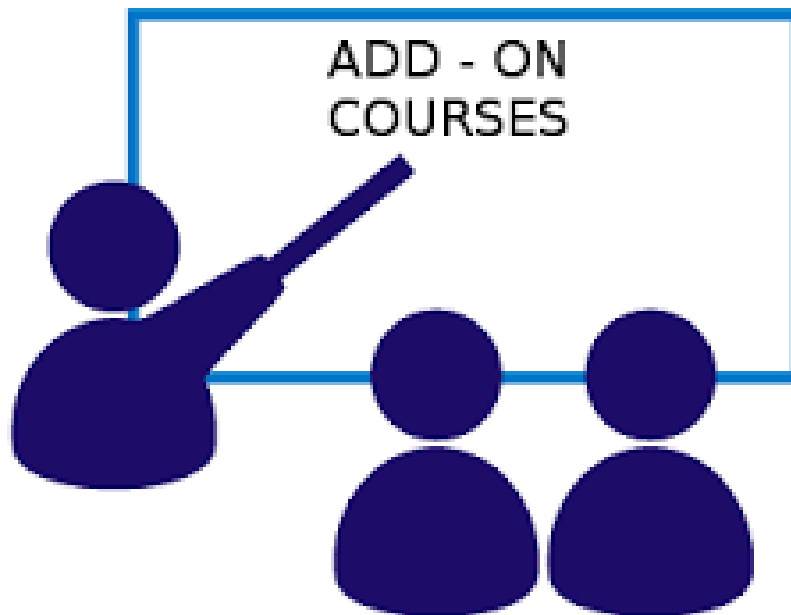




DEPARTMENT OF CIVIL ENGINEERING





DEPARTMENT OF CIVIL ENGINEERING
1.2.2. ADD ON COURSES

2020-21				
Course Offered	Course code	Year/Sem	Duration	Students Strength
VAC- Construction Technology	CVA001	2020-21 (ODD)	30 hrs	27
SWAYAM course on "Earth sciences for Civil Engineering : Part I & II" - II Yr	SWAYAM	2020-21 (ODD)	8 Weeks	11
SWAYAM course on "GPS Surveying" - II Yr	SWAYAM	2020-21 (ODD)	4 Weeks	8
SWAYAM course on "Reinforced Concrete road bridges"- III Yr	SWAYAM	2020-21 (ODD)	4 Weeks	12
SWAYAM course on "Project planning and control"-III Yr	SWAYAM	2020-21 (ODD)	8 Weeks	10
SWAYAM course on "Global navigation satellite systems"- III Yr	SWAYAM	2020-21 (ODD)	4 Weeks	6
SWAYAM course on "Advanced concrete Technology" - IV Yr	SWAYAM	2020-21 (ODD)	12 Weeks	18
SWAYAM course on "Project planning and control" - IV Yr	SWAYAM	2020-21 (ODD)	8 Weeks	12
SWAYAM course on "Design of reinforced concrete structures" - IV Yr	SWAYAM	2020-21 (ODD)	12 Weeks	9
SWAYAM course on "INTRODUCTION TO CIVIL ENGINEERING PROFESSION" - II Yr	SWAYAM	2020-21 (EVEN)	8 Weeks	8
SWAYAM course on "SAFETY IN CONSTRUCTION" - II Yr	SWAYAM	2020-21 (EVEN)	8 Weeks	7
SWAYAM course on "PRINCIPLES OF CONSTRUCTION MANAGEMENT" - II Yr	SWAYAM	2020-21 (EVEN)	8 Weeks	5
SWAYAM course on "ADVANCED FOUNDATION ENGINEERING" - III Yr	SWAYAM	2020-21 (EVEN)	12 Weeks	12
SWAYAM course on "DIGITAL LAND SURVEYING AND MAPPING(DLS&M)" III Yr	SWAYAM	2020-21 (EVEN)	8 Weeks	10
SWAYAM course on "GEOMORPHOLOGY"- III Yr	SWAYAM	2020-21 (EVEN)	12 Weeks	5
SWAYAM course on "Development and application of special Concrete" IV Yr	SWAYAM	2020-21 (EVEN)	8 Weeks	15
SWAYAM course on "Safety in construction" IV Yr	SWAYAM	2020-21 (EVEN)	8 Weeks	16
SWAYAM course on "Geographic Information Systems" IV Yr	SWAYAM	2020-21 (EVEN)	12 Weeks	8
(2019-2020)				
Course Offered	Course code	Year/Sem	Duration	Students Strength
VAC- Construction Technology	CVA001	2019-20 (ODD)	30hrs	37
Communication Skill II Yr	-	2019-20 (EVEN)	15 hrs	28
SWAYAM course on "Safety in Construction" II Yr	SWAYAM	2019-20 (EVEN)	8 Weeks	16
SWAYAM course on "Introduction to Civil Engineering Profession" II Yr	SWAYAM	2019-20 (EVEN)	8 Weeks	12
SWAYAM course on "Project planning and control" III Yr	SWAYAM	2019-20 (EVEN)	8 Weeks	20
SWAYAM course on "Global navigation satellite systems" III Yr	SWAYAM	2019-20 (EVEN)	4 Weeks	18
SWAYAM course on "Development and application of special Concrete " IV Yr	SWAYAM	2019-20 (EVEN)	8 Weeks	21
SWAYAM course on "Advanced Foundation Engineering" IV Yr	SWAYAM	2019-20 (EVEN)	12 Weeks	18
SWAYAM course on "Safety in Construction" IV Yr	SWAYAM	2019-20 (EVEN)	8 Weeks	17

DEPARTMENT OF CIVIL ENGINEERING
1.2.2. ADD ON COURSES

(2018-2019)				
Course Offered	Course code	Year/Sem	Duration	Students Strength
CDC Communication skills III Yr	CV301	2018-19 ODD	15 hrs	58
GATE Coaching III Yr	CV302	2018-19 ODD	15 hrs	58
Swayam course - II Yr GPS Surveying	SWAYAM	2018-19 ODD	4 Weeks	11
Swayam course - II Yr Earth sciences for Civil Engineering : Part I & II	SWAYAM	2018-19 ODD	8 Weeks	12
Swayam course - II Yr Advanced Concrete Technology	SWAYAM	2018-19 ODD	12 Weeks	10
Swayam course - II Yr Reinforced Concrete Road Bridges	SWAYAM	2018-19 ODD	4 Weeks	9
CDC - Basic Technical Concepts of Civil Engineering - II Yr	CV 201	2018-19 ODD	15 hrs	42
CDC - Valuation and Approval process -III yr	CV301	2018-19 ODD	15 hrs	58
CDC-Job opportunities in Civil Engineering -III yr	CV302	2018-19 ODD	15 hrs	58
CDC- Preparation for Competitive Exams -III yr	CV303	2018-19 ODD	15 hrs	58
Valuation and approval process -IV Yr	CV 401	2018-19 ODD	15 hrs	109
Basic Technical Concepts of Civil Engineering -IV Yr	CV 402	2018-19 ODD	15 hrs	109
Communication skills -IV Yr	CV 403	2018-19 ODD	15 hrs	109
Site marking and related activities -IV Yr	CV 404	2018-19 ODD	15 hrs	109
Civil Engineering Measurements -IV Yr	CV 405	2018-19 ODD	15 hrs	109
MCC (Staad Pro) IV Yr	-	2018-19 ODD	30 hrs	109
(2017-2018)				
My Credit Course (Staad Pro & Revit Architecture) IV Yr	MCC	2017-2018 (EVEN)	30 hrs	117
(2016-2017)				
My Credit Course (Staad Pro.) IV Yr	MCC	2016-2017 (EVEN)	30 Hrs	67

ACADEMIC

YEAR

2020-2021

VALUE ADDED COURSE





CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI - 600 075

Off 22357077 / 73
22357074
Fax / Dir 22352272



Dr. R. RAJU
DIRECTOR
Letter No 2359/AU/VA/CAC/2019

copy to HOD (civil)
21/5/19

15 05 2019

To
The Controller of Examinations
Anna University
Chennai - 25



Sr.

Sub A U. - CAC - Affiliated Institutions - Value Added Course - Reg.
Ref Letter No KCE/PRL/VAC/106/18-19, dated:07.05.2019.

With reference to the letter cited above, the following Value Added Course offered by Kings College of Engineering, Pudukkottai, Affiliated Institutions is allotted the course code as detailed below.

S.No	Code Allotted	Title
1	CVA001	Construction Technology

This is for your kind information and necessary action at your end.

Yours faithfully,

[Signature]
16/05/19


DIRECTOR

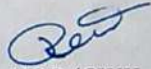
[Signature]
16/5/19

Copy to:

1. The Chairperson, Faculty of Civil Engineering, Anna University, Chennai - 25.
2. The Principal, Kings College of Engineering, Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamilnadu - 613 303.
3. The Stock File

CE501	CONSTRUCTION TECHNOLOGY	L T P C 2 0 0 2
UNIT I	STANDARD METHODS OF MEASUREMENTS AND UNITS	6
System of units-Fundamental & Derived units-conversion of units -Civil engineering measurements- Measurements of materials and works-Accuracy of results.		
UNIT II	BUILDING PLANNING	6
Building plan-Specifications-Drawing- Building bye laws and Regulations		
UNIT III	ESTIMATION-ABSTRACT AND DETAILING	6
Types of Estimates-Detail & Abstract Estimates of Buildings- Analysis of Rates- Estimation of Quantities of Steel & RCC Elements-Earthwork calculations-Detailed estimate.		
UNIT IV	STRUCTURAL ELEMENTS	6
Materials for Reinforced Concrete-Bar Bending-Sheet centering-Scaffolding.		
UNIT V	FIELD/SITE WORK/CONSTRUCTION ACTIVITIES	6
Site marking-Foundation-Plinth Beam-Components of building		
TOTAL : 30 PERIODS		


 STAFF INCHARGE
 (Mr.K.RANJITH)


 HOD/CIVIL
 (Mrs.R.REVATHI)



**DEPARTMENT OF CIVIL ENGINEERING
COURSE PLAN**

Sub. Code	: CE501	Branch/Year/Sem	: B.E CIVIL /III/V
SubName	: Construction Technology	Batch	: 2018-2022
Staff Name	: Mr.K.Ranjith	Academic Year	: 2020-2021 (ODD)

COURSE OBJECTIVE

Students will be able to:

- To learn the fundamental units of materials used in construction.
- To know the specifications used for building planning.
- To learn the abstract Estimates of Buildings
- To understand the effect of bar bending in reinforced concrete.
- To know the field work in construction
- To know and understand the general construction processes and their sequences

TEXTBOOKS:

- T1. N.Mathankumar, "Estimating and Quantity Surveying", ARS Publications, Chennai 2018
 T2. G.S.Birdie and T.D.Ahuja., "Building Construction and Construction materials", Dhanpat Rai Publishing Company, 4th edition, New Delhi, 2007.

REFERENCES:

- R1.Karthikeyan.N,V.Soundararajan, K.Chandrasekar,"Construction Materials", ARS Publications, Chennai, 2015.
 R2.Bhavikatti.S.S, "Building Materials", Vikas Publishing House Pvt Ltd,2015.

WEB RESOURCES

- W1.<https://www.slideshare.net/mrmartella/standards-of-measurement-presentation> (Topic.No:01)
 W2. <https://www.slideshare.net/RCNandish/bye-laws> (Topic.No:10)
 W3. <https://nptel.ac.in/courses/105104161/8> (Topic.No:12)
 W4. <https://nptel.ac.in/courses/105102088/2> (Topic.No:17)
 W5. <https://nptel.ac.in/courses/105/102/105102088/#> (Topic.No:20)

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT I STANDARD METHODS OF MEASUREMENTS AND UNITS						6
01	System of units	T1 W1	1.8	BB PPT	1	1
02	Fundamental & Derived units	T1	1.8	BB	1	2
03	Conversion of units	T1	1.8	BB	1	3
04	Civil engineering measurements	T1 R1	1.11 17,35	BB	1	4
05	Measurements of materials and works	T1	95-112	BB	1	5
06	Accuracy of results	T1	1.10	BB	1	6

LEARNING OUTCOME

At the end of this unit, students will be able to

- Learn about the Fundamental & Derived units
- Understand the Civil engineering measurements

UNIT II BUILDING PLANNING						6
7	Building plan	T2 R2	26.489 1.1	BB	2	8
8	Specifications	T1 T2	3.16-3.37 21.435- 21.449	BB	1	9
9	Drawing	T2	26.491- 26.502	BB	2	11
10	Building bye laws and Regulations	T2 W2	26.493	BB PPT	1	12

LEARNING OUTCOME

At the end of this unit, students will be able to

- Draw the Building plan
- Study the building regulations

UNIT III ESTIMATION-ABSTRACT AND DETAILING						6
11	Types of Estimates	T1	1.3	BB	1	13
12	Detail & Abstract Estimates of Buildings	T1 W3	1.5-1.6	BB NPTEL	1	14
13	Analysis of Rates	T1 T2	3.4-3.9 21.439	BB	1	15
14	Estimation of Quantities of Steel & RCC Elements	T1	1.12-1.16	BB	1	16
15	Earthwork calculations	T1 R1	2.42 126	BB	1	17
16	Detailed estimate	T1	1.7-1.88	BB	1	18

LEARNING OUTCOME

At the end of this unit, students will be able to

- Study the analysis of rates
- Understand the Earthwork calculations

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT IV		STRUCTURAL ELEMENTS				6
17	Materials for Reinforced Concrete	T2 R1 W4	18.348 95-115	BB NPTEL	2	20
18	Bar Bending	T2 R2	18.350 4.20	PPT	1	21
19	Sheet centering	T2	7.178	BB	2	23
20	Scaffolding	T2 W5	7.172	NPTEL	1	24

LEARNING OUTCOME

At the end of this unit, students will be able to

- Know the materials required for Reinforced Concrete
- Understand the requirement of bar bending and Sheet centering

UNIT V		FIELD/SITE WORK/CONSTRUCTION ACTIVITIES				6
21	Site marking	T2	2.13-2.14	On site	2	26
22	Foundation	T2 R2	3.2-3.5 4.2	On site	2	28
23	Plinth Beam	T2	3.69	On site	1	29
24	Components of building	T2	8.185 9.217 10.235	On site	1	30

LEARNING OUTCOME

At the end of this unit, students will be able to

- Do the Site marking in Construction
- Know the reinforcement detailing in Foundation

COURSE OUTCOME

At the end of the course, the students will able to


- To understand the knowledge of planning and construction
- Learn the building bye laws and regulations
- Know the sustainable concept in constructions
- Understand the concept of doing scaffolding in construction site

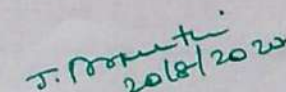
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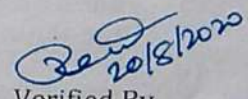
- Study of building construction in India.

INTERNAL ASSESMENT DETAILS

ASS NO	I	II
TOPIC	1-14	15-24
DATE		

Prepared by

 Mr. K. RANJITH, AP/CIVIL


 J. Manjith
 20/8/2020


 20/8/2020
 Verified By
 HOD/CIVIL

Approved by
 PRINCIPAL



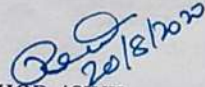
DEPARTMENT OF CIVIL ENGINEERING
 TIME TABLE (AUG 2020 - DEC 2020, ODD SEM)
 VALUE ADDED COURSE: B.E - CE (Regulation 2017)

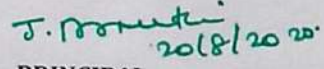
Batch:2018-2022

Year & Semester : III / V

Session	1	2	3		4	5	6
Day	09:30 AM	10:30 AM	11:30 AM	12:30 PM	01:30 PM	01:30 PM	02:30 PM
	10:30 AM	11:30 AM	12:30 PM	01:30 PM		02:30 PM	03:30 PM
SAT	CE501 (Construction Technology)			LUNCH BREAK			

SUB CODE	NAME OF THE SUBJECT	CREDITS	NAME OF THE STAFF	DEPT	PERIODS/WEEK
CE501	Constntruction Technology	2	Mr.K.Ranjith	CE	3


 20/8/2020
 HOD / CIVIL


 20/8/2020
 PRINCIPAL

AFFILIATED INSTITUTIONS
FACULTY OF CIVIL ENGINEERING
APPROVED LIST OF VALUE ADDED COURSES

Sl. No	Code	Subject name	L	T	P	C
1.	CVA001	Construction Technology	2	0	0	2
2.	CVA002	Integrated Structural Engineering of Building Structures	1	0	0	1
3.	CVA003	Computational Fluid Dynamics	1	0	0	1
4.	CVA004	AUTOCAD	1	0	2	2
5.	CVA005	Structural Analysis and Design	1	0	2	2
6.	CVA006	Civil Engineering Drawing and Bar Bending Schedule	2	0	0	2
7.	CVA007	Project Planning and Management	1	0	2	2
8.	CVA008	Interior Decoration	1	0	0	1
9.	CVA009	Vaasthu and Building Plan	1	0	0	1
10.	CVA010	3D's MAX	2	0	0	2
11.	CVA011	STAAD Pro Design Software	1	0	0	1
12.	CVA012	STAAD Pro V8i	1	0	2	2
13.	CVA013	STAAD Pro V8i Series 4	1	0	2	2
14.	CVA014	Primavera (P6) Project Management	1	0	0	1
15.	CVA015	Safety Aspects in Construction	2	0	0	2
16.	CVA016	3D Building Design Using Revit Architecture	2	0	0	2
17.	CVA017	Computer Applications in Civil Engineering	2	0	0	2
18.	CVA018	Industrial Waste Management	2	0	0	2
19.	CVA019	Professional Practices in Civil Engineering Construction	2	0	0	2
20.	CVA020	3D Printing Technology for Civil Engineering	1	0	0	1
21.	CVA021	Building Modeling Using 3D Revit Architecture	2	0	0	2
22.	CVA022	Project Scheduling with Primavera P6	2	0	0	2
23.	CVA023	E Tabs Software	0	0	2	1
24.	CVA024	Geospatial Mapping	0	0	2	1
25.	CVA025	Modern Equipments and Its Applications	2	0	0	2

26.	CVA026	Advanced Field Surveying	0	0	2	1
27.	CVA027	Model Generation and Static Analysis of Structures	0	0	2	1
28.	CVA028	Recent Trends in Design and Detailing of Structures	0	0	2	1
29.	CVA029	Design and Systematic Analysis of Civil Structures	2	0	0	2
30.	CVA030	Building Information Modeling and MS Project	2	0	0	2
31.	CVA031	Fire Protection, Services and Maintenance Management of Building	2	0	0	2

Uff
26/9/2020

DIRECTOR
CENTRE FOR ACADEMIC COURSES

M
23/9/2022



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-21 (EVEN SEM)
STUDENT NAME LIST
(BATCH 2018-2022)**

YEAR /SEM:III / VI

TOTAL STRENGTH:27

S.No.	Reg. Number	Student Name
1	821118103001	ABINAYA P
2	821118103003	ARAVINTH M
3	821118103004	CHANDRU S
4	821118103005	DEENATHAYALAN V
5	821118103006	DHINAKARAN D
6	821118103007	JAYALAKSHMI S
7	821118103008	JAYASHREE S
8	821118103009	JOSHI A
9	821118103010	KALAIKUMAR S
10	821118103011	KARIKALAN S
11	821118103013	MANIKANDAN M
12	821118103014	NANDHINI R
13	821118103016	PADMA REKA R
14	821118103017	PATRICK ANTONY SAMY A
15	821118103018	PAVITHRA C
16	821118103019	PRIYANKA B
17	821118103020	ROOSIKA K
18	821118103021	SARMILA N
19	821118103022	SETHUBALA T
20	821118103023	THILAK M
21	821118103024	VIJAYA PRAKASH R
22	821118103025	VINOTHKUMAR J
23	821118103301	ABRAHAM RAJA J
24	821118103302	JEGAN S
25	821118103303	RAHINI S
26	821118103304	SIVASHANKAR M
27	821118103305	VAITHEESWARAN B

Kavya
18/11/2021
**CLASS COORDINATOR
(Ms.V.ISHWARYA)**

Revathi
26/2/2021
**HOD/CIVIL
Ms.R.REVATHI**

Attendance Particulars												
Roll No.	Name	Date	29	29	29	5	5	5	12	12	12	19
		Month	8	8	8	9	9	9	9	9	9	9
		Period	4	5	6	1	2	3	4	5	6	1
1	ABINAYA	P	/	/	/	/	/	/	/	q	/	/
2	ABAVINTH	M	/	/	/	/	/	/	/	/	/	/
3	CHANDRU	S	/	/	/	q	/	/	/	/	a	/
4	DEENATHAVALAN	V	/	/	/	q	/	/	/	/	a	a
5	DHINAKARAN	D	/	/	/	/	/	/	/	/	/	/
6	JAYALALSHMI	P	/	/	/	/	/	/	/	/	/	/
7	JAYASHREE	P	/	/	/	/	/	/	/	/	/	/
8	JOSHI	A	/	/	/	/	a	/	/	/	a	/
9	KARAIKUMAR	S	/	/	/	/	/	/	/	/	/	/
10	KARICALAN	S	/	/	/	/	/	/	/	/	/	/
11	MANIKANDAN	M	/	/	/	/	/	/	/	/	/	/
12	NANDHINI	R	/	/	/	/	/	/	/	/	/	/
13	DADMA REKHA	R	/	/	/	/	/	/	/	/	/	/
14	DARICE ARJUN SAMY	A	/	/	/	/	/	/	/	/	/	/
15	DAVITHRA	C	/	/	/	/	/	/	/	/	/	/
16	PRIVANCA	B	/	/	/	/	/	/	/	/	/	/
17	BOUSHICA	K	/	/	/	q	a	a	/	/	/	/
18	SARHILA	N	/	/	/	/	/	/	/	/	/	/
19	SETHURAJA	T	/	/	/	/	/	/	/	q	q	q
20	THILAK	M	/	/	/	/	/	/	/	/	/	/
21	VIJAYA PRAKASH	R	/	/	/	/	/	/	/	/	/	/
22	VINGITH KOMAR	J	/	/	/	/	/	/	/	/	/	/
23	ABRAHAM RAJA	J	/	/	/	/	/	/	/	/	/	/
24	JEYAN	P	/	/	/	/	/	/	/	/	/	/
25	RAHINI	M	/	/	/	/	/	/	/	/	/	/

Roll No.	9	10	10	10	24	24	3	31	3
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25	/	/	/	/	/	/	/	/	/



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2020-2021 (ODD SEMESTER)

VALUE ADDED COURSE-REPORT

"CVA001-CONSTRUCTION TECHNOLOGY"

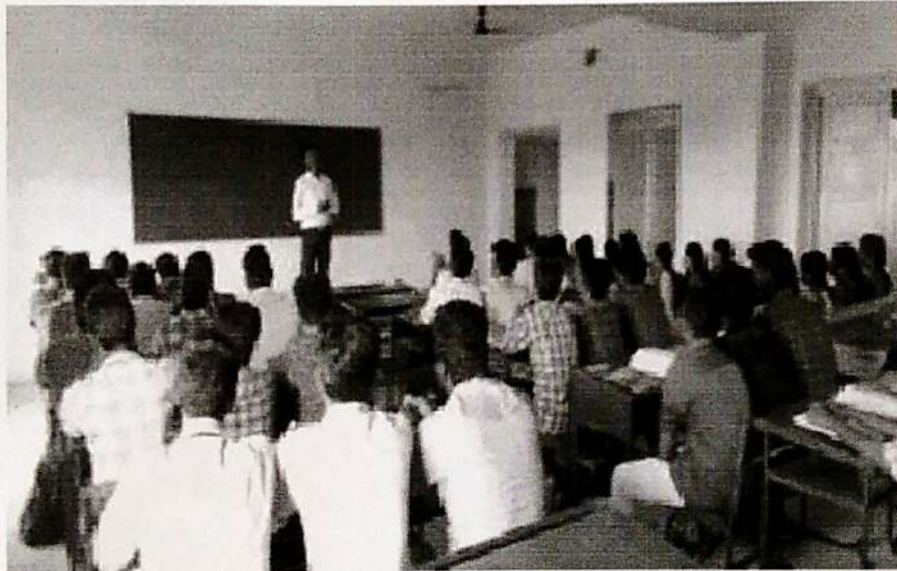
The department of civil engineering, Kings College of engineering, conducted a value added course titled on *"CVA001-CONSTRUCTION TECHNOLOGY"* from 29.08.2020 to 29.11.2020 for the pre-final year (V semester) civil students. Totally 27 students have enrolled for the course. Ms. K. Ranjith AP/CIVIL Coordinated the course.

After getting approval from HOD/CIVIL and Principal of kings college of engineering, the syllabus of value added course construction technology was approved from the director, center for academic courses, Anna university, Chennai with the course code CAV001. 2 credits are assigned to the value added course by the Anna University. The course commences on 29.08.2019 and ends on 29.11.2019. The course was successfully completed for the batch 2018-2022.

SESSION DETAILS

VAC session was handled by Mr. K. Ranjith AP/CIVIL, he discussed about the process of finding an estimate, or approximation, which is a value that is usable for some purpose even if input data may be incomplete, uncertain, or unstable. The value is nonetheless usable because it is derived from the best information available.

He also explained the overall planning, coordination, and control of a construction process from the start to the end. The objectives of project management are to produce a project that meets client requirements on budget and schedule, and at acceptable risk, quality, and safety.



OUTCOME

Students gain skills through the Value-Added Courses, which will enable them to face the formidable challenges of the future.

K. Ranjith
30/11/20

COURSE COORDINATOR

(Mr. K. RANJITH)

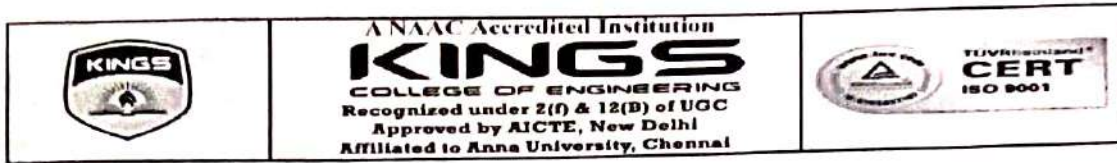
R. Revathi
30/11/20

HOD/CIVIL

(Ms. R. REVATHI)

SWAYAM COURSE





DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021 (ODD SEMESTER)

SWAYAM COURSE SUMMARY

STUDENT COURSE DETAILS:

S.No	Class	Strength	SWAYAM Course Title	No. of students Completed the Course
1.	II CIVIL	19	Earth sciences for Civil Engineering : Part I & II	11
			GPS Surveying	8
2.	III CIVIL	28	Reinforced Concrete road bridges	12
			Project planning and control	10
			Global navigation satellite systems	6
3.	IV CIVIL	39	Advanced concrete Technology	18
			Project planning and control	12
			Design of reinforced concrete structures	9

K. O. M.
14/12/20
IQAC Member

R. S.
14/12/20
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2020-21 (ODD SEM)
 II YEAR CIVIL / III SEM
 SWAYAM COURSE - STUDENT NAMELIST

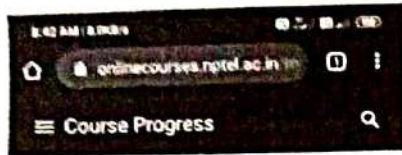
S.No.	Reg. Number	Student Name	Signature
1	821119103001	AGALYA B	B. Agalya
2	821119103002	ANBUMANI S	S. Anbumani
3	821119103003	ARUNKUMAR M	M. Arunkumar
4	821119103004	ARUNPRASAD S	S. Arun Prasad
5	821119103005	DIVYA S	S. Divya
6	821119103006	JANANI T S	T. S. Janani
7	821119103007	JAYACHANDRAN N	N. Jayachandran
8	821119103008	JAYASEELAN M	M. Jayaseelan
9	821119103010	KURALARASAN R	R. Kuralarasan
10	821119103011	MADHUMITHA R	R. Madhumitha
11	821119103012	MONIKA M	M. Monika
12	821119103013	PREMKUMAR J	J. Prem Kumar
13	821119103014	RENGESWARI R	R. Rengeswari
14	821119103015	RUBIKA M	M. Rubika
15	821119103016	SANTHOSH S	S. Santhosh
16	821119103017	SATHYA P	P. Sathya
17	821119103018	STALIN P	P. Stalin
18	821119103019	VIMAL R	R. Vimal
19	821119103301	DANIEL NAVIS F	F. Daniel Navis


 CLASS COORDINATOR
 (Mr.K.ARUN)


 HOD/CIVIL
 (Ms.R.REVATHI)

Kings College of Engineering, Punalkulam

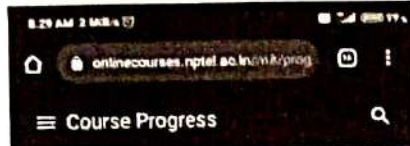
SWAYAM COURSE - ASSIGNMENT PROGRESS SAMPLES



Date Enrolled : 2020-08-27
 Email : vrtkurai2002@gmail.com
 Name : Kuralarasan

Your Assessment Scores

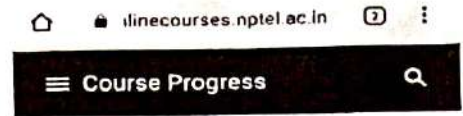
Assessment 0	7
Assessment 2	-
Assessment 3	-
Assessment 1	30
Assessment 4	31



Date Enrolled : 2020-08-25
 Email : jayaseelan10202@gmail.com
 Name : Jayaseelan M

Your Assessment Scores

Assignment 0	100
Assignment 1	50
Assignment 2	0
Assignment 3	40
Assignment 4	40



Date Enrolled : 2020-08-27
 Email : 9360santhosh@gmail.com
 Name : SANTHOSH

Your Assessment Scores

Assignment 0	100
Assignment 1	50
Assignment 2	20
Assignment 3	30
Assignment 4	20



Date Enrolled : 2020-08-29
 Email : jayachandran002@gmail.com
 Name : Jayachandran

Your Assessment Scores

Assignment 0	0
Assignment 1	40
Assignment 2	60
Assignment 3	50
Assignment 4	90
Assignment-5	-



Name : S.Divya
 Email : sathy.08@gmail.com
 Date Enrolled : 2020-09-11

Your Assessment scores

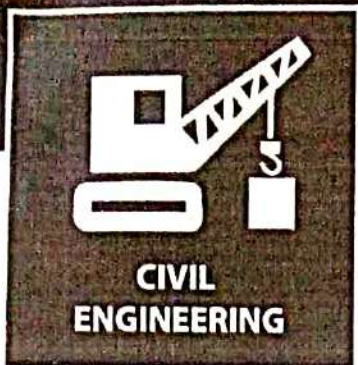
Assignment 0	-
Assignment 1	50
Assignment 2	50
Assignment 3	50
Assignment 4	90
Assignment-5	-



Date Enrolled : 2020-09-06
 Email : j4718999@gmail.com
 Name : Janani

Your Assessment Scores

Assignment 0	-
Assignment 1	40
Assignment 2	60
Assignment 3	50
Assignment 4	90
Assignment-5	-



EARTH SCIENCES FOR CIVIL ENGINEERING PART - I & II



PROF. JAVED MALIK
Department of Civil Engineering
IIT Kanpur

TYPE OF COURSE	: Rerun Core UG/PG	COURSE DURATION	: 8 weeks (20 Jul'20 - 11 Sep'20)
PRE-REQUISITES	: Basic knowledge of geology is recommended.	EXAM DATE	: 27 Sep 2020
INTENDED AUDIENCE	: UG/PG students of Science and Engineering (especially Earth Sciences).		

COURSE OUTLINE :

The course introduces the student to basic principles of geosciences, geological hazards and their applications in civil engineering. The first 4-week modules of this course will help the student to have better understanding towards interior of the earth, earth system and its process. The next 4 week modules will cover geological hazards and environmental impact, active faults and its related hazard in India, importance of geological structures in dams and tunnels, fluvial geomorphology and ground water, tsunami, landslide and flood hazard, mapping, monitoring and management of hazards.

ABOUT INSTRUCTOR :

Prof. Javed Malik earned his Ph. D in 1998 from M. S. University Baroda, Vadodara, Gujarat (Geology), did Post-Doctorate (Japan Society for Promotion of Science) from (1999-2001) Hiroshima University, Japan. Joined IIT Kanpur in 2001. Area of Specialization: Active Tectonics, Paleoseismology and Paleo-tsunami, Current Areas of Research: Active fault mapping and Paleoseismological studies along NW Himalaya and Kachchh, Paleo-Tsunami studies in Andaman & Nicobar Islands Collaboration with Japan, US and France – related to earthquake and tsunami studies. Research Projects: Active tectonic investigation along northwestern Himalayan foothill zone, sponsored by DST, Active fault mapping and paleoseismic investigations in Kachchh region. Gujarat, by OYO International Japan. Active Tectonic investigations around South-Middle Andaman and Car Nicobar Islands, A&N Islands, sponsored by INCOIS, Hyderabad, MoES.

COURSE PLAN

- Week 1** : Introduction to Geosciences in Civil Engineering, Introduction to Geosciences in Civil Engineering, Plate Tectonics and Continental Drift, Plate Tectonics and Continental Drift, Rock-forming Minerals and their properties
- Week 2** : Rock-forming Minerals and their properties, Rock types and their properties, Rock types and their properties, Rock types and their properties, Rock types and their properties
- Week 3** : Seismology and the internal Structure of the Earth, Seismology and the internal Structure of the Earth, Geological Structure Geological Structures, Geological Structures
- Week 4** : Introduction to Geological Hazards, Introduction to Geological Hazards, Introduction to Geological Hazards, Environmental impacts of Geological hazards, Environmental impacts of Geological hazards
- Week 5** : Active faults and its related hazard in India, Active faults and its related hazard in India, Active faults and its related hazard in India, Active faults Mapping and Applications, Active faults Mapping and Applications
- Week 6** : Tsunami and related hazard, Tsunami and related hazard, Tsunami and related hazard, Landslide and Subsidence, Landslide and Subsidence
- Week 7** : Landslide and Subsidence, Flood and related hazard, Flood and related hazard, Flood and related hazard, Groundwater
- Week 8** : Applications of Earth Sciences in Civil Engineering, Applications of Earth Sciences in Civil Engineering, Civil Engineering applications – geological considerations in Rivers, Civil Engineering applications – geological considerations in Dams, Civil Engineering applications – geological considerations in Tunnels



GPS SURVEYING

PROF. JAYANTA KUMAR GHOSH

Department of Civil Engineering
IIT Roorkee

TYPE OF COURSE : Rerun | Core | UG
COURSE DURATION : 4 weeks (20 Jul'20 - 14 Aug'20)
EXAM DATE : 27 Sep 2020

INTENDED AUDIENCE : BE/ME/BSc/MSc etc

PRE-REQUISITES : Basics of Physics and mathematics upto 12th standard and familiarity with use of computer.

INDUSTRIES APPLICABLE TO : <http://www.gpsinindia.com/directory/gps-surveycompanies-in-india>

COURSE OUTLINE :

The objective of the course is to provide optimal insights into land surveying using GPS (Global Positioning System). The course starts with an introduction to land surveying leading to GPS as the state-of-art for surveying of land. Then, different aspects of GPS systems such as GPS architecture, GPS signals, GPS receivers, GPS software has been discussed followed by GPS positioning & GPS observables. Next, it provides GPS processing fundamentals consisting of pre-processing and processing steps under different processing strategies followed by quality assessment and field procedure of GPS surveying. The course concludes with a detail demonstration of GPS field surveying followed by processing of collected data.

ABOUT INSTRUCTOR :

Prof. Jayanta Kumar Ghosh is working as Associate Professor in the Civil Engineering Department (Geomatics Engineering Group) of Indian Institute of Technology Roorkee. He is engaged in teaching, research and consultancy works in Geomatics engineering for more than 30 years. He is pioneer in introducing courses on GPS surveying in the UG & PG curriculum of Civil Engineering in India, since 1999. He has conducted many short term courses on GPS Surveying for the building professionals as early as 2002. He has more than 85 publications in the International and National journals and conferences of repute. He is member of different National and International technical associations.

COURSE PLAN :

Week 1: Introduction; GPS System

Week 2: GPS Positioning; GPS Observables


Week 3: GPS Data Processing

Week 4: GPS Field Surveying; GPS Field Data Processing



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-21 (ODD SEM)
III YEAR CIVIL / V SEM
SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
1	821118103001	ABINAYA P	P. Abinaya
2	821118103003	ARAVINTH M	S. Aravinth
3	821118103004	CHANDRU S	S. Chandru
4	821118103005	DEENATHAYALAN V	V. Deenthayan
5	821118103006	DHINAKARAN D	D. Dhinakaran
6	821118103007	JAYALAKSHMI S	S. Jaya Lakshmi
7	821118103008	JAYASHREE S	S. Jayashree
8	821118103009	JOSHI A	A. Joshi
9	821118103010	KALAIKUMAR S	S. Kalai Kumar
10	821118103011	KARIKALAN S	S. Karikalán
11	821118103012	KARTHIKEYAN R	R. Mani Kumar
12	821118103013	MANIKANDAN M	M. Manikandan
13	821118103014	NANDHINI R	R. Nandhini
14	821118103016	PADMA REKA R	R. Padma Reka
15	821118103017	PATRICK ANTONY SAMY A	A. Patrick Antony
16	821118103018	PAVITHRA C	C. Pavithra
17	821118103019	PRIYANKA B	B. Priyanka
18	821118103020	ROOSIKA K	K. Roosika
19	821118103021	SARMILA N	N. Sarmila
20	821118103022	SETHUBALA T	T. Sethubala
21	821118103023	THILAK M	M. Thilak
22	821118103024	VIJAYA PRAKASH R	R. Vijaya Prakash
23	821118103025	VINOTHKUMAR J	J. Vinoth Kumar
24	821118103301	ABRAHAM RAJA J	J. Abraham Raja
25	821118103302	JEGAN S	S. Jegan
26	821118103303	RAHINI S	S. Rahini
27	821118103304	SIVASHANKAR M	M. Sivashankar
27	821118103305	VAITHEESWARAN B	B. Vaitheeswaran


CLASS COORDINATOR
(Ms.V.ISHWARYA)


HOD/CIVIL
(Ms.R.REVATHI)



**DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2020-21 (ODD SEM)
 III YEAR CIVIL / V SEM
 SWAYAM COURSE DETAILS**

14.12.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821118103001	ABINAYA P	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
2	821118103003	ARAVINTH M	Project Planning and Control	8 Weeks	Progress Submitted
3	821118103004	CHANDRU S	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
4	821118103005	DEENATHAYALAN V	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
5	821118103006	DHINAKARAN D	Global Navigation satellite systems	4 Weeks	Progress Submitted
6	821118103007	JAYALAKSHMI S	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
7	821118103008	JAYASHREE S	Project Planning and Control	8 Weeks	Progress Submitted
8	821118103009	JOSHI A	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
9	821118103010	KALAIKUMAR S	Project Planning and Control	8 Weeks	Progress Submitted
10	821118103011	KARIKALAN S	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
11	821118103012	KARTHIKEYAN R	Global Navigation satellite systems	4 Weeks	Progress Submitted
12	821118103013	MANIKANDAN M	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
13	821118103014	NANDHINI R	Global Navigation satellite systems	4 Weeks	Progress Submitted
14	821118103016	PADMA REKA R	Project Planning and Control	8 Weeks	Progress Submitted
15	821118103017	PATRICK ANTONY SAMY	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
16	821118103018	PAVITHIRA C	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
17	821118103019	PRIYANKA B	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
18	821118103020	ROOSIKA K	Project Planning and Control	8 Weeks	Progress Submitted
19	821118103021	SARMILA N	Global Navigation satellite systems	4 Weeks	Progress Submitted
20	821118103022	SETHUBALAT	Project Planning and Control	8 Weeks	Progress Submitted
21	821118103023	THILAK M	Project Planning and Control	8 Weeks	Progress Submitted

ACADEMIC YEAR 2020-21 (ODD SEM)
III YEAR CIVIL / V SEM
SWAYAM COURSE DETAILS

14.12.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
22	821118103024	VIJAYA PRAKASH R	Global Navigation satellite systems	4 Weeks	Progress Submitted
23	821118103025	VINOTHKUMAR J	Global Navigation satellite systems	4 Weeks	Progress Submitted
24	821118103301	ABRAHAM RAJA J	Project Planning and Control	8 Weeks	Progress Submitted
25	821118103302	JEGAN S	Project Planning and Control	8 Weeks	Progress Submitted
26	821118103303	RAHINI S	Project Planning and Control	8 Weeks	Progress Submitted
27	821118103304	SIVASHANKAR M	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted
27	821118103305	VAITHEESWARAN B	Reinforced Concrete road Bridges	4 Weeks	Progress Submitted


CLASS COORDINATOR
(Ms.V.ISHWARYA)


14/12
MOD/CIVIL
(Ms.R.REVATHI)



REINFORCED CONCRETE ROAD BRIDGES

PROF. NIRJHAR DHANG

Department of Civil Engineering
IIT Kharagpur

TYPE OF COURSE : Rerun | Elective | UG

COURSE DURATION : 4 weeks (23 Aug'20 - 17 Sep'20)

EXAM DATE : 23 Oct 2020

INTENDED AUDIENCE : Students of Civil Engineering

INDUSTRIES APPLICABLE TO : This course will be recognized by design consultancy firms and construction industries.

COURSE OUTLINE :

In this course, reinforced concrete road bridges are taken up as these bridges are mainly used in road transportation system. This course will mainly focus on reinforced concrete slab bridges spanning in the range of 8-12m. Reinforced concrete T beam bridges will also be covered spanning in the range of 15-25m. The course will be introduced with general design considerations, design limit states. Different loading conditions will be discussed introducing IRC codes. Behaviour of concrete will also be discussed. Design of slab bridges and RCT beam bridges will be carried out in a systematic manner.

ABOUT INSTRUCTOR :

Prof. Nirjhar Dhang (born 1962) is currently Professor of the Department of Civil Engineering, Indian Institute of Technology, Kharagpur, where he teaches Bridge Engineering, Structural Health Monitoring & Control, Design of Reinforced Concrete Structures. He works in the field of structural engineering particularly in the area of concrete, structural health monitoring & control and railway bridges applicable for high speed rail. He has done many consultancy and research project work.

COURSE PLAN :

Week 01 : Introduction, design considerations, loads and IRC codes

Week 02 : Flexural and shear strength of reinforced concrete members

Week 03 : Solid slab bridge design

Week 04 : T-beam bridge design



PROJECT PLANNING & CONTROL

PROF. KOSHY VARGHESE
Department of Civil Engineering
IIT Madras

TYPE OF COURSE : Rerun | Elective | UG
COURSE DURATION : 8 weeks (26 Jul'20 - 17 Sep'20)
EXAM DATE : 26 Sep 2020

INTENDED AUDIENCE : UG/PG/Industry Participants

PRE-REQUISITES : Basic Mathematics with Probability & Statistics

INDUSTRIES APPLICABLE TO : All leading construction companies.

COURSE OUTLINE :

This course will cover the basic concepts in Project Planning and Control with a focus on construction projects. The course is relevant to Civil Engineering senior level undergraduate as well as post-graduate students in the area of construction management. Practicing engineers who are part of the planning team on construction projects will also benefit from the concepts covered in the course.

ABOUT INSTRUCTOR :

Prof. Koshy Varghese is a Professor with the Department of Civil Engineering, Indian Institute of Technology Madras (IITM). Dr. Varghese earned his Doctoral Degree at the University of Texas at Austin in 1992 and worked as a post-doc-toral fellow for a year after which he joined IIT Madras. Dr. Varghese is a pioneer in construction management education and research in India and has taught courses in Construction Planning and Control to undergraduates / postgraduate as well as to industry.

COURSE PLAN :

Week 01 : Introduction, Course Context, Construction Project Management

Week 02 : Time Management, Work Breakdown Structure (WBS), Gantt Charts

Week 03 : Duration Estimation, Network Representation & Analysis -1

Week 04 : Network Representation & Analysis -2; Two-Span Bridge: Scheduling, Network Analysis and Application

Week 05 : Time-Cost Trade-off (Crashing)

Week 06 : Resource Scheduling

Week 07 : Precedence Diagramming Method (PDM), Project Monitoring & Control

Week 08 : Project Monitoring & Control (Earned Value Concepts), Uncertainty in Project Schedules (PERT), Course Summary



GLOBAL NAVIGATION SATELLITE SYSTEMS AND APPLICATIONS

PROF. ARUN K. SARAF

Department of Department of Earth Sciences,
IIT Roorkee

TYPE OF COURSE : Rerun | Elective | PG/UG

COURSE DURATION : 4 weeks (26 Jul'20 - 20 Aug'20)

EXAM DATE : 26 Sep2020

INTENDED AUDIENCE: Under and post-graduate engineering and post graduate science students/Faculty

PRE-REQUISITES: Current students of engineering, post graduate science students and PhD students should have basic knowledge of GIS and Remote Sensing

INDUSTRY SUPPORT: Geoinformatics companies, e.g NIIT, ESRI India, Leica Geoinformatics, MapmyIndia, ISRO, etc.

COURSE OUTLINE :

The proposed course provides basic understanding about digital elevation models (DEMs) and their applications in Civil Engineering and Earth Sciences. Further, various DEMs, their source, generation techniques, derivatives, errors and limitations would be discussed extensively. Surface Hydrologic Modelling using DEMs, Modelling derivatives and their applications would also be discussed.

ABOUT INSTRUCTOR :

Dr. Arun K. Saraf obtained PhD. (Remote Sensing) from University of Dundee, United Kingdom. Presently he is working as Professor in the Department of Earth Sciences, Indian Institute of Technology, Roorkee, and teaches courses on Geographic Information Systems (GIS), Advanced GIS, Remote Sensing, Geomorphology etc. to under- and post-graduate students. He was also Head of Department of Earth Sciences between Jan. 2012 & Feb. 2015. He was first in the country to introduce GIS course to post graduate students in the year 1990. In 1986, he was awarded "National Fellowship to Study Abroad" by Govt. of India for his doctoral degree. Further, in 1993 he was awarded Indo USST Fellowship and worked in Goddard Space Flight Centre, NASA, USA for Post Doctoral Research. He has been also awarded National Remote Sensing Award-2001 by Indian Society of Remote Sensing.

COURSE PLAN :

Week 1: Concept of digital elevation model (DEM) and its implementation. Various techniques to generate digital elevation models-Part 1, Part 2 & 3, Importance of spatial resolution with DEMs

Week 2: Accessing the quality of DEM, Integration of DEMs with satellite data, Common derivatives and Crashing network

Week 3: DEMs derivatives - 1, DEMs derivatives - 2, DEMs derivatives - 3, DEMs derivatives -4, DEM based Surface Hydrologic Modelling -1

Week 4: DEMs based Surface Hydrologic Modelling(contd.) DEMs and dam simulation and its application in groundwater hydrology Applications of DEMs in solar and wind energy potential estimations Applications of DEMs in Viewshed and Flood Hazard Mapping DEMs Sources Limitations and future of Digital Elevation Models



DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2020-21 (ODD SEM)
 IV YEAR CIVIL / VII SEM
 SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
1	821117103001	AAKASH KRISHNA S	S. Aakash
2	821117103002	ANTONY JOE N	N. Antony
3	821117103004	BAGAVATHI R	R. Bagavathi
4	821117103006	BOOBALAN A	A. Boobalan
5	821117103007	GAYATHRI R	R. Gayathri
6	821117103008	GOPALAKRISHNAN M	M. Gopal
7	821117103009	GOWTHAMAN T	T. Gowthaman
8	821117103010	GURU SWATHIK KS	K. Swathika
9	821117103011	JAYASURIYA K	K. Jayasuriya
10	821117103012	KAUSHIK SIVA V	V. Kaushik
11	821117103014	MARIYA K	K. Mariya
12	821117103016	NAVANEETHAKRISHNAN S	S. Navaneetha
13	821117103018	NIVASH M	M. Nivash
14	821117103021	RANJITH K	K. Ranjith
15	821117103022	SANTHOSH ANANDH D	D. Santhosh
16	821117103023	SHALINI S	S. Shalini
17	821117103024	SILAMBARASAN P	P. Silambarasan
18	821117103025	SOUNDARIYA M	M. Soundariya
19	821117103027	SURENDAR KL	L. Surender
20	821117103028	SURIYA PRASHATHI KS	S. Prashathi

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-21 (ODD SEM)
IV YEAR CIVIL / VII SEM
SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
21	821117103029	THAMILARASAN T	T. Thamil
22	821117103032	YUVARAJ A	Y. Varaj
23	821117103301	AKASH V	V. Akash
24	821117103302	AROKIA ALEX K	K. Alex Arokia
25	821117103303	ARUL STALIN A	A. Arul Stalin
26	821117103304	BOOMIDURAI C	C. Boomidurai
27	811117103305	GURUHARAN S	S. Guruharan
28	821117103308	LOGESH A	A. Logesh
29	821117103309	NARESH VEKKALIDASAN K	K. Naresk Vekkalidasan
30	821117103310	PREMNATH T	T. Premnath
31	821117103311	RAJESH T	T. Rajesh
32	821117103312	RASHIGA R	R. Rashiga
33	821117103313	SAHITTIYA L	L. Sahittiya
34	821117103314	SANTHOSH KANDHAN P	P. Santosh Kandhan
35	821117103315	SARAVANAN V	V. Saravanan
36	821117103316	VEVIYAN PAUL L	L. Veviy Paul
37	821117103317	VIGNESH R	R. Vignesh
38	821117103502	KALIDASAN P	P. Kalidasan
39	821117103702	KAVIVARMAN M	M. Kavivarmam


 CLASS COORDINATOR
 (Mr.K.RANJITH)


 HOD/CIVIL
 (Ms.R.REVATHI)



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-21 (ODD SEM)
IV YEAR CIVIL / VII SEM
SWAYAM COURSE DETAILS**

14..12.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821117103001	AAKASH KRISHNA S	Project Planning and Control	8 Weeks	Progress Submitted
2	821117103002	ANTONY JOE N	Advanced Concrete Technology	12 Weeks	Progress Submitted
3	821117103004	BAGAVATHI R	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
4	821117103006	BOOBALAN A	Advanced Concrete Technology	12 Weeks	Progress Submitted
5	821117103007	GAYATHRI R	Advanced Concrete Technology	12 Weeks	Progress Submitted
6	821117103008	GOPALAKRISHNAN M	Advanced Concrete Technology	12 Weeks	Progress Submitted
7	821117103009	GOWTHAMAN T	Advanced Concrete Technology	12 Weeks	Progress Submitted
8	821117103010	GURU SWATHIK KS	Project Planning and Control	8 Weeks	Progress Submitted
9	821117103011	JAYASURIYA K	Project Planning and Control	8 Weeks	Progress Submitted
10	821117103012	KAUSHIK SIVA V	Advanced Concrete Technology	12 Weeks	Progress Submitted
11	821117103014	MARIYA K	Advanced Concrete Technology	12 Weeks	Progress Submitted
12	821117103016	NAVANEETHAKRISHNA N S	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
13	821117103018	NIVASH M	Advanced Concrete Technology	12 Weeks	Progress Submitted
14	821117103021	RANJITH K	Advanced Concrete Technology	12 Weeks	Progress Submitted
15	821117103022	SANTHOSH ANANDH D	Advanced Concrete Technology	12 Weeks	Progress Submitted
16	821117103023	SHALINI S	Project Planning and Control	8 Weeks	Progress Submitted
17	821117103024	SILAMBARASAN P	Project Planning and Control	8 Weeks	Progress Submitted
18	821117103025	SOUNDARIYA M	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
19	821117103027	SURENDAR KL	Advanced Concrete Technology	12 Weeks	Progress Submitted
20	821117103028	SURIYA PRASHATH KS	Advanced Concrete Technology	12 Weeks	Progress Submitted
21	821117103029	THAMILARASAN T	Advanced Concrete Technology	12 Weeks	Progress Submitted

**ACADEMIC YEAR 2020-21 (ODD SEM)
IV YEAR CIVIL / VII SEM
SWAYAM COURSE DETAILS**

14..12.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
22	821117103032	YUVARAJ A	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
23	821117103301	AKASH V	Project Planning and Control	8 Weeks	Progress Submitted
24	821117103302	AROKIA ALEX K	Project Planning and Control	8 Weeks	Progress Submitted
25	821117103303	ARUL STALIN A	Advanced Concrete Technology	12 Weeks	Progress Submitted
26	821117103304	BOOMIDURAI C	Advanced Concrete Technology	12 Weeks	Progress Submitted
27	811117103305	GURUHARAN S	Advanced Concrete Technology	12 Weeks	Progress Submitted
28	821117103308	LOGESH A	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
29	821117103309	NARESH VEKKALIDASAI	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
30	821117103310	PREMNATH T	Project Planning and Control	8 Weeks	Progress Submitted
31	821117103311	RAJESH T	Project Planning and Control	8 Weeks	Progress Submitted
32	821117103312	RASHIGA R	Project Planning and Control	8 Weeks	Progress Submitted
33	821117103313	SAHITTIYA L	Project Planning and Control	8 Weeks	Progress Submitted
34	821117103314	SANTHOSH KANDHAN P	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
35	821117103315	SARAVANAN V	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
36	821117103316	VEVIYAN PAUL L	Advanced Concrete Technology	12 Weeks	Progress Submitted
37	821117103317	VIGNESH R	Advanced Concrete Technology	12 Weeks	Progress Submitted
38	821117103502	KALIDASAN P	Design of Reinforced concrete Structures	12 Weeks	Progress Submitted
39	821117103702	KAVIVARMAN M	Project Planning and Control	8 Weeks	Progress Submitted

K. Ranjith
14/12/20
CLASS COORDINATOR
(Mr.K.RANJITH)

Revathi
14/12/20
MOD/CIVIL
(Ms.R.REVATHI)



ADVANCED CONCRETE TECHNOLOGY

PROF. MANU SANTHANAM
Department of Civil Engineering
IIT Madras

TYPE OF COURSE : Rerun | Elective | PG
COURSE DURATION : 12 weeks (20 Jul'20 - 9 Oct'20)
EXAM DATE : 18 Oct 2020

INTENDED AUDIENCE : M.E/M.Tech,M.S,PhD,

PRE-REQUISITES : Basic course on Construction Materials in UG level. Additional course on Concrete Technology (UG level) is optional.

INDUSTRIES APPLICABLE TO : Civil contracting firms, Ready mixed concrete companies, Cement companies, Construction chemicals companies, Materials research laboratories etc

COURSE OUTLINE :

This course explores the materials science of concrete, and attempts to bring about the understanding of concrete behavior from a fundamental perspective. The first part of the course discusses the structure and properties of concrete making materials. This is followed by mixture proportioning of high performance concrete, and a study of selected topics regarding fresh and hardened concrete behavior. The final part of the course deals with long term performance issues, related to creep, shrinkage and durability of concrete.

ABOUT INSTRUCTOR :

Dr. Manu Santhanam is a Professor in the Department of Civil Engineering at IIT Madras, where he has worked since October 2001. His primary research interests are in Cement Chemistry, Durability of Concrete and Non-Destructive Evaluation. He has published more than 75 refereed journal papers, and has guided 10 PhD theses, in addition to being lead investigator on several sponsored projects.

COURSE PLAN :

- Week 01** : Cement production and composition
- Week 02** : Cement chemistry
- Week 03** : Aggregates for concrete
- Week 04** : Chemical admixtures
- Week 05** : Chemical and Mineral admixtures
- Week 06** : Mineral admixtures
- Week 07** : High performance concrete mixture proportioning
- Week 08** : Topics in fresh concrete
- Week 09** : Topics in hardened concrete
- Week 10** : Creep and shrinkage
- Week 11** : Durability of concrete
- Week 12** : Durability of concrete



PROJECT PLANNING & CONTROL

PROF. KOSHY VARGHESE
Department of Civil Engineering
IIT Madras

TYPE OF COURSE : Rerun | Elective | UG
COURSE DURATION : 8 weeks (26 Jul'20 - 17 Sep'20)
EXAM DATE : 26 Sep 2020

INTENDED AUDIENCE : UG/PG/Industry Participants

PRE-REQUISITES : Basic Mathematics with Probability & Statistics

INDUSTRIES APPLICABLE TO : All leading construction companies.

COURSE OUTLINE :

This course will cover the basic concepts in Project Planning and Control with a focus on construction projects. The course is relevant to Civil Engineering senior level undergraduate as well as post-graduate students in the area of construction management. Practicing engineers who are part of the planning team on construction projects will also benefit from the concepts covered in the course.

ABOUT INSTRUCTOR :

Prof. Koshy Varghese is a Professor with the Department of Civil Engineering, Indian Institute of Technology Madras (IITM). Dr. Varghese earned his Doctoral Degree at the University of Texas at Austin in 1992 and worked as a post-doc-toral fellow for a year after which he joined IIT Madras. Dr. Varghese is a pioneer in construction management education and research in India and has taught courses in Construction Planning and Control to undergraduates / postgraduate as well as to industry.

COURSE PLAN :

Week 01 : Introduction, Course Context, Construction Project Management

Week 02 : Time Management, Work Breakdown Structure (WBS), Gantt Charts

Week 03 : Duration Estimation, Network Representation & Analysis -1

Week 04 : Network Representation & Analysis -2; Two-Span Bridge: Scheduling, Network Analysis and Application

Week 05 : Time-Cost Trade-off (Crashing)

Week 06 : Resource Scheduling

Week 07 : Precedence Diagramming Method (PDM), Project Monitoring & Control

Week 08 : Project Monitoring & Control (Earned Value Concepts), Uncertainty in Project Schedules (PERT), Course Summary



DESIGN OF REINFORCED CONCRETE STRUCTURES

PROF. NIRJHAR DHANG
Department of Civil Engineering
IIT Kharagpur

TYPE OF COURSE : Rerun | Core | PG
COURSE DURATION : 12 weeks (26 Jul'20 - 15 Oct'20)
EXAM DATE : 23 Oct 2020

INTENDED AUDIENCE : Students of Civil Engineering and Architecture

INDUSTRIES APPLICABLE TO : This course will be recognized by design consultancy firms and construction industries.

COURSE OUTLINE :

Design of reinforced concrete structures is an introductory design course in civil engineering. In this course, basic elements governed by bending, shear, axial forces or combination of them are identified and are considered as building blocks of the whole structure. Different methods of design will be briefly described before introducing the limit states of collapse and serviceability. The design will be done as per IS 456:2000

ABOUT INSTRUCTOR :

Prof. Nirjhar Dhang (born 1962) is currently Professor of the Department of Civil Engineering, Indian Institute of Technology, Kharagpur, where he teaches Bridge Engineering, Structural Health Monitoring & Control, Design of Reinforced Concrete Structures. He works in the field of structural engineering particularly in the area of concrete, structural health monitoring & control and railway bridges applicable for high speed rail. He has done many consultancy and research project work.

COURSE PLAN :

- Week 01** : Introduction, Different methods of design of reinforced concrete structures
- Week 02** : Working stress method
- Week 03** : Limit state of collapse - flexure
- Week 04** : Design of singly reinforced beam
- Week 05** : Design of doubly reinforced beam
- Week 06** : Limit state of collapse - shear
- Week 07** : Design for shear
- Week 08** : Design of slab
- Week 09** : Design of compression members
- Week 10** : Design of footing
- Week 11** : Design of staircase
- Week 12** : Limit state of serviceability



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2020-2021 (EVEN SEMESTER)

SWAYAM COURSE SUMMARY

STUDENT COURSE DETAILS:

S.No	Class	Strength	SWAYAM Course Title	No. of students Completed the Course
1.	II CIVIL	20	Introduction to Civil Engineering Profession	8
			Safety in Construction	7
			Principles of construction management	5
2.	III CIVIL	27	Advanced Foundation Engineering	12
			Digital Land Surveying and Mapping (Dls&M)	10
			Geomorphology	5
3.	IV CIVIL	39	Development and application of special Concrete	15
			Safety in construction	16
			Geographic Information Systems	8

K. [Signature]
5/3/21
IQAC Member

[Signature]
5/3
HOD/CIVIL




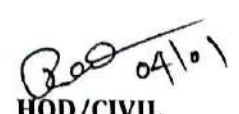
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COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-21 (EVEN SEM)
II YEAR CIVIL / IV SEM
SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
1	821119103001	AGALYA B	B. Agalya
2	821119103002	ANBUMANI S	S. Anbumani
3	821119103003	ARUNKUMAR M	M. Arunkumar
4	821119103004	ARUNPRASAD S	S. Arun Prasad
5	821119103005	DIVYA S	S. Divya
6	821119103006	JANANI T S	T. S. Janani
7	821119103007	JAYACHANDRAN N	N. Jayachandran
8	821119103008	JAYASEELAN M	M. Jayaseelan
9	821119103010	KURALARASAN R	R. Kuralarasan
10	821119103011	MADHUMITHA R	R. Madhumitha
11	821119103012	MONIKA M	M. Monica
12	821119103013	PREMKUMAR J	J. Premkumar
13	821119103014	RENGESWARI R	R. Rengeswari
14	821119103015	RUBIKA M	M. Rubika
15	821119103016	SANTHOSH S	S. Santhosh
16	821119103017	SATHYA P	P. Sathya
17	821119103018	STALIN P	P. Stalin
18	821119103019	VIMAL R	R. Vimal
19	821119103301	DANIEL NAVIS F	F. Daniel Navis
20	821119103501	KARTHIKEYAN R	R. Karthikeyan


CLASS COORDINATOR
(Mr.K.ARUN)


HOD/CIVIL
(Ms.R.REVATHI)



**DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2020-21 (EVEN SEM)
 II YEAR CIVIL / IV SEM
 SWAYAM COURSE DETAILS**

05.03.2021

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821119103001	AGALYA B	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
2	821119103002	ANBUMANI S	Safety in Construction	8 Weeks	Assignments Submitted
3	821119103003	ARUNKUMAR M	Safety in Construction	8 Weeks	Assignments Submitted
4	821119103004	ARUNPRASAD S	Principles of Construction Management	8 Weeks	Assignments Submitted
5	821119103005	DIVYA S	Principles of Construction Management	8 Weeks	Assignments Submitted
6	821119103006	JANANI T S	Safety in Construction	8 Weeks	Assignments Submitted
7	821119103007	JAYACHANDRAN N	Safety in Construction	8 Weeks	Assignments Submitted
8	821119103008	JAYASEELAN M	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
9	821119103010	KURALARASAN R	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
10	821119103011	MADHUMITHA R	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
11	821119103012	MONIKA M	Safety in Construction	8 Weeks	Assignments Submitted
12	821119103013	PREMKUMAR J	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
13	821119103014	RENGESWARI R	Safety in Construction	8 Weeks	Assignments Submitted
14	821119103015	RUBIKA M	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
15	821119103016	SANTHOSH S	Principles of Construction Management	8 Weeks	Assignments Submitted
16	821119103017	SATHYA P	Safety in Construction	8 Weeks	Assignments Submitted
17	821119103018	STALIN P	Principles of Construction Management	8 Weeks	Assignments Submitted
18	821119103019	VIMAL R	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
19	821119103301	DANIEL NAVIS F	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
20	821119103501	KARTHIKEYAN R	Principles of Construction Management	8 Weeks	Assignments Submitted

K. Arun
 CLASS COORDINATOR
 (Mr.K.ARUN)

Revathi
 HOD/CIVIL
 (Ms.R.REVATHI)



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Introduction to Civil Engineering Profession

By Prof. Ravindra Gettu, Prof. Subhadeep Banerjee | IIT Madras

Join (/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce42) Learners enrolled: 1411

Introduction to Civil Engineering Profession _ Introductory video



The course introduces the civil engineering profession and the degree programme to first year students and prospective students. The different disciplines of civil engineering are briefly explained, along with the pre-requisites, scope and opportunities. Career prospects and novel/emerging areas are also presented. This should be a compulsory first course in civil engineering to present the perspective for the undergraduate students.

INTENDED AUDIENCE : 1st year civil engineering students

PREREQUISITES : High school education

INDUSTRY SUPPORT : NIL

Summary

Course Status :	Upcoming
Course Type :	Core
Duration :	8 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	◦ Civil Engineering

Credit Points :

Level :



2
Undergraduate



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(https://www.addtoany.com/share?url=https%3A%2F%2Fonlinecourses.nptel.ac.in%2Fnoc22_ce42%2Fpreview&title=Introduction%20to%20Civil%20Engineering%20Profession%20-%20Course)

Course layout

Week 1: What is Civil Engineering? Different disciplines of civil engineering. Scope and prospects. Heritage structures, architecture **Week 2:** Environmental Engineering. Prevention of environmental impact. Pollution, waste and water treatment **Week 3:** Geotechnical Engineering. Soil mechanics and foundations. Hydraulics and water resources **Week 4:** Construction Materials and Methods. Infrastructure Engineering. Sustainability **Week 5:** Structural Engineering. Analysis, design and modelling **Week 6:** Highway Engineering. Traffic Engineering and Planning **Week 7:** Automation and Robotics in Construction. Water Security **Week 8:** Novel areas. Career Prospects

Books and references

NILL

Instructor bio



Prof. Ravindra Gettu

IIT Madras

Prof. Ravindra Gettu is a chair professor of civil engineering at IIT Madras. He has coordinated the introductory course at IITM and given lectures at other institutes on civil engineering for more than 10 years. He has a wide range of experience in research, education and consultancy. His specific area of expertise is construction materials.



Prof. Subhadeep Banerjee

Prof. Subhadeep Banerjee is an associate professor of civil engineering at IIT Madras. He received his PhD in Civil Engineering from National University of Singapore in 2010. Since 2012, he is involved in teaching various civil engineering core courses, such as Geology & Soil Mechanics, and Advanced Foundation Engineering for UG and PG students. His expertise includes seismic soil-foundation interactions, cyclic behaviour of geomaterials and finite element analysis of complex dynamic problems.



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Safety in Construction

By Prof. J. Uma Maheswari | IIT Delhi

Join (/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce39) Learners enrolled: 2434

Intro Video



This course aims to make the students well-versed with the latest safety and health regulations and the Indian Standards applicable to the construction industry. At the end of this course, the students will be able to plan, assess, analyze and manage the hazardous construction project sites.

INTENDED AUDIENCE : Civil Engineering Students

PREREQUISITES : Not required


INDUSTRIES SUPPORT : Any Construction Industry

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	8 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	• Civil Engineering
Credit Points :	2
Level :	Undergraduate/Postgraduate

This is an AICTE approved FDP course

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PRINCIPLES OF CONSTRUCTION MANAGEMENT

PROF. SUDHIR MISHRA
Department of Civil Engineering
IIT Kanpur

TYPE OF COURSE : Rerun | Core | UG
COURSE DURATION : 8 weeks (18 Jan'21 - 12 Mar'21)
EXAM DATE : 21 Mar 2021

INTENDED AUDIENCE : B.E./B.Tech

PRE-REQUISITES : There are no real 'pre-requisites' to this course but an exposure to construction projects would make the understanding easier.

INDUSTRIES APPLICABLE TO : It is hoped that engineers working in different contracting, consulting and other organizations related to construction projects will find the course useful, specially as a tool in induction training.

COURSE OUTLINE :

Though the course primarily targets students of civil engineering in colleges, other engineering students may also find it interesting. The course seeks to present a rounded view of the diverse issues involved in the management of construction projects, and includes aspects like construction economics, quality and safety management, and contract management, apart from time management and scheduling, estimation. It is hoped that engineers working in contracting, consulting and other organizations related to construction projects will also find the course useful.

ABOUT INSTRUCTOR :

Professor Sudhir Misra is Professor at the Department of Civil Engineering, Indian Institute of Technology Kanpur and has a keen interest in concrete materials, construction and engineering. He has worked with consulting and construction companies also during his 35 years of professional experience, and also led the effort to initiate a graduate programme in Infrastructure Engineering and Management at IIT Kanpur. He has been a member of committees of the BIS and also worked with professional organizations in Japan and India. His research interests include durability and non-destructive testing of concrete and development and utilization of special concretes. A lecture module of Concrete Engineering and Technology by him is also available online under the NPTEL scheme of the Government of India.

COURSE PLAN :

- Week 01** : General overview and project organization
- Week 02** : Estimation of project cost
- Week 03** : Construction Economics
- Week 04** : Planning and scheduling: part-1
- Week 05** : Planning and scheduling: part-2
- Week 06** : Quality management
- Week 07** : Safety Management
- Week 08** : Legal aspects of a construction project
Transfer matrix method



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-21 (EVEN SEM)
III YEAR CIVIL / VI SEM
SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
1	821118103001	ABINAYA P	P. Abin.
2	821118103003	ARAVINTH M	S. Aravinth
3	821118103004	CHANDRU S	S. Chandru
4	821118103005	DEENATHAYALAN V	V. Deenath
5	821118103006	DHINAKARAN D	D. Dhina
6	821118103007	JAYALAKSHMI S	S. Jaya Lakshmi
7	821118103008	JAYASHREE S	S. Jayashree
8	821118103009	JOSHI A	A. Joshi
9	821118103010	KALAIKUMAR S	S. Kalai
10	821118103011	KARIKALAN S	S. Karika
11	821118103013	MANIKANDAN M	M. Manikandan
12	821118103014	NANDHINI R	R. Nandhini
13	821118103016	PADMA REKA R	R. Padma Reka
14	821118103017	PATRICK ANTONY SAMY A	A. Patrick Antony
15	821118103018	PAVITHRA C	C. Pavithra
16	821118103019	PRIYANKA B	B. Priyanka
17	821118103020	ROOSIKA K	K. Roosika
18	821118103021	SARMILA N	N. Sarmila
19	821118103022	SETHUBALA T	T. Sethubala
20	821118103023	THILAK M	M. Thilak
21	821118103024	VIJAYA PRAKASH R	R. Vijaya
22	821118103025	VINOTHKUMAR J	J. Vinoth Kumar
23	821118103301	ABRAHAM RAJA J	J. Abraham Raja
24	821118103302	JEGAN S	S. Jegan
25	821118103303	RAHINI S	S. Rahini
26	821118103304	SIVASHANKAR M	M. Sivashankar
27	821118103305	VAITHEESWARAN B	B. Vaitheeswaran

Ms. V. Ishwarya
CLASS COORDINATOR
(Ms.V.ISHWARYA)

Ms. R. Revathi
HOD/CIVIL
(Ms.R.REVATHI)



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-21 (EVEN SEM)
III YEAR CIVIL / VI SEM
SWAYAM COURSE DETAILS**


05.03.2021

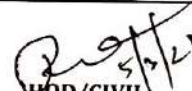
S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821118103001	ABINAYA P	Advanced foundation Engineering	12 Weeks	Assignments Submitted
2	821118103003	ARAVINTH M	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
3	821118103004	CHANDRU S	Geomorphology	12 Weeks	Assignments Submitted
4	821118103005	DEENATHAYALAN V	Advanced foundation Engineering	12 Weeks	Assignments Submitted
5	821118103006	DHINAKARAN D	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
6	821118103007	JAYALAKSHMI S	Advanced foundation Engineering	12 Weeks	Assignments Submitted
7	821118103008	JAYASHREE S	Advanced foundation Engineering	12 Weeks	Assignments Submitted
8	821118103009	JOSHI A	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
9	821118103010	KALAIKUMAR S	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
10	821118103011	KARIKALAN S	Advanced foundation Engineering	12 Weeks	Assignments Submitted
11	821118103013	MANIKANDAN M	Geomorphology	12 Weeks	Assignments Submitted
12	821118103014	NANDHINI R	Advanced foundation Engineering	12 Weeks	Assignments Submitted
13	821118103016	PADMA REKA R	Geomorphology	12 Weeks	Assignments Submitted
14	821118103017	PATRICK ANTONY SAMY	Advanced foundation Engineering	12 Weeks	Assignments Submitted
15	821118103018	PAVITHRA C	Advanced foundation Engineering	12 Weeks	Assignments Submitted
16	821118103019	PRIYANKA B	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
17	821118103020	ROOSIKA K	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
18	821118103021	SARMILA N	Advanced foundation Engineering	12 Weeks	Assignments Submitted
19	821118103022	SETHUBALA T	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
20	821118103023	THILAK M	Geomorphology	12 Weeks	Assignments Submitted
21	821118103024	VIJAYA PRAKASH R	Advanced foundation Engineering	12 Weeks	Assignments Submitted

ACADEMIC YEAR 2020-21 (EVEN SEM)
III YEAR CIVIL / VI SEM
SWAYAM COURSE DETAILS

05.03.2021

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
22	821118103025	VINOTHKUMAR J	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
23	821118103301	ABRAHAM RAJA J	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
24	821118103302	JEGAN S	Geomorphology	12 Weeks	Assignments Submitted
25	821118103303	RAHINI S	Advanced foundation Engineering	12 Weeks	Assignments Submitted
26	821118103304	SIVASHANKAR M	Digital land surveying and Mapping (DLS&M)	8 Weeks	Assignments Submitted
27	821118103305	VAITHEESWARAN B	Advanced foundation Engineering	12 Weeks	Assignments Submitted


CLASS COORDINATOR
(Ms.V.ISHWARYA)


HOD/CIVIL
(Ms.R.REVATHI)


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Advanced Foundation Engineering

By Prof. Kousik Deb | IIT Kharagpur

 Join [\(Update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce32\)](#) **Learners enrolled: 1524**

Advanced Foundation Engineering



The course will focus on the design of shallow foundation on sloping ground, layered soil and under inclined & eccentric loading conditions. Piles under uplift and lateral loading conditions will also be discussed. In the undergraduate core course on Foundation Engineering, these topics are either not covered or discussed in simplified form. In the proposed course, these advanced topics will be discussed in detail. This course is useful for both UG and PG student. The course is also suitable for students who are preparing for competitive examination. Field Engineers can be benefited from this course as the design of foundations under critical conditions (those are not generally covered in UG core foundation engineering course) will be discussed here.

INTENDED AUDIENCE : UG and PG students, Research Scholars and Practicing Engineers can also take this course.

PREREQUISITES : BE Students can take after completing third year or after completing "Soil Mechanics" and "Foundation Engineering" courses. ME and PhD students can take during first semester of their course work.

INDUSTRIES SUPPORT : Most of the Civil Engineering companies

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	12 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	<ul style="list-style-type: none"> Civil Engineering
Credit Points :	3
Level :	Undergraduate/Postgraduate

This is an AICTE approved FDP course

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(https://www.addtoany.com/share?url=https://swayam.gov.in/about-us/all-courses/learn2kannancivil@gmail.com/(profile)-Advanced%20Foundation%20Engineering%20Course)

Course layout

- Week 1:** Introduction, planning of soil exploration for different projects, methods of borings along with various penetration tests, geophysical soil exploration
- Week 2:** Shallow foundations, methods of estimating bearing capacity of footings and rafts, foundations under eccentric loading.
- Week 3:** Foundations under inclined loading, foundations on slope, foundations with tilted base.
- Week 4:** Bearing capacity of foundations on layered soil.
- Week 5:** Methods of estimating settlement of footings and rafts, concept of Beams on Elastic Foundation.
- Week 6:** Concept of Beams on Elastic Foundation (continued).
- Week 7:** Proportioning of foundations using field test data, IS codes.
- Week 8:** Pile foundations, pile load tests, methods of estimating load transfer of piles, analytical estimation of load-settlement behavior of piles.
- Week 9:** Pile group capacity and settlement, negative skin friction of piles.
- Week 10:** Laterally loaded piles.
- Week 11:** Uplift capacity of piles, foundations/anchors under uplift loads, well foundation, bearing capacity of well foundations, lateral stability of well foundations.
- Week 12:** IS and IRC codal provisions, elastic theory and ultimate resistance methods for well foundations, foundations on problematic soils: foundations for collapsible and expansive soil.

Books and references

- Braja M. Das, "Principles of Foundation Engineering," PWS Publishing, USA, 1999
- Bowles, J.E., 1997. "Foundation Analysis and Design", Fifth ed, McGraw-Hill, Singapore.
- Murthy, V.N.S., 2001. "Geotechnical Engineering: Principles and Practices of Soil Mechanics and Foundation Engineering", Marcel Dekker, Inc. New York
- Ranjan, G. and Rao, A. S. R., 1991, 2000, 2007. "Basics and Applied Soil Mechanics", New Age International.
- Woodward, J. and Tomlinson, M. 1994, "Pile Design and Construction Practice" Chapman & Hall Poulos, H.G. and Davis, E.H. 1980, "Pile Foundation Analysis and Design" Wiley and Sons

Instructor bio



Prof. Kousik Deb

IIT Kharagpur

Kousik Deb is presently working as Associate Professor in Civil Engineering at IIT Kharagpur. Dr. Deb has more than 11 years of research experience and working in the areas of Geosynthetic-Reinforced Earth, Numerical Modeling, and Embankment stability. He has published/accepted 100 research articles including about 60 papers in referred journals. He has developed number of numerical and analytical models to study the behavior of improved grounds, embankment stability and underground structures. Under Dr. Deb's guidance, 5 Ph.D. are awarded and 5 more are in progress. He has also supervised 13 M.Tech dissertations. Dr. Deb has completed 2 sponsored research projects funded by DST. He has successfully completed more than 12 consultancy projects. As a visiting research fellow at RWTH, Aachen, Germany under DAAD Fellowship, He is the recipient of IIT Roorkee Shamsher Prakash Research Award for outstanding research contribution in Geotechnical Engineering by Young Indian Researcher. He also received IET Young Engineers Award, Excellent Paper Award to Junior Individuals-2008 given by International Association for Computer Methods and Advances in Geomechanics (IACMAG), USA. Dr. Deb also selected for Endeavour Research Fellowship to undertake a Postdoctoral Research programme in Australia. Dr. Deb has gained expertise in the cutting edge technologies on ground improvement such as applications of geosynthetics in roadways. Dr. Deb has offered course on Foundation Engineering under NPTEL Online Certification Programme.

Course certificate

The course is free to enroll and learn from. But if you want a certificate, you have to register and write the proctored exam conducted by us in person at any of the designated exam centres.

The exam is optional for a fee of Rs. 1000/- (Rupees one thousand only).



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Digital Land Surveying And Mapping (DLS&M)

By Prof. J. K. Ghosh | IIT Roorkee

Join

(/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce05) **Learners enrolled: 1334**

Digital Land Surveying and Mapping(DLS&M)



The objective of the course is to provide basics of digital surveying and mapping of earth surface using total station, GPS and mapping software. The course starts with introduction to land surveying followed by fundamentals of total station and its working & measurements for land surveying. Then, fundamentals, working & measurements using GPS for land surveying will be discussed. Followed by mapping fundamentals, digital surveying procedure, working, data reduction etc. Finally, the course will deals with working and demonstration of a digital land surveying and mapping of an area.

This course will uncover all the major topics in pericyclic reactions and organic photochemistry. In addition to lectures there will be tutorial sessions and assignments in this course.

INTENDED AUDIENCE : Diploma/Degree students in Civil Engineering/Geo-spatial technology, Master/Doctoral students in Geomatics/Geo- spatial technology, Field surveyors, Professional persons dealing with Land surveying. It is an application based Course., It is a core course for Civil Engineering, Geo-spatial Technology, Geography etc and an elective course for all domains in which Land surveying may be applied.

PREREQUISITES : Basics of Physics and mathematics upto 12th standard and familiarity with use of computer

INDUSTRY SUPPORT : <http://dir.indiamart.com/impcat/topographic-survey-services.html> (<http://dir.indiamart.com/impcat/topographic-survey-services.html>)

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	8 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	• Civil Engineering
Credit Points :	2
Level :	Undergraduate



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Geomorphology

By Prof. Pitambar Pati | IIT Roorkee

Join ([/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce04](#)) **Learners enrolled: 565**

Geomorphology



Geomorphology deals with the activities of different natural surface and subsurface agents engaged in removal of old and formation of new landforms on the earth's surface. In modern days geomorphic evaluation of each and every area is utmost important for sustainable development. It helps in many fields such as ground water exploration and storage, flood control, waste disposal, smart city development, oil and natural gas exploration, infrastructure development etc.

INTENDED AUDIENCE : Civil Engineering

PREREQUISITES : Engineering Geology (preferable)Engineering Mechanics (Compulsory)

INDUSTRY SUPPORT : All companies that deals with the Civil infrastructure development

Summary

Course Status :	Upcoming
Course Type :	Core
Duration :	12 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	◦ Civil Engineering
Credit Points :	3

Level :



Postgraduate

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(https://www.addtoany.com/share?url=https%3A%2F%2Fonlinecourses.nptel.ac.in%2Fnoc22_ce04%2Fpreview%3Fuser_email%3Darun2kannancivil%40gmail.com&title=Geomorphology%20-%20Course)

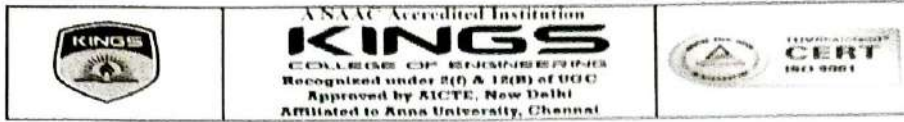
Course layout

- Week 1** : Introduction to Geomorphology, timescale and processes of landform development, role of structure, time and processes, palimpsest nature of present major landforms, equilibrium and evolution, energy flow in geomorphic systems, role of uniformitarianism vs catastrophism in landscape development
- Week 2** : Weathering- mechanical, chemical and biological weathering, weathering of silicate minerals; soils- horizonation, factors affecting pedogenesis, use of
- Week 3** : Paleosols in climatic interpretation and dating of geomorphic surfaces and events, Mass wasting processes – classification and hillslope evolution
- Week 4** : Fluvial Geomorphology: Stream and river processes, processes of transport, channel geometry, concept of grade; depositional features- floodplain, fans, deltas, drainage patterns; morphometric analysis of drainage basins
- Week 5** : Desert Geomorphology- Deserts and global wind patterns, environments of wind action, erosion, transportation and depositional processes of wind. Use of desert geomorphology to study paleoclimate and paleogeography
- Week 6** : Glacial Geomorphology- Formation glacier ice from snow, morphological and thermal classification of glaciers, glacial landforms. Glaciation and isostasy. Quaternary glaciations and their significance
- Week 7** : Coastal geomorphology - Ocean waves, currents and tides, wave reflection and refraction, longshore and rip currents, littoral drift, typical landscapes, effects of base level changes on coastal and fluvial geomorphology: emergence, submergence progradation and erosion level
- Week 8** : Tectonic Geomorphology - Geomorphic indicators of tectonic activity and paleoseismicity- geomorphic indices, process -response models, use of geomorphic elements such as drainage patterns, terminal fans, fluvial and marine terraces, paleosols and alluvial fans in neotectonic interpretation. Geomorphic processes effect on Isostatic adjustment. Mountain front and foreland geomorphology
- Week 9** : Seismic Geomorphology: Seismic Geomorphology an over view, Seismic geomorphology in fluvial environment, in paleogeographic reconstruction, seismic geomorphology on sea bed.
- Week 10**: Exploration geomorphology: Geomorphology in mineral exploration, in ground water exploration, in hydrocarbon exploration
- Week 11**: Engineering geomorphology: Geomorphology in constructing engineering structures such as dam, tunnel, flood control structures and urban planning such as waste disposal sites, water storage sites
- Week 12**: Geomorphological mapping: Methods of preparation of geomorphological map, map elements in different environments. preparation of geomorphological map from satellite images. Study of geomorphic features from toposheets. Use of geomorphological map in developmental projects

Books and references

1. Applied Geomorphology. Allison, R.J., 2002. John Wiley and Sons Ltd. England
2. Martian Geomorphology. Balme, M. R.; Bargery, A. S; Gallagher, C. J. and Gupta, S., 2011. The Geological Society, London
3. Geomorphology and Global Environmental Change. Slaymaker, O.; Spencer, T. and Hamann, C.E., 2009. Cambridge University Press, New York
4. FUNDAMENTALS OF GEOMORPHOLOGY. Huggett, R. J., 2007. Routledge, Taylor & Francis Group, New York
5. Seismic Geomorphology. Application to hydrocarbon exploration and production. Davies, R.J.; Posamentier, H.W.; Wood, L. J. and Cartwright J.A, 2007. The Geological Society of London.
6. Geoinformatics in Applied Geomorphology. Anbazhagan, S.; Subramanian, S. K. and Yang X., 2011. CRC Press, Taylor & Francis Group, London and New York

Instructor bio



**DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2020-21 (EVEN SEM)
 IV YEAR CIVIL / VIII SEM
 SWAYAM COURSE - STUDENT NAMELIST**

S.No.	Reg. Number	Student Name	Signature
1	821117103001	AAKASH KRISHNA S	S. Aakash
2	821117103002	ANTONY JOE N	N. Antony
3	821117103004	BAGAVATHI R	R. Bagavathi
4	821117103006	BOOBALAN A	A. Boobalan
5	821117103007	GAYATHRI R	R. Gayathri
6	821117103008	GOPALAKRISHNAN M	M. Gopalakrishnan
7	821117103009	GOWTHAMAN T	T. Gowthaman
8	821117103010	GURU SWATHIK KS	K. Swathik
9	821117103011	JAYASURIYA K	K. Jayasuriya
10	821117103012	KAUSHIK SIVA V	V. Kaushik Siva
11	821117103014	MARIYA K	K. Mariya
12	821117103016	NAVANEETHAKRISHNAN S	S. Navaneethakrishnan
13	821117103018	NIVASH M	M. Nivash
14	821117103021	RANJITH K	K. Ranjith
15	821117103022	SANTHOSH ANANDH D	D. Santhosh Anandh
16	821117103023	SHALINI S	S. Shalini
17	821117103024	SILAMBARASAN P	P. Silambarasan
18	821117103025	SOUNDARIYA M	M. Soundariya
19	821117103027	SURENDAR KL	L. Surendar
20	821117103028	SURIYA PRASHATH KS	S. Prashath

Kings College of Engineering, Punalkulam

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2020-21 (EVEN SEM)

IV YEAR CIVIL / VIII SEM

SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
21	821117103029	THAMILARASAN T	T. Th.
22	821117103032	YUVARAJ A	Y. Yuvaraj
23	821117103301	AKASH V	V. Akash
24	821117103302	AROKIA ALEX K	A. Arokia Alex
25	821117103303	ARUL STALIN A	A. Arul Stalini
26	821117103304	BOOMIDURAI C	C. Boomidurai
27	811117103305	GURUHARAN S	S. Guruharan
28	821117103308	LOGESH A	A. Logesh
29	821117103309	NARESH VEKKALIDASAN K	K. N. N. Vekkalidasan
30	821117103310	PREMNATH T	T. Premnath
31	821117103311	RAJESH T	T. Rajesh
32	821117103312	RASHIGA R	R. Rashiga
33	821117103313	SAHITTIYA L	L. Sahitthiya
34	821117103314	SANTHOSH KANDHAN P	P. Santhosh Kandhan
35	821117103315	SARAVANAN V	V. Saravanan
36	821117103316	VEVIYAN PAUL L	L. Veviy Paul
37	821117103317	VIGNESH R	R. Vignesh
38	821117103502	KALIDASAN P	P. Kalidasan
39	821117103702	KAVIVARMAN M	M. Kavivarman


CLASS COORDINATOR
(Mr.K.RANJITH)


HOD/CIVIL
(Ms.R.REVATHI)



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-21 (EVEN SEM)
IV YEAR CIVIL / VIII SEM
SWAYAM COURSE DETAILS

05.03.2021

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821117103001	AAKASH KRISHNA S	Safety in Construction	8 Weeks	Assignments Submitted
2	821117103002	ANTONY JOE N	Development and application of special concrete	8 Weeks	Assignments Submitted
3	821117103004	BAGAVATHI R	Geographic Information system	12 Weeks	Assignments Submitted
4	821117103006	BOOBALAN A	Development and application of special concrete	8 Weeks	Assignments Submitted
5	821117103007	GAYATHRI R	Development and application of special concrete	8 Weeks	Assignments Submitted
6	821117103008	GOPALAKRISHNAN M	Safety in Construction	8 Weeks	Assignments Submitted
7	821117103009	GOWTHAMAN T	Safety in Construction	8 Weeks	Assignments Submitted
8	821117103010	GURU SWATHIK KS	Safety in Construction	8 Weeks	Assignments Submitted
9	821117103011	JAYASURIYA K	Development and application of special concrete	8 Weeks	Assignments Submitted
10	821117103012	KAUSHIK SIVA V	Development and application of special concrete	8 Weeks	Assignments Submitted
11	821117103014	MARIYA K	Safety in Construction	8 Weeks	Assignments Submitted
12	821117103016	NAVANEETHAKRISHNA N S	Safety in Construction	8 Weeks	Assignments Submitted
13	821117103018	NIVASH M	Safety in Construction	8 Weeks	Assignments Submitted
14	821117103021	RANJITH K	Geographic Information system	12 Weeks	Assignments Submitted
15	821117103022	SANTHOSH ANANDH D	Development and application of special concrete	8 Weeks	Assignments Submitted
16	821117103023	SHALINI S	Safety in Construction	8 Weeks	Assignments Submitted
17	821117103024	SILAMBARASAN P	Development and application of special concrete	8 Weeks	Assignments Submitted
18	821117103025	SOUNDARIYA M	Development and application of special concrete	8 Weeks	Assignments Submitted
19	821117103027	SURENDAR KL	Geographic Information system	12 Weeks	Assignments Submitted
20	821117103028	SURIYA PRASHATH KS	Safety in Construction	8 Weeks	Assignments Submitted
21	821117103029	THAMILARASAN T	Safety in Construction	8 Weeks	Assignments Submitted

**ACADEMIC YEAR 2020-21 (EVEN SEM)
IV YEAR CIVIL / VIII SEM
SWAYAM COURSE DETAILS**

05.03.2021

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
22	821117103032	YUVARAJ A	Development and application of special concrete	8 Weeks	Assignments Submitted
23	821117103301	AKASH V	Development and application of special concrete	8 Weeks	Assignments Submitted
24	821117103302	AROKIA ALEX K	Safety in Construction	8 Weeks	Assignments Submitted
25	821117103303	ARUL STALIN A	Safety in Construction	8 Weeks	Assignments Submitted
26	821117103304	BOOMIDURAI C	Safety in Construction	8 Weeks	Assignments Submitted
27	811117103305	GURUHARAN S	Geographic Information system	12 Weeks	Assignments Submitted
28	821117103308	LOGESH A	Development and application of special concrete	8 Weeks	Assignments Submitted
29	821117103309	NARESH VEKKALIDASAN	Development and application of special concrete	8 Weeks	Assignments Submitted
30	821117103310	PREMNATH T	Geographic Information system	12 Weeks	Assignments Submitted
31	821117103311	RAJESH T	Safety in Construction	8 Weeks	Assignments Submitted
32	821117103312	RASHIGA R	Safety in Construction	8 Weeks	Assignments Submitted
33	821117103313	SAHITTIYA L	Geographic Information system	12 Weeks	Assignments Submitted
34	821117103314	SANTHOSH KANDHAN P	Development and application of special concrete	8 Weeks	Assignments Submitted
35	821117103315	SARAVANAN V	Geographic Information system	12 Weeks	Assignments Submitted
36	821117103316	VEVIYAN PAUL L	Safety in Construction	8 Weeks	Assignments Submitted
37	821117103317	VIGNESH R	Geographic Information system	12 Weeks	Assignments Submitted
38	821117103502	KALIDASAN P	Development and application of special concrete	8 Weeks	Assignments Submitted
39	821117103702	KAVIVARMAN M	Development and application of special concrete	8 Weeks	Assignments Submitted

K. Ranjith
5/3/21
CLASS COORDINATOR
(Mr.K.RANJITH)

R. Revathi
5/3/21
HOD/CIVIL
(Ms.R.REVATHI)



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Development and Applications of Special Concretes

By Prof. Sudhir Misra | IIT Kanpur

Join (/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce09) Learners enrolled: 746

Introduction - Development and Applications of Special Concretes



Concrete is no longer simply a mixture of water, cement, sand and coarse aggregate – the advent of chemical admixtures and better understanding of the hydration of cement, and other issues relating to properties of concrete, has made it possible to use several other ingredients and have led to the development of several special concretes and construction methods and use concrete in diverse environments. Building on the fundamental principles of normal concrete, this course explains how some commonly used special concretes have been developed and how they are used in different conditions. The course seeks to present a unified view of concrete materials, construction methods and construction environment and examine the matter on parameters such as quality control methods.

INTENDED AUDIENCE : A) Pg Students Of Civil Engineering B) Practising Professionals In The Area Of Concrete Construction

PREREQUISITES : The Course Will Assume Basic Understanding Of Concrete Materials And Construction Processes, Including Expected Performance, Quality Control, Etc.

INDUSTRIES SUPPORT : It Is My Earnest Hope That All Industries Related To Planning, Design And Construction Of Projects Using Concrete Will Find The Material Relevant And Thought Provoking.

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	8 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	<ul style="list-style-type: none">• Civil Engineering• Construction Materials Technology
Credit Points :	2
Level :	Postgraduate



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Safety in Construction

By Prof. J. Uma Maheswari | IIT Delhi

Join (/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce39) **Learners enrolled: 2434**

Intro Video



This course aims to make the students well-versed with the latest safety and health regulations and the Indian Standards applicable to the construction industry. At the end of this course, the students will be able to plan, assess, analyze and manage the hazardous construction project sites.

INTENDED AUDIENCE : Civil Engineering Students

PREREQUISITES : Not required

INDUSTRIES SUPPORT : Any Construction Industry

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	8 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	• Civil Engineering
Credit Points :	2
Level :	Undergraduate/Postgraduate

This is an AICTE approved FDP course

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Geographic Information Systems

By Prof. Arun K. Saraf | IIT Roorkee

Join ([/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce26](https://swayam.gov.in/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce26)) **Learners enrolled: 1144**

Geographic Information Systems



The proposed course provides detailed understanding about Geographic Information Systems and their applications in Civil Engineering and Earth Sciences. All aspects starting from data input to modelling would be discussed in this course. Further, in the proposed course various datasets including DEMs, their source, generation techniques, derivatives, errors and limitations would be discussed extensively. Surface Hydrologic Modelling using DEMs, modelling derivatives and their applications would also be discussed.

INTENDED AUDIENCE: Under and post-graduate engineering, post graduate and doctoral students

PREREQUISITES: Current students of engineering, post graduate science students and PhD students should have basic knowledge of computers

INDUSTRIES SUPPORT: Geoinformatics companies, e.g NIIT, ESRI India, Leica Geoinformatics, MapmyIndia, ISRO, etc.

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	12 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	<ul style="list-style-type: none">◦ Civil Engineering◦ Environment
Credit Points :	3
Level :	Undergraduate/Postgraduate

This is an AICTE approved FDP course

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(<https://www.addtoany.com/share?url=https://swayam.gov.in/about/All-Courses/Learn-Geographic-Information-Systems-20-Course>)

Course layout

Week 1: What is Geographic Information Systems?

- Essential components of GIS
- Different types of vector data
- Concept of topology
- Demonstration through GIS software

Week 2: Raster data model and comparisons with vector

- TIN data model and comparisons with raster
- Non-spatial data (attributes) and their types
- Vector Data Compression Techniques
- Demonstration through GIS software

Week 3: Raster Data Compression Techniques-01

- Raster Data Compression Techniques-02
- Georeferencing
- Pre-processing of spatial datasets-01
- Demonstration through GIS software

Week 4: Pre-processing of spatial datasets-02

- Pre-processing of spatial datasets-03
- Spatial Interpolation Techniques-01
- Spatial Interpolation Techniques-02
- GIS Analysis- 01

Week 5: GIS Analysis-02

- GIS Analysis-03
- GIS Analysis- 04
- GIS Analysis-05
- Demonstration through GIS software

Week 6: GIS Analysis-06

- GIS Analysis-07
- Attributes Classification Methods
- Spatial Database systems and their types-01
- Demonstration through GIS software

Week 7: Spatial Database systems and their types-02

- Concept of NoData in Raster
- Different map projections
- Concept of digital elevation model (DEM) and how it is represented
- Demonstration through GIS software

Week 8: Various techniques to generate digital elevation models-1

- Various techniques to generate digital elevation models-2
- Various techniques to generate digital elevation models-3
- Digital Elevation Models and different types of resolutions
- Demonstration through GIS software

Week 9: How to assess quality of a DEM

- Integration of DEMs with satellite data
- Common derivatives of DEMs - Slope and aspect-01
- Common derivatives of DEMs - Slope and aspect-02
- Demonstration through GIS software

Week 10: Common derivatives of DEMs - Slope and aspect-03

- DEMs derivatives-1
- DEMs derivatives-2
- DEMs derivatives-3
- DEMs derivatives-4

Week 11: Triangulated Irregular Network (TIN) and its derivatives

- Shaded relief models and their applications
- DEM based Surface Hydrologic Modelling-1
- DEM based Surface Hydrologic Modelling-2
- DEMs and Dam Simulation and its application in groundwater hydrology

ACADEMIC

YEAR

2019-2020

VALUE ADDED COURSE





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Dr. R. RAJU
DIRECTOR
Letter No 2359/AU/VA/CAC/2019

copy to HOD (civil)
21/5/19

15 05 2019

To
The Controller of Examinations
Anna University
Chennai - 25



Sr.

Sub A U. - CAC - Affiliated Institutions - Value Added Course - Reg.
Ref Letter No KCE/PRL/VAC/106/18-19, dated:07.05.2019.

With reference to the letter cited above, the following Value Added Course offered by Kings College of Engineering, Pudukkottai, Affiliated Institutions is allotted the course code as detailed below.

S.No	Code Allotted	Title
1	CVA001	Construction Technology

This is for your kind information and necessary action at your end.

Yours faithfully,

[Signature]
16/05/19

DIRECTOR

[Signature]
16/5/19

Copy to:

1. The Chairperson, Faculty of Civil Engineering, Anna University, Chennai - 25.
2. The Principal, Kings College of Engineering, Punalkulam, Gandarvakottai Taluk, Pudukkottai District, Tamilnadu - 613 303.
3. The Stock File



DEPARTMENT OF CIVIL ENGINEERING

SUBJECT : CONSTRUCTION TECHNOLOGY

SEMESTER : V

QUESTION BANK(CE501)

(Version : 1)

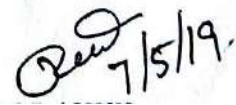
PREPARED BY

Ms.K.JEYASHANKARI, AP/CIVIL

CE501	CONSTRUCTION TECHNOLOGY	L T P C 2 0 0 2
UNIT I	STANDARD METHODS OF MEASUREMENTS AND UNITS	8
System of units-Fundamental & Derived units-conversion of units -Civil engineering measurements- Measurements of materials and works-Accuracy of results.		
UNIT II	BUILDING PLANNING	8
Building plan-Specifications-Drawing- Building bye laws and Regulations		
UNIT III	ESTIMATION-ABSTRACT AND DETAILING	8
Types of Estimates-Detail & Abstract Estimates of Buildings- Analysis of Rates- Estimation of Quantities of Steel & RCC Elements-Earthwork calculations-Detailed estimate.		
UNIT IV	STRUCTURAL ELEMENTS	8
Materials for Reinforced Concrete-Bar Bending-Sheet centering-Scaffolding.		
UNIT V	FIELD/SITE WORK/CONSTRUCTION ACTIVITIES	8
Site marking-Foundation-Plinth Beam-Components of building		
TOTAL : 40 PERIODS		



**STAFF INCHARGE
(Ms.K.JEYASHANKARI)**



**HOD/CIVIL
(Mrs.R.REVATHI)**



**DEPARTMENT OF CIVIL ENGINEERING
COURSE PLAN**

Sub. Code : CE501	Branch/Year/Sem : B.E CIVIL /III/V
SubName : Construction Technology	Batch : 2017-2021
Staff Name : Ms.K.Jeyashankari	Academic Year :2019-2020 (ODD)

COURSE OBJECTIVE

Students will be able to:

- To learn the fundamental units of materials used in construction.
- To know the specifications used for building planning.
- To learn the abstract Estimates of Buildings
- To understand the effect of bar bending in reinforced concrete.
- To know the field work in construction
- To know and understand the general construction processes and their sequences

TEXTBOOKS:

- T1.** N.Mathankumar, “Estimating and Quantity Surveying”,ARS Publications, Chennai 2018
- T2.** G.S.Birdie and T.D.Ahuja., “Building Construction and Construction materials”, Dhanpat Rai Publishing Company, 4th edition, New Delhi,2007.

REFERENCES:

- R1.**Karthikeyan.N,V.Soundararajan, K.Chandrasekar,“Construction Materials”, ARS Publications, Chennai, 2015.
- R2.**Bhavikatti.S.S, “Building Materials”, Vikas Publishing House Pvt Ltd,2015.

WEB RESOURCES

- W1.** <https://www.slideshare.net/mrmartella/standards-of-measurement-presentation> **(Topic.No:01)**
- W2.** <https://www.slideshare.net/RCNandish/bye-laws> **(Topic.No:10)**
- W3.** <https://nptel.ac.in/courses/105104161/8> **(Topic.No:12)**
- W4.** <https://nptel.ac.in/courses/105102088/2> **(Topic.No:17)**
- W5.** <https://nptel.ac.in/courses/105102088/> **(Topic.No:20)**

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
UNIT I STANDARD METHODS OF MEASUREMENTS AND UNITS					8	
01	System of units	T1 W1	1.8	BB PPT	1	1
02	Fundamental & Derived units	T1	1.8	BB	1	2
03	Conversion of units	T1	1.8	BB	1	3
04	Civil engineering measurements	T1 R1	1.11 17,35	BB	1	4
05	Measurements of materials and works	T1	95-112	BB	2	6
06	Accuracy of results	T1	1.10	BB	2	8
LEARNING OUTCOME						
At the end of this unit, students will be able to						
<ul style="list-style-type: none"> • Learn about the Fundamental & Derived units • Understand the Civil engineering measurements 						
UNIT II BUILDING PLANNING					8	
7	Building plan	T2 R2	26.489 1.1	BB	2	10
8	Specifications	T1 T2	3.16-3.37 21.435- 21.449	BB	2	12
9	Drawing	T2	26.491- 26.502	BB	2	14
10	Building bye laws and Regulations	T2 W2	26.493	BB PPT	2	16
LEARNING OUTCOME						
At the end of this unit, students will be able to						
<ul style="list-style-type: none"> • Draw the Building plan • Study the building regulations 						
UNIT III ESTIMATION-ABSTRACT AND DETAILING					8	
11	Types of Estimates	T1	1.3	BB	1	17
12	Detail & Abstract Estimates of Buildings	T1 W3	1.5-1.6	BB NPTEL	1	18
13	Analysis of Rates	T1 T2	3.4-3.9 21.439	BB	1	19
14	Estimation of Quantities of Steel & RCC Elements	T1	1.12-1.16	BB	1	20
15	Earthwork calculations	T1 R1	2.42 126	BB	2	22
16	Detailed estimate	T1	1.7-1.88	BB	2	24

Topic No	Topic	Books for Reference	Page No.	Teaching Methodology	No. of Hours Required	Cumulative No. of periods
LEARNING OUTCOME						
At the end of this unit, students will be able to						
<ul style="list-style-type: none"> • Study the analysis of rates • Understand the Earthwork calculations 						
UNIT IV STRUCTURAL ELEMENTS					8	
17	Materials for Reinforced Concrete	T2 R1 W4	18.348 95-115	BB NPTEL	2	26
18	Bar Bending	T2 R2	18.350 4.20	PPT	2	28
19	Sheet centering	T2	7.178	BB	2	30
20	Scaffolding	T2 W5	7.172	NPTEL	2	32
LEARNING OUTCOME						
At the end of this unit, students will be able to						
<ul style="list-style-type: none"> • Know the materials required for Reinforced Concrete • Understand the requirement of bar bending and Sheet centering 						
UNIT V FIELD/SITE WORK/CONSTRUCTION ACTIVITIES					8	
21	Site marking	T2	2.13-2.14	On site	2	34
22	Foundation	T2 R2	3.2-3.5 4.2	On site	2	36
23	Plinth Beam	T2	3.69	On site	2	38
24	Components of building	T2	8.185 9.217 10.235 11.248 12.266	On site	2	40
LEARNING OUTCOME						
At the end of this unit, students will be able to						
<ul style="list-style-type: none"> • Do the Site marking in Construction • Know the reinforcement detailing in Foundation 						

COURSE OUTCOME

At the end of the course, the students will be able to

- To understand the knowledge of planning and construction
- Learn the building bye laws and regulations
- Know the sustainable concept in constructions
- Understand the concept of doing scaffolding in construction site

CONTENT BEYOND THE SYLLABUS

- Study of building construction in India.

INTERNAL ASSESMENT DETAILS

ASS NO	I	II
TOPIC	1-14	15-24
DATE		

ASSIGNMENT DETAILS

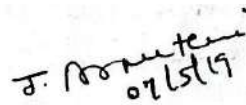
ASSIGNMENT	I	II
Topic Nos/Activity	1-14	PCE
Date		



Prepared by
Ms.K.JEYASHANKARI
AP/CIVIL



Verified By
HOD/CIVIL



Approved by
PRINCIPAL
PRINCIPAL
Kings College of Engineering
Punalkulam- 613 303.



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2019-2020 ODD SEM

Batch: 2017-2021

Year/semester: III/V

Session	1	2	3	12:30-1:30 A.M	4	5	6
DAY	09:30-10.30 A.M	10:30-11.30 A.M	11:30-12.30 A.M		019:30-2.30 A.M	02:30-03.30 A.M	03:30-04.30 A.M
SAT	CE501-construction technology			Lunch break			

SUB CODE	NAME OF THE SUBJECT	CREDITS	NAME OF THE STAFF	DEPT	PERIODS /WEEK
CE501	Construction Technology	2	Ms.K.Jeyasankari	CE	3

Reddy
7/5/19.

HOD/CIVIL

J. Ananthan
07/5/19

PRINCIPAL

AFFILIATED INSTITUTIONS
FACULTY OF CIVIL ENGINEERING
APPROVED LIST OF VALUE ADDED COURSES

Sl. No	Code	Subject name	L	T	P	C
1.	CVA001	Construction Technology	2	0	0	2
2.	CVA002	Integrated Structural Engineering of Building Structures	1	0	0	1
3.	CVA003	Computational Fluid Dynamics	1	0	0	1
4.	CVA004	AUTOCAD	1	0	2	2
5.	CVA005	Structural Analysis and Design	1	0	2	2
6.	CVA006	Civil Engineering Drawing and Bar Bending Schedule	2	0	0	2
7.	CVA007	Project Planning and Management	1	0	2	2
8.	CVA008	Interior Decoration	1	0	0	1
9.	CVA009	Vaasthu and Building Plan	1	0	0	1
10.	CVA010	3D's MAX	2	0	0	2
11.	CVA011	STAAD Pro Design Software	1	0	0	1
12.	CVA012	STAAD Pro V8i	1	0	2	2
13.	CVA013	STAAD Pro V8i Series 4	1	0	2	2
14.	CVA014	Primavera (P6) Project Management	1	0	0	1
15.	CVA015	Safety Aspects in Construction	2	0	0	2
16.	CVA016	3D Building Design Using Revit Architecture	2	0	0	2
17.	CVA017	Computer Applications in Civil Engineering	2	0	0	2
18.	CVA018	Industrial Waste Management	2	0	0	2
19.	CVA019	Professional Practices in Civil Engineering Construction	2	0	0	2
20.	CVA020	3D Printing Technology for Civil Engineering	1	0	0	1
21.	CVA021	Building Modeling Using 3D Revit Architecture	2	0	0	2
22.	CVA022	Project Scheduling with Primavera P6	2	0	0	2
23.	CVA023	E Tabs Software	0	0	2	1
24.	CVA024	Geospatial Mapping	0	0	2	1
25.	CVA025	Modern Equipments and Its Applications	2	0	0	2

26.	CVA026	Advanced Field Surveying	0	0	2	1
27.	CVA027	Model Generation and Static Analysis of Structures	0	0	2	1
28.	CVA028	Recent Trends in Design and Detailing of Structures	0	0	2	1
29.	CVA029	Design and Systematic Analysis of Civil Structures	2	0	0	2
30.	CVA030	Building Information Modeling and MS Project	2	0	0	2
31.	CVA031	Fire Protection, Services and Maintenance Management of Building	2	0	0	2

Uff
26/9/2020

DIRECTOR
CENTRE FOR ACADEMIC COURSES

M
23/9/2022



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2019-2020)

S.NO.	REGISTER NO.	STUDENT NAME
1	821117103001	AAKASH KRISHNA S
2	821117103002	ANTONY JOE N
3	821117103004	BAGAVATHI R
4	821117103006	BOOBALAN A
5	821117103007	GAYATHRI R
6	821117103008	GOPALAKRISHNAN M
7	821117103009	GOWTHAMAN T
8	821117103010	GURU SWATHIK KS
9	821117103011	JAYASURIYA K
10	821117103012	KAUSHIK SIVA V
11	821117103014	MARIYA K
12	821117103016	NAVANEETHAKRISHNAN S
13	821117103018	NIVASH M
14	821117103021	RANJITH K
15	821117103022	SANTHOSH ANANDH D
16	821117103023	SHALINI S
17	821117103024	SILAMBARASAN P
18	821117103025	SOUNDARIYA M
19	821117103027	SURENDAR KL
20	821117103028	SURIYA PRASHATH KS
21	821117103029	THAMILARASAN T
22	821117103032	YUVARAJ A
23	821117103301	AKASH V
24	821117103302	AROKIA ALEX K
25	821117103303	ARUL STALIN A
26	821117103304	BOOMIDURAI C
27	811117103305	GURUHARAN S
28	821117103308	LOGESH A
29	821117103309	NARESH VEKKALIDASAN K
30	821117103310	PREMNATH T
31	821117103311	RAJESH T
32	821117103312	RASHIGA R
33	821117103313	SAHITTIYA L
34	821117103314	SANTHOSH KANDHAN P
35	821117103315	SARAVANAN V
36	821117103316	VEVIYAN PAUL L
37	821117103317	VIGNESH R

Attendance Particulars												
Roll No.	Name	Date	22	22	22	22	29	29	29	29	6	6
		Month	6	6	6	6	6	6	6	6	7	7
		Period	1	2	3	4	1	2	3	4	1	2
1	Aakash Krishna.S	/	/	/	/	/	/	/	/	/	/	/
2	Antony Joe.N	/	/	/	/	/	/	/	/	/	a	a
3	Bagavathi.R	/	/	/	/	/	/	/	/	/	/	/
4	Boobalan.A	/	/	/	/	/	/	/	/	/	/	/
5	Gayathri.R	/	/	/	/	/	/	/	/	/	/	/
6	Gopalakrishnan.M	/	/	/	/	/	/	/	/	/	/	/
7	Govthaman.T	/	/	/	/	/	/	/	/	/	/	/
8	Guruswathik.K.S	/	/	/	/	/	/	/	/	/	/	/
9	Jayasuriga.K	/	/	/	/	/	/	/	/	/	/	/
10	Kaushik Siva.V	/	/	/	/	/	/	/	/	/	a	a
11	Maheshwaran.G T.C	a	a	a	a	a	a	a	a	a	a	a
12	Mariya.K	/	/	/	/	/	/	/	/	/	/	/
13	Mohammed Nazim.M T.C	a	a	a	a	a	a	a	a	a	a	a
14	Naraneethakrishnan.S	/	/	/	/	/	/	/	/	/	a	/
15	Nivash.M	/	/	/	/	/	/	/	/	/	/	/
16	Ramkumar.C T.C	a	a	a	a	a	a	a	a	a	a	a
17	Ranjith.K	/	/	/	/	/	/	/	/	/	/	/
18	Santhosh Anandh.D	/	/	/	/	/	/	/	/	/	a	a
19	Shobini.S	/	/	/	/	/	/	/	/	/	/	/
20	Silambarasan.P	/	/	/	/	/	/	/	/	/	/	/
21	Soundariya.M	/	/	/	/	/	/	/	/	/	/	/
22	Suresh.K.L	/	/	/	/	/	/	/	/	/	/	/
23	Suriyaprabath.K.S	/	/	/	/	/	/	/	/	/	/	/
24	Thamilarasan.T	/	/	/	/	/	/	/	/	/	a	a
25	Yularaj.A	/	/	/	/	/	/	/	/	/	/	/

Roll No.	6	6	13	13	13	13	20	20	20	20
	7	7	7	7	7	7	7	7	7	7
	3	4	1	2	3	4	1	2	3	4
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11	a	a	a	a	a	a	a	a	a	a
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22	/	/	/	/	/	/	/	/	/	/
23	/	/	/	/	/	/	/	/	/	/
24	a	a	/	/	/	/	/	/	/	/
25	/	/	/	/	/	/	/	/	/	/

Attendance Particulars

Roll No.	Name	Date	21	22	23	24	25	26	27	28	29	30	31	3	6	
		Month	6	6	6	6	6	6	6	6	6	6	6	6	7	7
		Period	1	2	3	4	1	2	3	4	1	2			1	2
26	Akash.V	/	/	/	/	/	/	/	/	/	/	/	/	a	a	
27	Atokia Alex K	/	/	/	/	/	/	/	/	/	/	/	/	a	a	
28	Arul Stalin.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
29	Boomidurai.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
30	Guru Haran.S	/	/	/	/	/	/	/	/	/	/	/	/	a	a	
31	Logesh.A	/	/	/	/	/	/	/	/	/	/	/	/	a	a	
32	Narash Vekkalidaran.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
33	Premnath.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
34	Rajesh.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
35	Rashiga.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
36	Sabithiya.L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
37	Santhosh kandhan.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
38	Saravanan.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
39	Veniyas Paul.L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
40	Vignesh.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
41																
42																
43																
44																
45																
46																
47																
48		PRESENT	37	37	37	37	37	37	37	37	37	37	37	28	29	
49		ABSENT	3	3	3	3	3	3	3	3	3	3	3	12	11	
50		STAFF SIGNATURE	[Signatures]													

Roll No.	6	6	13	13	13	13	20	20	20	20
	7	7	7	7	7	7	7	7	7	7
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40	/	/	/	/	/	/	/	/	/	/
41										
42										
43										
44										
45										
46										
47										
48	31	29	33	33	33	33	37	37	37	37
49	9	11	7	7	7	7	3	3	3	3
50	[Signatures]									

Attendance Particulars

Roll No.	Name	Date
		Month
		Period
26	Akash.V	
27	Atolia Alex K	
28	Arul Stalin.A	
29	Boomidurai.C	
30	Guruharan.S	
31	Logesh.A	
32	Naresh Vekkalada	
33	Premnath.T	
34	Rajesh.T	
35	Rashiga.R	
36	Sabiffiya.L	
37	Santhosh kandha	
38	Sasaranan.V	
39	Veniyas Paul.L	
40	Vignesh.R	
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		

STAFF SIGNATURE

Roll No.	27	27	27	27	3	3	3	3	17	17
	1	1	1	1	2	2	2	2	1	1
	1	2	3	4	1	2	3	4	1	2
26	/	/	/	/	/	/	/	/	a	a
27	/	/	/	/	a	a	a	a	a	a
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39	/	/	/	/	/	/	/	/	/	/
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41										
42										
43										
44										
45										
46										
47										
48										
49										
50										

Roll No.	17	17	17	24	24	24	24	31	31	31	31
	8	8	8	8	8	8	8	8	8	8	8
	3	4	1	2	3	4	1	2	3	4	
26	a	a	/	/	/	/	/	/	/	/	/
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37	a	a	/	/	/	/	/	/	/	/	/
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39	/	/	/	/	/	/	/	/	/	/	/
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41											
42											
43											
44											
45											
46											
47											
48	25	25	31	31	31	31	37	37	37	37	37
49	15	15	9	9	9	9	3	3	3	3	3
50											



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2019-2020 (ODD SEMESTER)

VALUE ADDED COURSE-REPORT

"CVA001-CONSTRUCTION TECHNOLOGY"

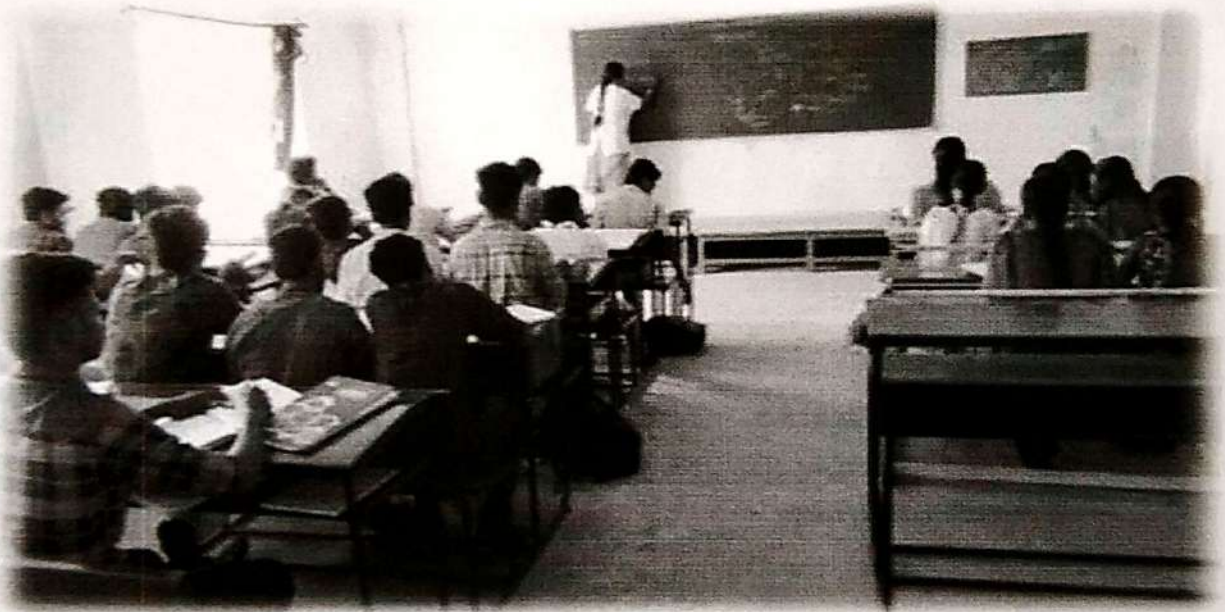
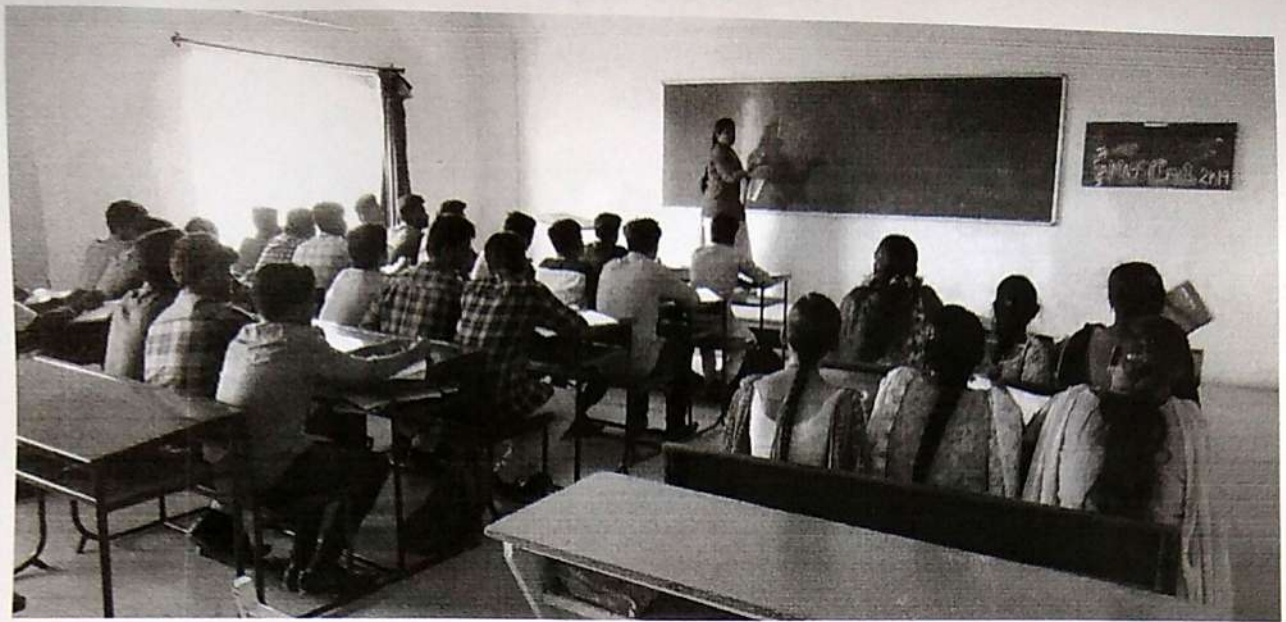
The department of civil engineering, Kings College of engineering, conducted a value added course titled on *"CVA001-CONSTRUCTION TECHNOLOGY"* from 20.06.2019 to 19.10.2019 for the pre-final year (V semester) civil students. Totally 37 students have enrolled for the course. Ms.K.Jeyashankari AP/CIVIL Coordinated the course.

After getting approval from HOD/CIVIL and Principal of kings college of engineering, the syllabus of value added course construction technology was approved from the director, center for academic courses, Anna university, Chennai with the course code CAV001. 2 credits are assigned to the value added course by the Anna University. The course commences on 20.06.2019 and ends on 19.10.2019. The course was successfully completed for the batch 2017-2021.

SESSION DETAILS

VAC session was handled by Ms. K. Jayasankari AP/CIVIL, she discussed about Construction technology and construction materials. She also explained the collection of innovative tools, machinery, modifications, software, etc. used during the construction phase of a project that enables advancement in field construction methods, including semi-automated and automated construction equipment.

She also discussed about the importance of concrete equipment's include mixers, gloves, wheelbarrows, work boots, safety glasses, shovels, digging bars, screeds, vibrators, tape measures, vapour retarders, saws, floats, groove cutters and pails and buckets.

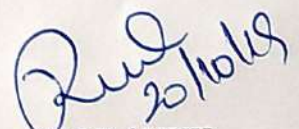


OUTCOME

Students gain skills through the Value-Added Courses, which will enable them to face the formidable challenges of the future.


20/10/19
COURSE COORDINATOR

(Ms. K. JEYASHANKARI)


20/10/19
HOD/CIVIL

(Ms. R. REVTHI)

CDC COURSES





DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2019-20 /EVEN SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC) - COMMUNICATION SKILLS - CURRICULUM

CDC NAME	: Communication Skills
YEAR/SEM	: II CIVIL/IV
BATCH	: 2018-2022
DURATION	: 15 Hours
TOTAL NO OF STUDENTS	: 28
NAME OF THE RESOURCE PERSON	: Mr.P.Rajeshwaran
ASSESSMENT PROCEDURE	: Quiz

CHAPTER - 1 LISTENING

- Introduction to Listening, Listen for gist and respond
- Listen for details and key words to understand specific meaning
- Listen and respond to questions and requests for personal information
- Listen to simple conversations in everyday contexts and respond
- Listening to intonation

CHAPTER – 2 ORAL COMMUNICATION

- Use conversation starters: introducing oneself; introducing others; small talk: family, friends, hobbies, profession, studies etc
- Pronunciation practice: Stress and syllables; word stress; contracted forms; utterance stress; uses of a dictionary for pronunciation practice
- Summarize academic readings and lectures, and make presentations
- Pronunciation practice: Problem sounds
- Use appropriate language to request and respond to requests

CHAPTER – 3 BASIC READING SKILLS

- Skimming through reading texts and determine two or more main ideas or themes
- Scanning through reading texts to understand and explain how key details support the main ideas or themes

CHAPTER – 4 UNDERSTANDING TEXT STRUCTURES

- Understanding text structures
- Reading texts to have these structures: sequencing, comparing and contrasting, relating cause and effect, problems and problem solving
- Noticing and discussing rhetorical and cultural aspects depicted in texts
- Learning the structure of paragraphs and cohesive devices used in reading texts

CHAPTER – 5 INFORMAL AND FORMAL COMMUNICATION

- Write informal letters, applications, and official letters of request
- Write official e-mails, memos and notices

CHAPTER – 6 PREPARING FOR THE JOB

- Becoming successful in group discussions
- Learning the presentation skills: presentation strategies – from notes to presenting; group, pair, individual presentations
- Interview taking skills
- Non-Verbal Communication (Using appropriate body language, Using positive facial expressions, Using polite eye contact, Visuals and self-awareness questionnaires to be used)


CDC In-charge


HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2019-2020(EVEN)

COMPETENCY DEVELOPMENT CLASS-COMMUNICATION SKILLS

STUDENT NAMELIST

BATCH:2018-2022

CLASS/SEM:II/IV

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821118103001	ABINAYA P	P. Abinaya
2	821118103002	AKASH A	A. Akash
3	821118103003	ARAVINTH M	A. Aravindh
4	821118103004	CHANDRU S	C. Chandru
5	821118103005	DEENATHAYALAN V	V. Deenathayan
6	821118103006	DHINAKARAN D	D. Dhinaran
7	821118103007	JAYALAKSHMI S	S. Jayalakshmi
8	821118103008	JAYASHREE S	S. Jayashree
9	821118103009	JOSHI A	A. Joshi
10	821118103010	KALAIKUMAR S	S. Kalai
11	821118103011	KARIKALAN S	S. Karikal
12	821118103012	KARTHIKEYAN R	R. Karthikeyan
13	821118103013	MANIKANDAN M	M. Manikandan
14	821118103014	NANDHINI R	R. Nandhini
15	821118103016	PADMA REKA R	R. Padma Reka
16	821118103001	ABINAYA P	P. Abinaya
17	821118103017	PATRICKANTONY SAMY A	A. Patrick Antony
18	821118103018	PAVITHRA C	C. Pavithra
19	821118103019	PRIYANKA B	B. Priyanka
20	821118103020	ROOSIKA K	K. Roosika
21	821118103021	SARMILA N	N. Sarmila
22	821118103022	SETHUBALA T	T. Sethubala
23	821118103023	THILAK M	M. Thilak
24	821118103024	VIJAYA PRAKASH R	R. Vijaya Prakash
25	821118103025	VINOTHKUMAR J	J. Vinoth Kumar
26	821118103301	ABRAHAM RAJA J	J. Abraham Raja
27	821118103302	JEGAN S	S. Jegan
28	821118103304	SIVASHANKAR M	M. Sivashankar



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2019-2020(EVEN)

COMPETENCY DEVELOPMENT CLASS-COMMUNICATION SKILLS

STUDENT ATTENDANCE

BATCH:2018-2022

CLASS/SEM:II/IV

ROLL NO	REGISTER NO	STUDENT NAME	1/2/20	7/6/20	15/6/20	27/6/20	5/7/20	11/8/20	19/8/20
1	821118103001	ABINAYA P	/	/	/	/	/	/	/
2	821118103002	AKASH A	/	/	/	/	/	/	AB
3	821118103003	ARAVINTH M	/	/	/	/	/	/	/
4	821118103004	CHANDRU S	/	/	/	/	/	/	/
5	821118103005	DEENATHAYALAN V	/	/	/	/	/	/	/
6	821118103006	DHINAKARAN D	/	/	/	AB	/	/	/
7	821118103007	JAYALAKSHMI S	/	/	/	/	/	/	/
8	821118103008	JAYASHREE S	AB	/	/	/	/	/	/
9	821118103009	JOSHI A	/	/	/	/	/	/	/
10	821118103010	KALAIKUMAR S	/	AB	/	/	/	/	/
11	821118103011	KARIKALAN S	/	/	/	/	/	/	/
12	821118103012	KARTHIKEYAN R	/	/	/	/	/	/	/
13	821118103013	MANIKANDAN M	/	/	/	/	/	/	/
14	821118103014	NANDHINI R	/	/	/	/	/	AB	/
15	821118103016	PADMA REKA R	/	/	/	/	/	/	/
16	821118103001	ABINAYA P	/	/	/	/	/	/	/
17	821118103017	PATRICKANTONY SAMY A	/	/	/	/	/	/	/
18	821118103018	PAVITHRA C	/	/	AB	/	/	/	/
19	821118103019	PRIYANKA B	/	/	/	/	/	/	/
20	821118103020	ROOSIKA K	/	/	/	/	/	/	/
21	821118103021	SARMILA N	/	/	/	/	/	/	/
22	821118103022	SETHUBALA T	/	/	/	/	/	/	/
23	821118103023	THILAK M	/	/	/	/	AB	/	/
24	821118103024	VIJAYA PRAKASH R	/	/	/	/	/	/	/
25	821118103025	VINOTHKUMAR J	/	/	/	/	/	/	/
26	821118103301	ABRAHAM RAJA J	/	/	/	/	/	/	/
27	821118103302	JEGAN S	/	/	/	/	/	/	/
28	821118103304	SIVASHANKAR M	/	/	/	/	/	/	/

(Signature)
19/8/20

(Signature)
19/8/20



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS – COMMUNICATION SKILL

ATTENDANCE SHEET

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	12/5/18	19/5/18	26/5/18	1/6/18	24/6/18	30/6/18	
1	821115103061	NIRMAL GEEDS.P	/	/	/	/	/	Δ	
2	821115103062	NITHYA.C.G	/	/	/	/	/	/	
3	821115103063	PARAMESHWARAN.D	/	/	/	/	/	/	
4	821115103064	PAVITHRA.K	/	Δ	/	/	/	/	
5	821115103066	PRASANNA.G	/	/	/	/	/	/	
6	821115103067	PRASATH.N	/	/	/	/	/	/	
7	821115103070	PRIYA.L	/	/	/	/	/	/	
8	821115103071	RAGUNATH.R	/	/	/	/	/	/	
9	821115103072	RAGUPATHI.M	/	/	/	/	/	/	
10	821115103073	RAM KUMAR.M	/	/	/	/	/	/	
11	821115103074	RAMYA PRIYA.G	Δ	/	/	/	/	/	
12	821115103075	RANJITH.R	/	/	/	/	/	/	
13	821115103077	RANJITHA.K	/	/	/	/	/	/	
14	821115103078	RASIKA.K	/	/	/	/	/	/	
15	821115103079	RAVIKUMAR.S	/	/	/	/	/	/	
16	821115103080	SAHANA.P	/	/	/	/	/	/	
17	821115103081	SAMBASIVAM.S	/	/	/	/	/	/	
18	821115103082	SANTHOSH.M.C	/	/	/	/	/	/	
19	821115103083	SANTHOSH KUMAR.S	/	/	/	Δ	/	/	
20	821115103084	SARATHKUMAR.R	/	/	/	/	/	/	
21	821115103085	SARAVANAN.G	/	/	/	/	/	/	
22	821115103087	SARAVANAN.T	/	/	/	/	/	/	
23	821115103088	SATHIYA.K	/	/	/	/	/	Δ	
24	821115103089	SATHIYA PRIYA.V	/	/	/	/	/	/	
25	821115103090	SATHIYARAJ.R	/	/	/	/	/	/	
26	821115103091	SATHIYASEELAN.G	/	/	/	/	/	/	
27	821115103092	SHALINI DEVI.P	/	/	Δ	/	/	/	

ROLL.NO	REGISTER NO	STUDENT NAME	12-7-18	18-7-18	25-7-18	6-8-18	24-8-18	30-8-18		
28	821115103093	SHANTHINI.A	/	/	/	/	/	/		
29	821115103094	SIRAJUL FIRTHOUSI.M	/	/	/	/	/	/		
30	821115103095	SUGAPRIYA.B	/	/	/	/	/	A		
31	821115103096	SURUTHI.R	/	/	/	/	/	/		
32	821115103097	SURYA KUMAR.K	/	/	/	/	/	/		
33	821115103098	SUVETHA.P.S	/	/	/	/	/	/		
34	821115103099	TAMIL ELAKKIYA.R	/	/	/	/	/	/		
35	821115103100	TAMILKAVI.K	/	/	/	/	/	/		
36	821115103101	TAMIL MANI.K	/	/	/	/	/	A		
37	821115103102	VASANTH.S	/	/	/	/	/	/		
38	821115103103	VASANTHAKUMAR.V	/	/	/	A	/	/		
39	821115103105	VENKATESAN.M	/	/	/	/	/	/		
40	821115103106	VENKATESHWARAN.M	/	/	/	/	/	/		
41	821115103107	VIDHIYASAGAR.B	/	/	/	/	/	/		
42	821115103108	VIGNESH.M	/	/	/	/	/	/		
43	821115103109	VIGNESHKUMAR.R	/	/	/	/	/	/		
44	821115103110	VINOLIYA.P	/	/	/	/	/	/		
45	821115103111	VINOTH.V	/	/	/	/	/	/		
46	821115103112	VINOTHAS	/	A	/	/	/	/		
47	821115103113	VINOTH KUMAR.K	/	/	/	/	/	/		
48	821115103114	VISHVARAJ.E	/	/	/	/	/	/		
49	821115103306	PARAMESWARI.S	/	/	/	/	/	/		
50	821115103312	THARMALINGAM.N	/	/	/	/	/	/		
51	821115103314	VIGNESH.V	/	/	/	/	/	/		
52	821115103701	HASSAN.S	/	/	/	/	/	/		
53	821115103702	SRINI PRIYAN.M	/	/	/	/	/	/		
54	821115103029	EZHILRAJ.R	/	/	/	A	/	/		

CDC-INCHARGE

HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2019-2020(EVEN)

COMPETENCY DEVELOPMENT CLASS-COMMUNICATION SKILLS

MARK STATEMENT

BATCH:2018-2022

CLASS/SEM:II/IV

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821118103001	ABINAYA P	38
2	821118103002	AKASH A	35
3	821118103003	ARAVINTH M	37
4	821118103004	CHANDRU S	32
5	821118103005	DEENATHAYALAN V	31
6	821118103006	DHINAKARAN D	28
7	821118103007	JAYALAKSHMI S	20
8	821118103008	JAYASHREE S	01
9	821118103009	JOSHI A	08
10	821118103010	KALAIKUMAR S	06
11	821118103011	KARIKALAN S	41
12	821118103012	KARTHIKEYAN R	35
13	821118103013	MANIKANDAN M	25
14	821118103014	NANDHINI R	41
15	821118103016	PADMA REKA R	36
16	821118103001	ABINAYA P	35
17	821118103017	PATRICKANTONY SAMY A	24
18	821118103018	PAVITHRA C	29
19	821118103019	PRIYANKA B	30
20	821118103020	ROOSIKA K	25
21	821118103021	SARMILA N	27
22	821118103022	SETHUBALA T	35
23	821118103023	THILAK M	32
24	821118103024	VIJAYA PRAKASH R	42
25	821118103025	VINOTHKUMAR J	36
26	821118103301	ABRAHAM RAJA J	31
27	821118103302	JEGAN S	28
28	821118103304	SIVASHANKAR M	19

P.P.
28/1/20

Red
28/1/20



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2019-20 /EVEN SEMESTER
COMPETENCY DEVELOPMENT CLASS (CDC) - COMMUNICATION SKILLS

OUTCOME

- 28 Students of second year from the department of civil engineering have enrolled in "COMMUNICATION SKILLS" of competency development class.
- Students gained more knowledge in reading and understanding the language.
- Students got a good communication in speaking English fluently.
- Students facilitate their ability to work collaborately with others.
- Students got improvement and growth opportunities.
- Students were able to give oral presentation and receive feedback on their performance.
- Students got willingness to attend in various presentations.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.
- Students got free from stage fear.


CDC IN-CHARGE


HOD/CIVIL

SWAYAM COURSE





DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2019-2020 (EVEN SEMESTER)

SWAYAM COURSE SUMMARY

STUDENT COURSE DETAILS:

S.No	Class	Strength	SWAYAM Course Title	No. of students Completed the Course
1.	II CIVIL	28	Introduction to Civil Engineering Profession	12
			Safety in Construction	16
2.	III CIVIL	38	Project planning and control	20
			Global navigation satellite systems	18
3.	IV CIVIL	56	Development and application of special Concrete	21
			Advanced Foundation Engineering	18
			Safety in Construction	17

K. An
11/3/20
IQAC Member

Red
4/2/20
HOD/CIVIL



**DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2019-20 (EVEN SEM)
 II YEAR CIVIL / IV SEM
 SWAYAM COURSE - STUDENT NAMELIST**

S.No.	Reg. Number	Student Name	Signature
1	821118103001	ABINAYA P	P. Abinaya
2	821118103003	ARAVINTH M	A. Aravinth
3	821118103004	CHANDRU S	S. Chandru
4	821118103005	DEENATHAYALAN V	V. Deenthayalan
5	821118103006	DHINAKARAN D	D. Dhinakaran
6	821118103007	JAYALAKSHMI S	S. Jaya Lakshmi
7	821118103008	JAYASHREE S	S. Jayashree
8	821118103009	JOSHI A	A. Joshi
9	821118103010	KALAIKUMAR S	S. Kalai Kumar
10	821118103011	KARIKALAN S	S. Karikalana
11	821118103012	KARTHIKEYAN R	R. Karthikeyan
12	821118103013	MANIKANDAN M	M. Manikandan
13	821118103014	NANDHINI R	R. Nandhini
14	821118103016	PADMA REKA R	R. Padma Reka
15	821118103017	PATRICK ANTONY SAMY A	A. Patrick Antony
16	821118103018	PAVITHRA C	C. Pavithra
17	821118103019	PRIYANKA B	B. Priyanka
18	821118103020	ROOSIKA K	K. Roosika
19	821118103021	SARMILA N	N. Sarmila
20	821118103022	SETHUBALA T	T. Sethubala
21	821118103023	THILAK M	M. Thilak
22	821118103024	VIJAYA PRAKASH R	R. Vijaya Prakash
23	821118103025	VINOTHKUMAR J	J. Vinoth Kumar
24	821118103301	ABRAHAM RAJA J	J. Abraham Raja
25	821118103302	JEGAN S	S. Jegan
26	821118103303	RAHINI S	S. Rahini
27	821118103304	SIVASHANKAR M	M. Sivashankar
28	821118103305	VAITHEESWARAN B	B. Vaitheeswaran

[Signature]
 CLASS COORDINATOR
 (Ms.V.ISHWARYA)

[Signature]
 HOD/CIVIL
 (Ms.R.REVATHI)



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2019-20 (EVEN SEM)
II YEAR CIVIL / IV SEM
SWAYAM COURSE DETAILS


11.03.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821118103001	ABINAYA P	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
2	821118103003	ARAVINTH M	Safety in Construction	8 Weeks	Assignments Submitted
3	821118103004	CHANDRU S	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
4	821118103005	DEENATHAYALAN V	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
5	821118103006	DHINAKARAN D	Safety in Construction	8 Weeks	Assignments Submitted
6	821118103007	JAYALAKSHMI S	Safety in Construction	8 Weeks	Assignments Submitted
7	821118103008	JAYASHREE S	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
8	821118103009	JOSHI A	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
9	821118103010	KALAIKUMAR S	Safety in Construction	8 Weeks	Assignments Submitted
10	821118103011	KARIKALAN S	Safety in Construction	8 Weeks	Assignments Submitted
11	821118103012	KARTHIKEYAN R	Safety in Construction	8 Weeks	Assignments Submitted
12	821118103013	MANIKANDAN M	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
13	821118103014	NANDHINI R	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
14	821118103016	PADMA REKA R	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
15	821118103017	PATRICK ANTONY SAMY	Safety in Construction	8 Weeks	Assignments Submitted
16	821118103018	PAVITHRA C	Safety in Construction	8 Weeks	Assignments Submitted
17	821118103019	PRIYANKA B	Safety in Construction	8 Weeks	Assignments Submitted
18	821118103020	ROOSIKA K	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
19	821118103021	SARMILA N	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
20	821118103022	SETHUBALA T	Safety in Construction	8 Weeks	Assignments Submitted
21	821118103023	THILAK M	Safety in Construction	8 Weeks	Assignments Submitted

ACADEMIC YEAR 2019-20 (EVEN SEM)
II YEAR CIVIL / IV SEM
SWAYAM COURSE DETAILS

11.03.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
22	821118103024	VIJAYA PRAKASH R	Safety in Construction	8 Weeks	Assignments Submitted
23	821118103025	VINOTHKUMAR J	Safety in Construction	8 Weeks	Assignments Submitted
24	821118103301	ABRAHAM RAJA J	Safety in Construction	8 Weeks	Assignments Submitted
25	821118103302	JEGAN S	Safety in Construction	8 Weeks	Assignments Submitted
26	821118103303	RAHINI S	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
27	821118103304	SIVASHANKAR M	Introduction to Civil Engineering Profession	8 Weeks	Assignments Submitted
28	821118103305	VAITHEESWARAN B	Safety in Construction	8 Weeks	Assignments Submitted


CLASS COORDINATOR
(Ms.V.ISHWARYA)


HOD/CIVIL
(Ms.R.REVATHI)



(<https://swayam.gov.in/>)



(https://swayam.gov.in/nc_details/NPTEL)

About Swayam (<https://swayam.gov.in/about>) | All Courses | arun2kannancivil@gmail.com ✓ (/profile)

Courses (<https://swayam.gov.in/explorer>) >

Introduction to Civil Engineering Profession

By Prof. Ravindra Gettu, Prof. Subhadeep Banerjee | IIT Madras

Join

(/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce42) **Leamers enrolled: 1411**

Introduction to Civil Engineering Profession _ Introductory video



The course introduces the civil engineering profession and the degree programme to first year students and prospective students. The different disciplines of civil engineering are briefly explained, along with the pre-requisites, scope and opportunities. Career prospects and novel/emerging areas are also presented. This should be a compulsory first course in civil engineering to present the perspective for the undergraduate students.

INTENDED AUDIENCE : 1st year civil engineering students

PREREQUISITES : High school education

INDUSTRY SUPPORT : NIL

Summary

Course Status :	Upcoming
Course Type :	Core
Duration :	8 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	• Civil Engineering

Credit Points :

<https://swayam.gov.in/>2
Undergraduatehttps://swayam.gov.in/nc_details/NPTEL

Level :

About Swayam (<https://swayam.gov.in/about>) | All Courses | arun2kannancivil@gmail.com ▾ (/profile)

(/#facebook)

(/#twitter)

(/#email)

(/#linkedin)

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Course layout

Week 1: What is Civil Engineering? Different disciplines of civil engineering. Scope and prospects. Heritage structures, architecture
Week 2: Environmental Engineering. Prevention of environmental impact. Pollution, waste and water treatment
Week 3: Geotechnical Engineering. Soil mechanics and foundations. Hydraulics and water resources
Week 4: Construction Materials and Methods. Infrastructure Engineering Sustainability.
Week 5: Structural Engineering. Analysis, design and modelling
Week 6: Highway Engineering. Traffic Engineering and Planning
Week 7: Automation and Robotics in Construction. Water Security.
Week 8: Novel areas. Career Prospects

Books and references

NIL

Instructor bio

**Prof. Ravindra Gettu**

IIT Madras

Prof. Ravindra Gettu is a chair professor of civil engineering at IIT Madras. He has coordinated the introductory course at IITM and given lectures at other institutes on civil engineering for more than 10 years. He has a wide range of experience in research, education and consultancy. His specific area of expertise is construction materials

**Prof. Subhadeep Banerjee**

Prof. Subhadeep Banerjee is an associate professor of civil engineering at IIT Madras. He received his PhD in Civil Engineering from National University of Singapore in 2010. Since 2012, he is involved in teaching various civil engineering core courses, such as Geology & Soil Mechanics, and Advanced Foundation Engineering for UG and PG students. His expertise includes seismic soil-foundation interactions, cyclic behaviour of geomaterials and finite element analysis of complex dynamic problems



(<https://swayam.gov.in/>)



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About Swayam (<https://swayam.gov.in/about>) | All Courses | arun2kannancivil@gmail.com ~ (/profile)

Courses (<https://swayam.gov.in/explorer>) >

Safety in Construction

By Prof. J. Uma Maheswari | IIT Delhi

Join (/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce39) Learners enrolled: 2434

Intro Video



This course aims to make the students well-versed with the latest safety and health regulations and the Indian Standards applicable to the construction industry. At the end of this course, the students will be able to plan, assess, analyze and manage the hazardous construction project sites.

INTENDED AUDIENCE : Civil Engineering Students

PREREQUISITES : Not required

INDUSTRIES SUPPORT : Any Construction Industry

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	8 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	<ul style="list-style-type: none">Civil Engineering
Credit Points :	2
Level :	Undergraduate/Postgraduate

This is an AICTE approved FDP course

(/facebook) (/twitter) (/email) (/linkedin) (/whatsapp)



(<https://swayam.gov.in/>)



(https://swayam.gov.in/nc_details/NPTEL)

([https://www.addtoany.com/share?url=https://swayam.gov.in/nc_details/NPTEL/1/All%20courses%20kannan%20civil%20mail%20com%20\(profile\)&title=Safety%20in%20Construction%20-%20Course](https://www.addtoany.com/share?url=https://swayam.gov.in/nc_details/NPTEL/1/All%20courses%20kannan%20civil%20mail%20com%20(profile)&title=Safety%20in%20Construction%20-%20Course))

Course layout

Week 1: Basic terminology in safety, types of injuries, safety pyramid

Week 2: Accident patterns, theories of accident-causation

Week 3: Planning for safety budget, safety culture

Week 4: Introduction to OSHA regulations, Role of stakeholders in safety

Week 5: Site safety programs - Job hazard analysis, accident investigation & accident indices-violation, penalty

Week 6: Safety during construction, alteration, demolition works – Earthwork, steel construction, temporary structures, masonry & concrete construction, cutting & welding

Week 7: SoPs (Safe Operating Procedures) – Construction equipment, materials handling-disposal & hand tools

Week 8: Other hazards – fire, confined spaces, electrical safety, BIM & safety

Books and references

1. Hinze, J.W. (1997) Construction Safety, Prentice Hall
 2. MacCollum, D.V. (1995) Construction Safety Planning, John Wiley & Sons
 3. Reese, C.D. & Eidson, J.V. (2006) Handbook of OSHA Construction Safety and Health, Taylor & Francis.
 4. Lingard, H. & Rowlinson, S. (2005) Occupational health and Safety in Construction Project Management, Spon Press
 5. Holt, A.S.J. (2005) Principles of Construction Safety, Wiley-Blackwell Publishers
 6. MacCollum, D.V. (2007) Construction Safety Engineering Principles, McGraw Hill Publishers
 7. Bhattacharjee, S.K. (2011) Safety Management in Construction, Khanna Publishers
 8. Li, R.Y.M. & Poon, S.W. (2013) Construction Safety, Springer Publishers
- Few IS Codes & journal papers

Instructor bio



Prof. J. Uma Maheswari

IIT Delhi

Dr. J. Uma Maheswari is Associate Professor in the Department of Civil Engineering at Indian Institute of Technology Delhi. Dr. J. Uma Maheswari is very active in teaching several undergraduate and postgraduate level courses in Construction Project Management at Indian Institute of Technology Delhi. For several years, she was teaching three postgraduate programmes – Construction Engineering and Management (MHRD), Construction Technology and Management (L&T sponsor) and Metro Rail Transport: Technology & Management (DMRC sponsor). She was instrumental in developing and structuring the PG Diploma program in "Metro Rail Transport: Technology & Management". She had graduated 60 MTech and 3 PhD students till date. Her passionate research topics are Design Management, Automation in Design and Construction. She was a recipient of Kusuma Outstanding Young faculty Fellowship offered at IIT Delhi for two years. Recognizing her academic contribution, Project Management Institute India has conferred on her the prestigious PMI India Young Research Scholar Award in 2015. She also received the CIDC Vishwakarma Award for Outstanding Academician category offered by Construction Industry Development Council in 2018. She has also received three best paper awards for Journal and Conference Publications apart from several prizes during her post-graduation.

Course certificate

The course is free to enroll and learn from. But if you want a certificate, you have to register and write the proctored exam conducted by us in person at any of the designated exam centres.

The exam is optional for a fee of Rs 1000/- (Rupees one thousand only)

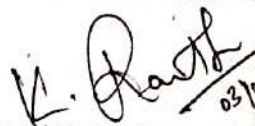


**DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2019-20 (EVEN SEM)
 III YEAR CIVIL / VI SEM
 SWAYAM COURSE - STUDENT NAMELIST**

S.No.	Reg. Number	Student Name	Signature
1	821117103001	AAKASH KRISHNA S	S. Aakash
2	821117103002	ANTONY JOE N	N. Anthony
3	821117103004	BAGAVATHI R	R. Bagavathi
4	821117103006	BOOBALAN A	A. Boobalan
5	821117103007	GAYATHRI R	R. Gayathri
6	821117103008	GOPALAKRISHNAN M	M. Gopalakrishnan
7	821117103009	GOWTHAMAN T	T. Gowthaman
8	821117103010	GURU SWATHIK KS	K. Swathik
9	821117103011	JAYASURIYA K	K. Jayasuriya
10	821117103012	KAUSHIK SIVA V	V. Kaushik Siva
11	821117103014	MARIYA K	K. Mariya
12	821117103016	NAVANEETHAKRISHNAN S	S. Navaneetha
13	821117103018	NIVASH M	M. Nivash
14	821117103021	RANJITH K	K. Ranjith
15	821117103022	SANTHOSH ANANDH D	D. Santhosh Anandh
16	821117103023	SHALINI S	S. Shalini
17	821117103024	SILAMBARASAN P	P. Silambarasan
18	821117103025	SOUNDARIYA M	M. Soundariya
19	821117103027	SURENDAR KL	L. Surendar
20	821117103028	SURIYA PRASHATH KS	S. Prashath

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2019-20 (EVEN SEM)
III YEAR CIVIL / VI SEM
SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
21	821117103029	THAMILARASANT	T. Th...
22	821117103032	YUVARAJA	Y...
23	821117103301	AKASH V	V. Ash...
24	821117103302	AROKIA ALEX K	A. Arokia Alex
25	821117103303	ARUL STALIN A	A. Arul Stalin
26	821117103304	BOOMIDURAI C	C. Boomidurai
27	811117103305	GURUHARAN S	S. Guruharan
28	821117103308	LOGESH A	A. Logesh
29	821117103309	NARESH VEKKALIDASANK	A. Nares Vekkalidasank
30	821117103310	PREMNATH T	T. Premnath
31	821117103311	RAJESH T	T. Rajesh
32	821117103312	RASHIGA R	R. Rashiga
33	821117103313	SAHITTIYA L	L. Sahitthy
34	821117103314	SANTHOSH KANDHAN P	P. Santhosh Kandhan
35	821117103315	SARAVANAN V	V. Saravan
36	821117103316	VEVIYAN PAUL L	L. Vevyan
37	821117103317	VIGNESH R	R. Vignesh
38	821117103702	KAVIVARMA M	M. Kavirama


CLASS COORDINATOR
(Mr.K.RANJITH)


HOD/CIVIL
(Ms.R.REVATHI)



**DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2019-20 (EVEN SEM)
 III YEAR CIVIL / VI SEM
 SWAYAM COURSE DETAILS**

11.03.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821117103001	AAKASH KRISHNA S	Global Navigation satellite systems	4 Weeks	Assignments Submitted
2	821117103002	ANTONY JOE N	Project Planning and Control	8 Weeks	Assignments Submitted
3	821117103004	BAGAVATHI R	Project Planning and Control	8 Weeks	Assignments Submitted
4	821117103006	BOOBALAN A	Global Navigation satellite systems	4 Weeks	Assignments Submitted
5	821117103007	GAYATHRI R	Project Planning and Control	8 Weeks	Assignments Submitted
6	821117103008	GOPALAKRISHNAN M	Project Planning and Control	8 Weeks	Assignments Submitted
7	821117103009	GOWTHAMAN T	Project Planning and Control	8 Weeks	Assignments Submitted
8	821117103010	GURU SWATHIK KS	Global Navigation satellite systems	4 Weeks	Assignments Submitted
9	821117103011	JAYASURIYA K	Global Navigation satellite systems	4 Weeks	Assignments Submitted
10	821117103012	KAUSHIK SIVA V	Project Planning and Control	8 Weeks	Assignments Submitted
11	821117103014	MARIYA K	Project Planning and Control	8 Weeks	Assignments Submitted
12	821117103016	NAVANEETHAKRISHNA NS	Global Navigation satellite systems	4 Weeks	Assignments Submitted
13	821117103018	NIVASH M	Project Planning and Control	8 Weeks	Assignments Submitted
14	821117103021	RANJITH K	Project Planning and Control	8 Weeks	Assignments Submitted
15	821117103022	SANTHOSH ANANDH D	Project Planning and Control	8 Weeks	Assignments Submitted
16	821117103023	SHALINI S	Global Navigation satellite systems	4 Weeks	Assignments Submitted
17	821117103024	SILAMBARASAN P	Global Navigation satellite systems	4 Weeks	Assignments Submitted
18	821117103025	SOUNDARIYA M	Project Planning and Control	8 Weeks	Assignments Submitted
19	821117103027	SURENDAR KL	Project Planning and Control	8 Weeks	Assignments Submitted
20	821117103028	SURIYA PRASHATH KS	Global Navigation satellite systems	4 Weeks	Assignments Submitted
21	821117103029	THAMILARASAN T	Project Planning and Control	8 Weeks	Assignments Submitted

**ACADEMIC YEAR 2019-20 (EVEN SEM)
III YEAR CIVIL / VI SEM
SWAYAM COURSE DETAILS**

11.03.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
22	821117103032	YUVARAJ A	Project Planning and Control	8 Weeks	Assignments Submitted
23	821117103301	AKASH V	Global Navigation satellite systems	4 Weeks	Assignments Submitted
24	821117103302	AROKIA ALEX K	Global Navigation satellite systems	4 Weeks	Assignments Submitted
25	821117103303	ARUL STALIN A	Project Planning and Control	8 Weeks	Assignments Submitted
26	821117103304	BOOMIDURAI C	Project Planning and Control	8 Weeks	Assignments Submitted
27	811117103305	GURUHARAN S	Project Planning and Control	8 Weeks	Assignments Submitted
28	821117103308	LOGESH A	Global Navigation satellite systems	4 Weeks	Assignments Submitted
29	821117103309	NARESH VEKKALIDASAN	Global Navigation satellite systems	4 Weeks	Assignments Submitted
30	821117103310	PREMNATH T	Global Navigation satellite systems	4 Weeks	Assignments Submitted
31	821117103311	RAJESH T	Global Navigation satellite systems	4 Weeks	Assignments Submitted
32	821117103312	RASHIGA R	Global Navigation satellite systems	4 Weeks	Assignments Submitted
33	821117103313	SAHITTIYA L	Global Navigation satellite systems	4 Weeks	Assignments Submitted
34	821117103314	SANTHOSH KANDHAN P	Global Navigation satellite systems	4 Weeks	Assignments Submitted
35	821117103315	SARAVANAN V	Project Planning and Control	8 Weeks	Assignments Submitted
36	821117103316	VEVIYAN PAUL L	Project Planning and Control	8 Weeks	Assignments Submitted
37	821117103317	VIGNESH R	Project Planning and Control	8 Weeks	Assignments Submitted
38	821117103702	KAVIVARMAN M	Global Navigation satellite systems	4 Weeks	Assignments Submitted


CLASS COORDINATOR
(Mr.K.RANJITH)


HOD/CIVIL
(Ms.R.REVATHI)



PROJECT PLANNING & CONTROL

PROF. KOSHY VARGHESE
Department of Civil Engineering
IIT Madras

TYPE OF COURSE : Rerun | Elective | UG
COURSE DURATION : 8 weeks (26Jan'20 - 17 Mar'20)
EXAM DATE : 26 Mar 2020

INTENDED AUDIENCE : UG/PG/Industry Participants

PRE-REQUISITES : Basic Mathematics with Probability & Statistics

INDUSTRIES APPLICABLE TO : All leading construction companies.

COURSE OUTLINE :

This course will cover the basic concepts in Project Planning and Control with a focus on construction projects. The course is relevant to Civil Engineering senior level undergraduate as well as post-graduate students in the area of construction management. Practicing engineers who are part of the planning team on construction projects will also benefit from the concepts covered in the course.

ABOUT INSTRUCTOR :

Prof. Koshy Varghese is a Professor with the Department of Civil Engineering, Indian Institute of Technology Madras (IITM). Dr. Varghese earned his Doctoral Degree at the University of Texas at Austin in 1992 and worked as a post-doc-toral fellow for a year after which he joined IIT Madras. Dr. Varghese is a pioneer in construction management education and research in India and has taught courses in Construction Planning and Control to undergraduates / postgraduate as well as to industry.

COURSE PLAN :

Week 01 : Introduction, Course Context, Construction Project Management

Week 02 : Time Management, Work Breakdown Structure (WBS), Gantt Charts

Week 03 : Duration Estimation, Network Representation & Analysis -1

Week 04 : Network Representation & Analysis -2; Two-Span Bridge: Scheduling, Network Analysis and Application

Week 05 : Time-Cost Trade-off (Crashing)

Week 06 : Resource Scheduling

Week 07 : Precedence Diagramming Method (PDM), Project Monitoring & Control

Week 08 : Project Monitoring & Control (Earned Value Concepts), Uncertainty in Project Schedules (PERT), Course Summary



GLOBAL NAVIGATION SATELLITE SYSTEMS AND APPLICATIONS

PROF. ARUN K. SARAF

Department of Department of Earth Sciences,
IIT Roorkee

TYPE OF COURSE : Rerun | Elective | PG/UG

COURSE DURATION : 4 weeks (26 Jan'20 - 20 Feb'20)

EXAM DATE : 26 Feb 2020

INTENDED AUDIENCE: Under and post-graduate engineering and post graduate science students/Faculty

PRE-REQUISITES: Current students of engineering, post graduate science students and PhD students should have basic knowledge of GIS and Remote Sensing

INDUSTRY SUPPORT: Geoinformatics companies, e.g NIIT, ESRI India, Leica Geoinformatics, MapmyIndia, ISRO, etc.

COURSE OUTLINE :

The proposed course provides basic understanding about digital elevation models (DEMs) and their applications in Civil Engineering and Earth Sciences. Further, various DEMs, their source, generation techniques, derivatives, errors and limitations would be discussed extensively. Surface Hydrologic Modelling using DEMs, Modelling derivatives and their applications would also be discussed.

ABOUT INSTRUCTOR :

Dr. Arun K. Saraf obtained PhD. (Remote Sensing) from University of Dundee, United Kingdom. Presently he is working as Professor in the Department of Earth Sciences, Indian Institute of Technology, Roorkee, and teaches courses on Geographic Information Systems (GIS), Advanced GIS, Remote Sensing, Geomorphology etc. to under- and post-graduate students. He was also Head of Department of Earth Sciences between Jan. 2012 & Feb. 2015. He was first in the country to introduce GIS course to post graduate students in the year 1990. In 1986, he was awarded "National Fellowship to Study Abroad" by Govt. of India for his doctoral degree. Further, in 1993 he was awarded Indo USST Fellowship and worked in Goddard Space Flight Centre, NASA, USA for Post Doctoral Research. He has been also awarded National Remote Sensing Award-2001 by Indian Society of Remote Sensing.

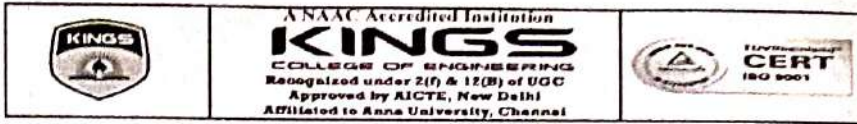
COURSE PLAN :

Week 1: Concept of digital elevation model (DEM) and its implementation. Various techniques to generate digital elevation models-Part 1, Part 2 & 3, Importance of spatial resolution with DEMs

Week 2: Accessing the quality of DEM, Integration of DEMs with satellite data, Common derivatives and Crashing network

Week 3: DEMs derivatives - 1, DEMs derivatives - 2, DEMs derivatives - 3, DEMs derivatives -4, DEM based Surface Hydrologic Modelling -1


Week 4: DEMs based Surface Hydrologic Modelling (contd.) DEMs and dam simulation and its application in groundwater hydrology Applications of DEMs in solar and wind energy potential estimations Applications of DEMs in Viewshed and Flood Hazard Mapping DEMs Sources Limitations and future of Digital Elevation Models

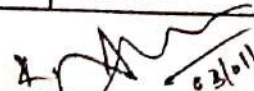


DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2019-20 (EVEN SEM)
IV YEAR CIVIL / VIII SEM
SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
1	821116103002	AJITH. R	Ajith. R
2	821116103003	AKILAN.S	Akilan.S.
3	821116103004	ANUSUYA. D	Anus. D
4	821116103005	APURVA. R	A.Purva
5	821116103006	ARUN. A (06-06-1999)	A. Arun
6	821116103007	ARUN. A (22-07-1999)	A. Arun
7	821116103008	BALAVIGNESHWARAN. B	B. Balavigneshwaran
8	821116103009	BEGUM MARIAM. M	M. Begum Mariam
9	821116103010	DHILIPAN. M	M. Dhilipan
10	821116103012	JAYASEELAN. L	L. Jayaseelan
11	821116103013	KOWSALYA. K	K. Kowsalya
12	821116103014	LENIN. N.S	N.S. Lenin
13	821116103015	LYDIYA. I.	I. Lydia
14	821116103016	MADESH. S	S. Madesh
15	821116103017	MADHURA. K	K. Madhura
16	821116103018	MAHASRI. R	R. Mahasri
17	821116103020	MASHILA. S	S. Mashila
18	821116103022	MITHRAN. D	D. Mithran
19	821116103023	MOHAMMEDAMEERALI. H	H. Mohammedameerali
20	821116103025	MUGILARASAN. M	M. Mugilarasan
21	821116103026	MUKILAN. M	M. Mukilan
22	821116103028	NITHISH KUMAR. M	M. Nithish Kumar
23	821116103029	PONPRIYANKA. P	P. Ponpriyanka
24	821116103030	PRATHAP. M	M. Prathap
25	821116103031	PRAVIN. P	P. Pravin
26	821116103032	PRIYA. D	D. Priya
27	821116103033	PRIYANKA. P	P. Priyanka
28	821116103034	RAMKI. R	R. Ramki

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2019-20 (EVEN SEM)
IV YEAR CIVIL / VIII SEM
SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
29	821116103036	SALAMAN JOSEPHRAJ. Y	
30	821116103037	SANTHOSHKUMAR.V	V. Sankar
31	821116103038	SNEKA.S	S. Sneha
32	821116103039	SOWNDHARYA. V	V. Soudharya
33	821116103040	SUBASH. S	S. Subash
34	821116103042	SURIYA. S	S. Suriya
35	821116103043	SWATHI.K	K. Swathi
36	821116103044	VEERA KUMAR. S	S. Veerakumar
37	821116103046	VIGNESHWARAN.R	R. Vigneshwaran
38	821116103047	VIGNESHWARAN. S (02.02.1000)	S. Vigneshwaran
39	821116103048	VIGNESHWARAN. S (02.11.1000)	S. Vigneshwaran
40	821116103049	VIJAY. V	V. Vijay
41	821116103050	VINITHA. S	S. Vinitha
42	821116103051	YOGARAJ. V	V. Yogaraj
43	821116103302	AKASH. R	R. Akash
44	821116103306	GUNASEELAN. G	G. Gunaseelan
45	821116103307	KARTHIKEYAN. A	A. Karthikeyan
46	821116103308	KAVIYARASAN. M	M. Kaviyarasan
47	821116103312	NANDHINI. T	T. Nandhini
48	821116103313	PRIYA. S	S. Priya
49	821116103314	RAJARAJATHI. U	U. Rajarajathi
50	821116103315	SANTHIYA. V	V. Santhiya
51	821116103502	SARAVANAN. J	J. Saravanan
52	821116103503	KANNAN. S	S. Kannan
53	821116103504	JAMES MAHAJAN.S	S. James Mahajan
54	821116103505	RAGUNATH.R	R. Ragunath
55	821116103506	PRIYA.L	L. Priya
56	821116103701	WILSON. P	P. Wilson


CLASS COORDINATOR
(Mr.K.ARUN)


HOD/CIVIL
(Ms.R.REVATHI)



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2019-20 (EVEN SEM)
IV YEAR CIVIL / VIII SEM
SWAYAM COURSE DETAILS

11.03.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821116103002	AJITH. R	Development and application of special concrete	8 Weeks	Assignments Submitted
2	821116103003	AKILAN.S	Safety in Construction	8 Weeks	Assignments Submitted
3	821116103004	ANUSUYA. D	Advanced foundation Engineering	12 Weeks	Assignments Submitted
4	821116103005	APURVA. R	Safety in Construction	8 Weeks	Assignments Submitted
5	821116103006	ARUN. A (06-06-1999)	Advanced foundation Engineering	12 Weeks	Assignments Submitted
6	821116103007	ARUN. A (22-07-1999)	Development and application of special concrete	8 Weeks	Assignments Submitted
7	821116103008	BALAVIGNESHWARAN. B	Development and application of special concrete	8 Weeks	Assignments Submitted
8	821116103009	BEGUM MARIAM. M	Safety in Construction	8 Weeks	Assignments Submitted
9	821116103010	DHILIPAN. M	Safety in Construction	8 Weeks	Assignments Submitted
10	821116103012	JAYASEELAN. L	Advanced foundation Engineering	12 Weeks	Assignments Submitted
11	821116103013	KOWSALYA. K	Advanced foundation Engineering	12 Weeks	Assignments Submitted
12	821116103014	LENIN. N.S	Safety in Construction	8 Weeks	Assignments Submitted
13	821116103015	LYDIYA. I	Development and application of special concrete	8 Weeks	Assignments Submitted
14	821116103016	MADESH. S	Advanced foundation Engineering	12 Weeks	Assignments Submitted
15	821116103017	MADHURA. K	Development and application of special concrete	8 Weeks	Assignments Submitted
16	821116103018	MAHASRI. R	Development and application of special concrete	8 Weeks	Assignments Submitted
17	821116103020	MASHILA. S	Development and application of special concrete	8 Weeks	Assignments Submitted
18	821116103022	MITHRAN. D	Safety in Construction	8 Weeks	Assignments Submitted
19	821116103023	MOHAMMEDAMEERALI . H	Advanced foundation Engineering	12 Weeks	Assignments Submitted
20	821116103025	MUGILARASAN. M	Safety in Construction	8 Weeks	Assignments Submitted
21	821116103026	MUKILAN. M	Development and application of special concrete	8 Weeks	Assignments Submitted

**ACADEMIC YEAR 2019-20 (EVEN SEM)
IV YEAR CIVIL / VIII SEM
SWAYAM COURSE DETAILS**


11.03.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
22	821116103028	NITHISH KUMAR. M	Development and application of special concrete	8 Weeks	Assignments Submitted
23	821116103029	PONPRIYANKA. P	Safety in Construction	8 Weeks	Assignments Submitted
24	821116103030	PRATHAP. M	Safety in Construction	8 Weeks	Assignments Submitted
25	821116103031	PRAVIN. P	Development and application of special concrete	8 Weeks	Assignments Submitted
26	821116103032	PRIYA. D	Development and application of special concrete	8 Weeks	Assignments Submitted
27	821116103033	PRIYANKA. P	Safety in Construction	8 Weeks	Assignments Submitted
28	821116103034	RAMKI. R	Advanced foundation Engineering	12 Weeks	Assignments Submitted
29	821116103036	SALAMAN JOSEPHRAJ. Y	Advanced foundation Engineering	12 Weeks	Assignments Submitted
30	821116103037	SANTHOSHKUMAR.V	Safety in Construction	8 Weeks	Assignments Submitted
31	821116103038	SNEKA.S	Development and application of special concrete	8 Weeks	Assignments Submitted
32	821116103039	SOWNDHARYA. V	Development and application of special concrete	8 Weeks	Assignments Submitted
33	821116103040	SUBASH. S	Development and application of special concrete	8 Weeks	Assignments Submitted
34	821116103042	SURIYA. S	Safety in Construction	8 Weeks	Assignments Submitted
35	821116103043	SWATHI.K	Advanced foundation Engineering	12 Weeks	Assignments Submitted
36	821116103044	VEERA KUMAR. S	Development and application of special concrete	8 Weeks	Assignments Submitted
37	821116103046	VIGNESHWARAN.R	Development and application of special concrete	8 Weeks	Assignments Submitted
38	821116103047	VIGNESHWARAN. S (25.08.1998)	Advanced foundation Engineering	12 Weeks	Assignments Submitted
39	821116103048	VIGNESHWARAN. S (03.11.1999)	Safety in Construction	8 Weeks	Assignments Submitted
40	821116103049	VIJAY. V	Development and application of special concrete	8 Weeks	Assignments Submitted
41	821116103050	VINITHA. S	Development and application of special concrete	8 Weeks	Assignments Submitted
42	821116103051	YOGARAJ. V	Development and application of special concrete	8 Weeks	Assignments Submitted
43	821116103302	AKASH. R	Development and application of special concrete	8 Weeks	Assignments Submitted
44	821116103306	GUNASEELAN. G	Advanced foundation Engineering	12 Weeks	Assignments Submitted

ACADEMIC YEAR 2019-20 (EVEN SEM)
IV YEAR CIVIL / VIII SEM
SWAYAM COURSE DETAILS

11.03.2020

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
45	821116103307	KARTHIKEYAN. A	Advanced foundation Engineering	12 Weeks	Assignments Submitted
46	821116103308	KAVIYARASAN. M	Safety in Construction	8 Weeks	Assignments Submitted
47	821116103312	NANDHINI. T	Development and application of special concrete	8 Weeks	Assignments Submitted
48	821116103313	PRIYA. S	Safety in Construction	8 Weeks	Assignments Submitted
49	821116103314	RAJARAJATHI. U	Advanced foundation Engineering	12 Weeks	Assignments Submitted
50	821116103315	SANTHIYA. V	Advanced foundation Engineering	12 Weeks	Assignments Submitted
51	821116103502	SARAVANAN. J	Advanced foundation Engineering	12 Weeks	Assignments Submitted
52	821116103503	KANNAN. S	Safety in Construction	8 Weeks	Assignments Submitted
53	821116103504	JAMES MAHAJAN.S	Advanced foundation Engineering	12 Weeks	Assignments Submitted
54	821116103505	RAGUNATH.R	Safety in Construction	8 Weeks	Assignments Submitted
55	821116103506	PRIYAL	Safety in Construction	8 Weeks	Assignments Submitted
56	821116103701	WILSON. P	Advanced foundation Engineering	12 Weeks	Assignments Submitted


CLASS COORDINATOR
(Mr.KARUN)


HOD/CIVIL
(Ms.R.REVATHI)



(<https://swayam.gov.in/>)



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Development and Applications of Special Concretes

By Prof. Sudhir Misra | IIT Kanpur

Join ([/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce09](#)) **Learners enrolled: 746**

Introduction - Development and Applications of Special Concretes



Concrete is no longer simply a mixture of water, cement, sand and coarse aggregate – the advent of chemical admixtures and better understanding of the hydration of cement, and other issues relating to properties of concrete, has made it possible to use several other ingredients and have led to the development of several special concretes and construction methods and use concrete in diverse environments. Building on the fundamental principles of normal concrete, this course explains how some commonly used special concretes have been developed and how they are used in different conditions. The course seeks to present a unified view of concrete materials, construction methods and construction environment and examine the matter on parameters such as quality control methods.

INTENDED AUDIENCE: A) Pg Students Of Civil Engineering B) Practising Professionals In The Area Of Concrete Construction

PREREQUISITES: The Course Will Assume Basic Understanding Of Concrete Materials And Construction Processes, Including Expected Performance, Quality Control, Etc.

INDUSTRIES SUPPORT: It Is My Earnest Hope That All Industries Related To Planning, Design And Construction Of Projects Using Concrete Will Find The Material Relevant And Thought Provoking

Summary

Course Status:	Upcoming
Course Type:	Elective
Duration:	8 weeks
Start Date:	
End Date:	
Exam Date:	
Enrollment Ends:	
Category:	<ul style="list-style-type: none">• Civil Engineering• Construction Materials Technology
Credit Points:	2
Level:	Postgraduate

This is an AICTE approved FDP course



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(https://www.addtoany.com/share?url=https%3A%2F%2Fonlinecourses.nptel.ac.in%2Fnoc22_ce09%2Fpreview%3Fuser_email%3Darun2kannancivil%40gmail.com&title=Development%20and%20Applications%20of%20Special%20Concretes%20Course)

Course layout

Week 1: Normal concrete

Week 2: Normal concrete (continued)

Week 3: Special concretes (1) – Concreting in cold and hot weather

Week 4: Special concretes (2) – Self-compacting and fiber reinforced concretes

Week 5: Special concretes (3) – Basic understanding of high strength concrete, mass concrete and shotcrete

Week 6: Special concretes (4) – Handling preplaced aggregate concrete and light weight aggregate concrete

Week 7: Special concretes (5) – Special topics I: Underwater anti-washout concrete; micro-concrete

Week 8: Special concretes (6) – Special topics II: Expansive concrete, roller compacted concrete, concrete using recycled aggregate

Books and references

- [1] Mehta, P.K., and Monteiro P.J.M., Concrete – Microstructure, Properties and Materials, 3rd Edition, McGraw Hill Education (India) Private Limited, New Delhi, Prentice-Hall, Inc., 2006.
- [2] Neville, A.M., Properties of concrete, 5th Edition, Pitman Publishers, New Delhi, India 1996.
- [3] Shetty, M.S., Concrete Technology (Theory and Practice), 7th Edition, S. Chand & Company Ltd., New Delhi, 2013.
- [4] Sidney, M., Young, J.F., and Darwin, D., Concrete, 2nd Edition, Prentice-Hall, Pearson Education, Inc., New Jersey, 2003.
- [5] Kosmatka, S.H., Kerkhoff, B., and Panarese, W.C., Design and Control of Concrete Mixtures, 14th Edition, Portland Cement Association, Skokie, Illinois, USA, 2003.
- [6] JSCE subcommittee, Standard specifications for concrete structures – 2007 "Materials and construction", Report: JSCE guidelines for concrete (No. 16), Japan Society of Civil Engineers, Tokyo, Japan, 2010.

Instructor bio



Prof. Sudhir Misra

IIT Kanpur

Prof. Sudhir Misra is Professor at the Department of Civil Engineering, Indian Institute of Technology Kanpur and has a keen interest in concrete materials, construction and engineering. He has worked with consulting and construction companies also during his 35 years of professional experience, and also led the effort to initiate a graduate programme in Infrastructure Engineering and Management at IIT Kanpur. He has been a member of committees of the BIS and also worked with professional organizations in Japan and India. His research interests include durability and non-destructive testing of concrete and development and utilization of special concretes. A lecture module of Concrete Engineering and Technology by him is also available online under the NPTEL scheme of the Government of India.

Course certificate

The course is free to enroll and learn from. But if you want a certificate, you have to register and write the proctored exam conducted by us in person at any of the designated exam centres.

The exam is optional for a fee of Rs 1000/- (Rupees one thousand only).



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Courses (<https://swayam.gov.in/explorer>) >

Advanced Foundation Engineering

By Prof. Kousik Deb | IIT Kharagpur

Join (/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce32) Learners enrolled: 1524

Advanced Foundation Engineering



The course will focus on the design of shallow foundation on sloping ground, layered soil and under inclined & eccentric loading conditions. Piles under uplift and lateral loading conditions will also be discussed. In the undergraduate core course on Foundation Engineering, these topics are either not covered or discussed in simplified form. In the proposed course, these advanced topics will be discussed in detail. This course is useful for both UG and PG student. The course is also suitable for students who are preparing for competitive examination. Field Engineers can be benefited from this course as the design of foundations under critical conditions (those are not generally covered in UG core foundation engineering course) will be discussed here

INTENDED AUDIENCE : UG and PG students. Research Scholars and Practicing Engineers can also take this course.

PREREQUISITES : BE Students can take after completing third year or after completing "Soil Mechanics" and "Foundation Engineering" courses. ME and PhD students can take during first semester of their course work.

INDUSTRIES SUPPORT : Most of the Civil Engineering companies

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	12 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	• Civil Engineering
Credit Points :	3
Level :	Undergraduate/Postgraduate

This is an AICTE approved FDP course



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Safety in Construction

By Prof. J. Uma Maheswari | IIT Delhi

Join (/update_profile_and_register?user_email=arun2kannancivil@gmail.com&raw_slug=/noc22_ce39) Learners enrolled: 2434

Intro Video



This course aims to make the students well-versed with the latest safety and health regulations and the Indian Standards applicable to the construction industry. At the end of this course, the students will be able to plan, assess, analyze and manage the hazardous construction project sites.

INTENDED AUDIENCE : Civil Engineering Students

PREREQUISITES : Not required

INDUSTRIES SUPPORT : Any Construction Industry

Summary

Course Status :	Upcoming
Course Type :	Elective
Duration :	8 weeks
Start Date :	
End Date :	
Exam Date :	
Enrollment Ends :	
Category :	<ul style="list-style-type: none">Civil Engineering
Credit Points :	2
Level :	Undergraduate/Postgraduate

This is an AICTE approved FDP course

(/facebook) (/twitter) (/email) (/linkedin) (/whatsapp)



(<https://swayam.gov.in/>)



(https://swayam.gov.in/nc_details/NPTEL)

(https://www.addtoany.com/share?url=https://swayam.gov.in/nc_details/NPTEL/2022_Ce39/preview?user_email=arun2kannancivil@gmail.com&title=Safety%20in%20Construction%20Course)

Course layout

Week 1: Basic terminology in safety, types of injuries, safety pyramid

Week 2: Accident patterns, theories of accident-causation

Week 3: Planning for safety budget, safety culture

Week 4: Introduction to OSHA regulations, Role of stakeholders in safety

Week 5: Site safety programs - Job hazard analysis, accident investigation & accident indices-violation, penalty

Week 6: Safety during construction, alteration, demolition works – Earthwork, steel construction, temporary structures, masonry & concrete construction, cutting & welding

Week 7: SoPs (Safe Operating Procedures) – Construction equipment, materials handling-disposal & hand tools

Week 8: Other hazards – fire, confined spaces, electrical safety, BIM & safety

Books and references

1. Hinze, J W (1997) Construction Safety, Prentice Hall
 2. MacCollum, D V (1995) Construction Safety Planning, John Wiley & Sons
 3. Reese, C D & Eidson, J V (2006) Handbook of OSHA Construction Safety and Health, Taylor & Francis
 4. Lingard, H & Rowlinson, S (2005) Occupational health and Safety in Construction Project Management, Spon Press
 5. Holt, A S J (2005) Principles of Construction Safety, Wiley-Blackwell Publishers
 6. MacCollum, D V (2007) Construction Safety Engineering Principles, McGraw Hill Publishers
 7. Bhattacharjee, S K (2011) Safety Management in Construction, Khanna Publishers
 8. Li, R Y M & Poon, S W (2013) Construction Safety, Springer Publishers
- Few IS Codes & journal papers

Instructor bio



Prof. J. Uma Maheswari

IIT Delhi

Dr. J. Uma Maheswari is Associate Professor in the Department of Civil Engineering at Indian Institute of Technology Delhi. Dr. J. Uma Maheswari is very active in teaching several undergraduate and postgraduate level courses in Construction Project Management at Indian Institute of Technology Delhi. For several years, she was teaching three postgraduate programmes – Construction Engineering and Management (MHRD), Construction Technology and Management (L&T sponsor) and Metro Rail Transport: Technology & Management (DMRC sponsor). She was instrumental in developing and structuring the PG Diploma program in "Metro Rail Transport: Technology & Management". She had graduated 60 MTech and 3 PhD students till date. Her passionate research topics are Design Management, Automation in Design and Construction. She was a recipient of Kusuma Outstanding Young faculty Fellowship offered at IIT Delhi for two years. Recognizing her academic contribution, Project Management Institute India has conferred on her the prestigious PMI India Young Research Scholar Award in 2015. She also received the CIDC Vishwakarma Award for Outstanding Academician category offered by Construction Industry Development Council in 2018. She has also received three best paper awards for Journal and Conference Publications apart from several prizes during her post-graduation.

Course certificate

The course is free to enroll and learn from. But if you want a certificate, you have to register and write the proctored exam conducted by us in person at any of the designated exam centres.

The exam is optional for a fee of Rs 1000/- (Rupees one thousand only)

ACADEMIC

YEAR

2018-2019

CDC COURSES





DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 /ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC) - COMMUNICATION SKILLS - CURRICULUM

CDC NAME	: Communication Skills
YEAR/SEM	: I CIVIL/ V .
BATCH	: 2015-2019
DURATION	: 15 Hours
TOTAL NO OF STUDENTS	: 58
NAME OF THE RESOURCE PERSON	: Mr.J.Radhakrishnan
ASSESSMENT PROCEDURE	: Quiz

CHAPTER - 1 LISTENING

- Introduction to Listening, Listen for gist and respond
- Listen for details and key words to understand specific meaning
- Listen and respond to questions and requests for personal information
- Listen to simple conversations in everyday contexts and respond
- Listening to intonation

CHAPTER - 2 ORAL COMMUNICATION

- Use conversation starters: introducing oneself; introducing others; small talk: family, friends, hobbies, profession, studies etc
- Pronunciation practice: Stress and syllables; word stress; contracted forms; utterance stress; uses of a dictionary for pronunciation practice
- Summarize academic readings and lectures, and make presentations
- Pronunciation practice: Problem sounds
- Use appropriate language to request and respond to requests

CHAPTER - 3 BASIC READING SKILLS

- Skimming through reading texts and determine two or more main ideas or themes
- Scanning through reading texts to understand and explain how key details support the main ideas or themes

CHAPTER - 4 UNDERSTANDING TEXT STRUCTURES

- Understanding text structures
- Reading texts to have these structures: sequencing, comparing and contrasting, relating cause and effect, problems and problem solving
- Noticing and discussing rhetorical and cultural aspects depicted in texts
- Learning the structure of paragraphs and cohesive devices used in reading texts

CHAPTER - 5 INFORMAL AND FORMAL COMMUNICATION

- Write informal letters, applications, and official letters of request
- Write official e-mails, memos and notices

CHAPTER - 6 PREPARING FOR THE JOB

- Becoming successful in group discussions
- Learning the presentation skills: presentation strategies - from notes to presenting; group, pair, individual presentations
- Interview taking skills
- Non-Verbal Communication (Using appropriate body language, Using positive facial expressions, Using polite eye contact, Visuals and self-awareness questionnaires to be used)


CDC In-charge


29/8/18
HOD/CIVIL


29/8/2018
PRINCIPAL



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



TUV Rheinland
CERT
ISO 9001

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - COMMUNICATION SKILLS

STUDENTS NAME LIST

CLASS: III

DURATION:15 HOURS

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821116103002	AJITH. R	Ajith. R
2	821116103003	AKILAN.S	Akila.S
3	821116103004	ANUSUYA. D	Anus. D
4	821116103005	APURVA. R	Apurva
5	821116103006	ARUN. A	Arun. A
6	821116103007	ARUN. A	Arun
7	821116103008	BALAVIGNESHWARAN. B	Bala
8	821116103009	BEGUM MARIAM. M	M. Begum
9	821116103010	DHILIPAN. M	M. Dhilip
10	821116103012	JAYASEELAN. L	L. Jayaseelan
11	821116103013	KOWSALYA. K	K. Kowsalya
12	821116103014	LENIN. N.S	Lenin
13	821116103015	LYDIYA. I	I. Lydiya
14	821116103016	MADESH. S	S. Madesh
15	821116103017	MADHURA. K	K. Madhura
16	821116103018	MAHASRI. R	R. Mahasri
17	821116103020	MASHILA. S	S. Mashila
18	821116103021	MECHINARKINIYAN.M	M. Mechinarkiniyan
19	821116103022	MITHRAN. D	D. Mithran
20	821116103023	MOHAMMEDAMEERALI. H	H. Mohammedameerali
21	821116103025	MUGILARASAN. M	M. Mugilarasan
22	821116103026	MUKILAN. M	M. Mukilan
23	821116103028	NITHISH KUMAR. M	M. Nithish Kumar
24	821116103029	PONPRIYANKA. P	P. Ponpriyanka
25	821116103030	PRATHAP. M	M. Prathap
26	821116103031	PRAVIN. P	P. Pravin
27	821116103032	PRIYA. D	D. Priya
28	821116103033	PRIYANKA. P	P. Priyanka
29	821116103034	RAMKI. R	R. Ramki

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
30	821116103036	SALAMAN JOSEPHRAJ. Y	Aran
31	821116103037	SANTHOSHKUMAR.V	V. Suj
32	821116103038	SNEKA.S	S. Gonsalves
33	821116103039	SOWNDHARYA. V	V. Soughu
34	821116103040	SUBASH. S	S. Soughu
35	821116103042	SURIYA. S	S. Surynn
36	821116103043	SWATHI.K	K. Swathi
37	821116103044	VEERA KUMAR. S	S. Vee. Vee
38	821116103046	VIGNESHWARAN.R	R. Vigneshwaran
39	821116103047	VIGNESHWARAN. S	S. Vigneshwaran
40	821116103048	VIGNESHWARAN. S	S. Vigneshwaran
41	821116103049	VIJAY. V	V. Vijay
42	821116103050	VINITHA. S	S. Vinitha
43	821116103051	YOGARAJ. V	V. Yogaraj
44	821116103302	AKASH. R	R. Akash
45	821116103304	DHANAPAL. S	S. Dhanyal
46	821116103306	GUNASSELAN. G	G. Gunaseelan
47	821116103307	KARTHIKEYAN. A	A. Karthikeyan
48	821116103308	KAVIYARASAN. M	M. Kaviyarasan
49	821116103310	MANIKANDAN. D	D. Manikandan
50	821116103312	NANDHINI. T	T. Nandhini
51	821116103313	PRIYA. S	S. Priya
52	821116103314	RAJARAJATHI. U	U. Rajarajathi
53	821116103315	SANTHIYA. V	V. Santhiya
54	821116103502	SARAVANAN. J	J. Saravanan
55	821116103503	KANNAN. S	S. Kannan
56	821116103701	WILSON. P	P. Wilson
57	821116103702	JAMES MAHAJAN.S	S. James Mahajan
58	821116103703	KANNAN. S	S. Kannan


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS-COMMUNICATION SKILLS

ATTENDANCE SHEET

BATCH:2016-2020CLASS/SEM:III/V

ROLL NO	REGISTER NO	STUDENT NAME	10.7.18	19.7.18	27.7.18	12.8.18	21.8.18	28.8.18				
1	821116103002	AJITH. R	/	/	/	/	/	/				
2	821116103003	AKILAN.S	/	/	/	/	/	/				
3	821116103004	ANUSUYA. D	/	/	/	/	/	/				
4	821116103005	APURVA. R	/	/	/	/	/	/				
5	821116103006	ARUN. A	/	/	/	/	/	/				
6	821116103007	ARUN. A	/	/	/	/	/	/				
7	821116103008	BALAVIGNESHWARAN. B	a	/	/	/	/	/				
8	821116103009	BEGUM MARIAM. M	/	/	/	/	/	/				
9	821116103010	DHILIPAN. M	/	/	/	/	/	/				
10	821116103012	JAYASEELAN. L	/	/	a	/	/	/				
11	821116103013	KOWSALYA. K	/	/	/	/	/	/				
12	821116103014	LENIN. N.S	/	/	/	/	/	/				
13	821116103015	LYDIYA. I	/	/	/	/	/	/				
14	821116103016	MADESH. S	/	/	/	/	a	/				
15	821116103017	MADHURA. K	/	/	/	/	/	/				
16	821116103018	MAHASRI. R	a	/	/	/	/	/				
17	821116103020	MASHILA. S	/	/	/	/	/	/				
18	821116103021	MECHINARKINIYAN.M	/	/	/	/	/	/				
19	821116103022	MITHRAN. D	/	/	/	/	/	/				
20	821116103023	MOHAMMEDAMEERALI. H	/	/	a	/	/	/				
21	821116103025	MUGILARASAN. M	/	/	/	/	/	/				
22	821116103026	MUKILAN. M	/	/	/	/	/	/				
23	821116103028	NITHISH KUMAR. M	/	/	/	/	/	/				
24	821116103029	PONPRIYANKA. P	/	/	/	/	/	/				
25	821116103030	PRATHAP. M	/	/	/	/	/	/				
26	821116103031	PRAVIN. P	/	/	/	/	/	/				
27	821116103032	PRIYA. D	/	/	/	a	/	/				
28	821116103033	PRIYANKA. P	/	/	/	/	/	/				
29	821116103034	RAMKI. R	/	/	/	/	/	/				

ROLL NO	REGISTER NO	STUDENT NAME	16-7	17-7	24-7	14.8.11	21.8.11	29.8.11			
30	821116103036	SALAMAN JOSEPHRAJ. Y	/	/	/	/	/	/			
31	821116103037	SANTHOSHKUMAR.V	/	/	/	/	/	/			
32	821116103038	SNEKA.S	/	/	/	/	/	/			
33	821116103039	SOWNDHARYA. V	/	/	/	/	/	/			
34	821116103040	SUBASH. S	/	a	/	/	/	/			
35	821116103042	SURIYA. S	/	/	/	/	/	/			
36	821116103043	SWATHI.K	/	/	/	/	/	/			
37	821116103044	VEERA KUMAR. S	/	/	/	/	/	/			
38	821116103046	VIGNESHWARAN.R	/	/	/	a	/	/			
39	821116103047	VIGNESHWARAN. S	/	/	/	/	/	/			
40	821116103048	VIGNESHWARAN. S	/	/	/	/	/	/			
41	821116103049	VIJAY. V	/	/	/	/	/	/			
42	821116103050	VINITHA. S	/	/	/	/	/	/			
43	821116103051	YOGARAJ. V	a	/	/	/	/	/			
44	821116103302	AKASH. R	/	/	/	/	/	/			
45	821116103304	DHANAPAL. S	/	/	/	/	/	/			
46	821116103306	GUNASSELAN. G	/	/	/	/	/	/			
47	821116103307	KARTHIKEYAN. A	/	/	/	/	/	/			
48	821116103308	KAVIYARASAN. M	/	/	/	a	/	/			
49	821116103310	MANIKANDAN. D	/	/	/	/	/	/			
50	821116103312	NANDHINI. T	/	/	/	/	/	a			
51	821116103313	PRIYA. S	/	/	/	/	/	/			
52	821116103314	RAJARAJATHI. U	/	/	/	/	/	/			
53	821116103315	SANTHIYA. V	/	/	/	/	/	/			
54	821116103502	SARAVANAN. J	/	/	/	/	/	/			
55	821116103503	KANNAN. S	/	/	/	/	/	/			
56	821116103701	WILSON. P	/	/	/	/	/	/			
57	821116103702	JAMES MAHAJAN.S	/	/	/	/	/	/			
58	821116103703	KANNAN. S	/	/	/	/	/	/			


CDC-INCHARGE


HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - COMMUNICATION SKILLS

MARK STATEMENT

BATCH: 2016-2020

CLASS/SEM: III/V

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821116103002	AJITH. R	38
2	821116103003	AKILAN.S	35
3	821116103004	ANUSUYA. D	37
4	821116103005	APURVA. R	32
5	821116103006	ARUN. A	31
6	821116103007	ARUN. A	28
7	821116103008	BALAVIGNESHWARAN. B	20
8	821116103009	BEGUM MARIAM. M	01
9	821116103010	DHILIPAN. M	08
10	821116103012	JAYASEELAN. L	06
11	821116103013	KOWSALYA. K	41
12	821116103014	LENIN. N.S	35
13	821116103015	LYDIYA. I	25
14	821116103016	MADESH. S	41
15	821116103017	MADHURA. K	36
16	821116103018	MAHASRI. R	35
17	821116103018	MAHASRI. R	24
18	821116103020	MASHILA. S	29
19	821116103021	MECHINARKINIYAN.M	30
20	821116103022	MITHRAN. D	25
21	821116103023	MOHAMMEDAMEERALI. H	27
22	821116103025	MUGILARASAN. M	35
23	821116103026	MUKILAN. M	32
24	821116103028	NITHISH KUMAR. M	42
25	821116103029	PONPRIYANKA. P	36
26	821116103030	PRATHAP. M	31
27	821116103031	PRAVIN. P	28
28	821116103032	PRIYA. D	18
29	821116103033	PRIYANKA. P	19
29	821116103034	RAMKI. R	

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
30	821116103036	SALAMAN JOSEPHRAJ. Y	25
31	821116103037	SANTHOSHKUMAR.V	24
32	821116103038	SNEKA.S	15
33	821116103039	SOWNDHARYA. V	22
34	821116103040	SUBASH. S	30
35	821116103042	SURIYA. S	42
36	821116103043	SWATHI.K	17
37	821116103044	VEERA KUMAR. S	15
38	821116103046	VIGNESHWARAN.R	23
39	821116103047	VIGNESHWARAN. S	36
40	821116103048	VIGNESHWARAN. S	28
41	821116103049	VIJAY. V	19
42	821116103050	VINITHA. S	21
43	821116103051	YOGARAJ. V	40
44	821116103302	AKASH. R	34
45	821116103304	DHANAPAL. S	19
46	821116103306	GUNASSELAN. G	25
47	821116103307	KARTHIKEYAN. A	18
48	821116103308	KAVIYARASAN. M	22
49	821116103310	MANIKANDAN. D	31
50	821116103312	NANDHINI. T	37
51	821116103313	PRIYA. S	42
52	821116103314	RAJARAJATHI. U	25
53	821116103315	SANTHIYA. V	27
54	821116103502	SARAVANAN. J	24
55	821116103503	KANNAN. S	26
56	821116103701	WILSON. P	17
57	821116103702	JAMES MAHAJAN.S	15
58	821116103703	KANNAN. S	28


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HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 / ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS (CDC) - COMMUNICATION SKILLS

OUTCOME

- 42 Students of second year from the department of civil engineering have enrolled in "COMMUNICATION SKILLS" of competency development class.
- Students gained more knowledge in reading and understanding the language.
- Students got a good communication in speaking English fluently.
- Students facilitate their ability to work collaborately with others.
- Students got improvement and growth opportunities.
- Students were able to give oral presentation and receive feedback on their performance.
- Students got willingness to attend in various presentations.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.
- Students got free from stage fear.


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 / ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC) - GATE COACHING - CURRICULUM

CDC NAME : GATE Coaching
YEAR/SEM : III CIVIL
BATCH : 2016-2020
DURATION : 15 Hours
TOTAL NO OF STUDENTS : 58
NAME OF THE RESOURCE PERSON : Mr.M.Manimuthan
ASSESSMENT PROCEDURE : MCQ

Section 1&2: Structural Engineering

- Engineering Mechanics
- Structural Analysis
- Construction Materials and Management

Section 3: Geotechnical Engineering

- Soil Mechanics
- Foundation Engineering

Section 4: Water Resources Engineering

- Fluid Mechanics
- Hydraulics
- Irrigation

Section 5: Environmental Engineering

- Water and Waste Water
- Air Pollution
- Municipal Solid Wastes

Section 6: Transportation Engineering

- Transportation Infrastructure
- Highway Pavements
- Traffic Engineering

Section 7: Geomatics Engineering

- Principles of surveying
- Photogrammetry


CDC In-charge


29/8/18
HOD/CIVIL


29/8/2018
PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - GATE COACHING

STUDENTS NAME LIST

CLASS: III

DURATION:15 HOURS

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821116103002	AJITH. R	Ajith. R
2	821116103003	AKILAN.S	Akilan. S
3	821116103004	ANUSUYA. D	Anus. D
4	821116103005	APURVA. R	Apurva. R
5	821116103006	ARUN. A	Arun. A
6	821116103007	ARUN. A	Arun. A
7	821116103008	BALAVIGNESHWARAN. B	Bala
8	821116103009	BEGUM MARIAM. M	M. Begum
9	821116103010	DHILIPAN. M	M. Dhilip
10	821116103012	JAYASEELAN. L	L. Jayaseelan
11	821116103013	KOWSALYA. K	K. Kowsalya
12	821116103014	LENIN. N.S	N. Lenin
13	821116103015	LYDIYA. I	I. Lydiya
14	821116103016	MADESH. S	S. Madesh
15	821116103017	MADHURA. K	K. Madhura
16	821116103018	MAHASRI. R	R. Mahasri
17	821116103020	MASHILA. S	S. Mashila
18	821116103021	MECHINARKINIYAN.M	M. Mechinarkiniyan
19	821116103022	MITHRAN. D	D. Mithran
20	821116103023	MOHAMMEDAMEERALI. H	H. Mohammedameerali
21	821116103025	MUGILARASAN. M	M. Mugilarasan
22	821116103026	MUKILAN. M	M. Mukilan
23	821116103028	NITHISH KUMAR. M	M. Nithish Kumar
24	821116103029	PONPRIYANKA. P	P. Ponpriyanka
25	821116103030	PRATHAP. M	M. Prathap
26	821116103031	PRAVIN. P	P. Pravin
27	821116103032	PRIYA. D	D. Priya
28	821116103033	PRIYANKA. P	P. Priyanka
29	821116103034	RAMKI. R	R. Ramki

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
30	821116103036	SALAMAN JOSEPHRAJ. Y	Ann
31	821116103037	SANTHOSHKUMAR.V	V. Gnan
32	821116103038	SNEKA.S	S. Sankar
33	821116103039	SOWNDHARYA. V	V. Sangeetha
34	821116103040	SUBASH. S	S. Subash
35	821116103042	SURIYA. S	S. Suriya
36	821116103043	SWATHI.K	K. Swathi
37	821116103044	VEERA KUMAR. S	S. Veer
38	821116103046	VIGNESHWARAN.R	R. Vigneshwaran
39	821116103047	VIGNESHWARAN. S	S. Vignesh
40	821116103048	VIGNESHWARAN. S	S. Vigneshwaran
41	821116103049	VIJAY. V	V. Vijay
42	821116103050	VINITHA. S	S. Vinitha
43	821116103051	YOGARAJ. V	V. Yogaraj
44	821116103302	AKASH. R	R. Akash
45	821116103304	DHANAPAL. S	S. Dhanyal
46	821116103306	GUNASSELAN. G	G. Gunaseelan
47	821116103307	KARTHIKEYAN. A	A. Karthikeyan
48	821116103308	KAVIYARASAN. M	M. Kaviyarasan
49	821116103310	MANIKANDAN. D	D. Manikandan
50	821116103312	NANDHINI. T	T. Nandhini
51	821116103313	PRIYA. S	S. Priya
52	821116103314	RAJARAJATHI. U	U. Rajarajathi
53	821116103315	SANTHIYA. V	V. Santhiya
54	821116103502	SARAVANAN. J	J. Saravanan
55	821116103503	KANNAN. S	S. Kannan
56	821116103701	WILSON. P	P. Wilson
57	821116103702	JAMES MAHAJAN.S	S. James
58	821116103703	KANNAN. S	S. Kannan


HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS- GATE COACHING

ATTENDANCE SHEET

BATCH: 2016-2020

CLASS/SEM: III/V

ROLL NO	REGISTER NO	STUDENT NAME	17/18	18/18	19/18	20/18	21/18	22/18	23/18		
1	821116103002	AJITH. R	/	/	/	/	/	/	/		
2	821116103003	AKILAN.S	/	/	/	/	/	/	/		
3	821116103004	ANUSUYA. D	/	/	/	/	/	/	/		
4	821116103005	APURVA. R	/	/	/	/	/	/	/		
5	821116103006	ARUN. A	9	/	/	/	/	/	/		
6	821116103007	ARUN. A	/	/	/	/	/	/	/		
7	821116103008	BALAVIGNESHWARAN. B	/	/	/	9	/	/	/		
8	821116103009	BEGUM MARIAM. M	/	/	/	/	/	/	/		
9	821116103010	DHILIPAN. M	/	/	/	/	/	/	/		
10	821116103012	JAYASEELAN. L	/	/	/	/	/	/	/		
11	821116103013	KOWSALYA. K	/	/	/	/	/	/	/		
12	821116103014	LENIN. N.S	/	/	/	/	/	/	/		
13	821116103015	LYDIYA. I	/	/	/	/	9	/	/		
14	821116103016	MADESH. S	/	/	/	/	/	/	/		
15	821116103017	MADHURA. K	/	/	/	/	/	/	/		
16	821116103018	MAHASRI. R	/	/	/	/	/	/	/		
17	821116103020	MASHILA. S	/	/	/	/	/	/	/		
18	821116103021	MECHINARKINIYAN.M	/	/	/	/	/	/	/		
19	821116103022	MITHRAN. D	/	/	/	/	/	/	/		
20	821116103023	MOHAMMEDAMEERALI. H	/	/	/	/	/	/	/		
21	821116103025	MUGILARASAN. M	/	/	9	/	/	/	/		
22	821116103026	MUKILAN. M	/	/	/	/	/	/	/		
23	821116103028	NITHISH KUMAR. M	/	/	/	/	/	/	/		
24	821116103029	PONPRIYANKA. P	/	/	/	/	/	/	/		
25	821116103030	PRATHAP. M	/	/	/	/	/	9	/		
26	821116103031	PRAVIN. P	/	/	/	/	/	/	/		
27	821116103032	PRIYA. D	/	/	/	/	/	/	/		
28	821116103033	PRIYANKA. P	/	/	/	/	/	/	/		
29	821116103034	RAMKI. R	/	/	/	/	/	/	9		

ROLL NO	REGISTER NO	STUDENT NAME	7/5/18	10/5/18	13/5/18	16/5/18	22/5/18	29/5/18	29/5/18			
30	821116103036	SALAMAN JOSEPHRAJ. Y	✓	✓	✓	✓	✓	✓	✓			
31	821116103037	SANTHOSHKUMAR.V	✓	✓	✓	✓	✓	✓	✓			
32	821116103038	SNEKA.S	✓	✓	✓	✓	✓	✓	✓			
33	821116103039	SOWNDHARYA. V	✓	✓	✓	✓	✓	✓	✓			
34	821116103040	SUBASH. S	✓	✓	✓	✓	✓	✓	✓			
35	821116103042	SURIYA. S	✓	✓	✓	✓	✓	✓	✓			
36	821116103043	SWATHI.K	✓	✓	✓	✓	✓	✓	✓			
37	821116103044	VEERA KUMAR. S	✓	✓	✓	q	✓	✓	✓			
38	821116103046	VIGNESHWARAN.R	✓	✓	✓	✓	✓	✓	✓			
39	821116103047	VIGNESHWARAN. S	✓	✓	✓	✓	✓	✓	✓			
40	821116103048	VIGNESHWARAN. S	✓	✓	✓	✓	✓	✓	✓			
41	821116103049	VIJAY. V	q	✓	✓	✓	✓	✓	✓			
42	821116103050	VINITHA. S	✓	✓	✓	✓	✓	✓	✓			
43	821116103051	YOGARAJ. V	✓	✓	✓	✓	✓	✓	✓			
44	821116103302	AKASH. R	✓	✓	✓	✓	✓	✓	✓			
45	821116103304	DHANAPAL. S	✓	✓	✓	✓	✓	✓	✓			
46	821116103306	GUNASSELAN. G	✓	✓	✓	✓	✓	✓	✓			
47	821116103307	KARTHIKEYAN. A	✓	✓	✓	q	✓	✓	✓			
48	821116103308	KAVIYARASAN. M	✓	✓	✓	✓	✓	✓	✓			
49	821116103310	MANIKANDAN. D	✓	✓	✓	✓	✓	✓	✓			
50	821116103312	NANDHINI. T	✓	✓	✓	✓	✓	✓	✓			
51	821116103313	PRIYA. S	✓	✓	✓	✓	✓	✓	✓			
52	821116103314	RAJARAJATHI. U	✓	q	✓	✓	✓	✓	✓			
53	821116103315	SANTHIYA. V	✓	✓	✓	✓	✓	✓	✓			
54	821116103502	SARAVANAN. J	✓	✓	✓	✓	✓	✓	✓			
55	821116103503	KANNAN. S	✓	✓	✓	✓	✓	✓	✓			
56	821116103701	WILSON. P	✓	✓	✓	✓	✓	✓	✓			
57	821116103702	JAMES MAHAJAN.S	✓	✓	✓	✓	✓	✓	✓			
58	821116103703	KANNAN. S	✓	✓	✓	✓	✓	✓	✓			


CDC-INCHARGE


HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - GATE COACHING

MARK STATEMENT

BATCH: 2016-2020

CLASS/SEM: III/V

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821116103002	AJITH. R	25
2	821116103003	AKILAN.S	21
3	821116103004	ANUSUYA. D	36
4	821116103005	APURVA. R	27
5	821116103006	ARUN. A	25
6	821116103007	ARUN. A	24
7	821116103008	BALAVIGNESHWARAN. B	15
8	821116103009	BEGUM MARIAM. M	36
9	821116103010	DHILIPAN. M	12
10	821116103012	JAYASEELAN. L	19
11	821116103013	KOWSALYA. K	22
12	821116103014	LENIN. N.S	43
13	821116103015	LYDIYA. I	23
14	821116103016	MADESH. S	9
15	821116103017	MADHURA. K	15
16	821116103018	MAHASRI. R	17
17	821116103020	MASHILA. S	35
18	821116103021	MECHINARKINIYAN.M	14
19	821116103022	MITHRAN. D	25
20	821116103023	MOHAMMEDAMEERALI. H	34
21	821116103025	MUGILARASAN. M	41
22	821116103026	MUKILAN. M	28
23	821116103028	NITHISH KUMAR. M	31
24	821116103029	PONPRIYANKA. P	26
25	821116103030	PRATHAP. M	17
26	821116103031	PRAVIN. P	29
27	821116103032	PRIYA. D	24
28	821116103033	PRIYANKA. P	35
29	821116103034	RAMKI. R	19

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
30	821116103036	SALAMAN JOSEPHRAJ. Y	15
31	821116103037	SANTHOSHKUMAR.V	19
32	821116103038	SNEKA.S	24
33	821116103039	SOWNDHARYA. V	28
34	821116103040	SUBASH. S	16
35	821116103042	SURIYA. S	28
36	821116103043	SWATHI.K	14
37	821116103044	VEERA KUMAR. S	15
38	821116103046	VIGNESHWARAN.R	24
39	821116103047	VIGNESHWARAN. S	25
40	821116103048	VIGNESHWARAN. S	26
41	821116103049	VIJAY. V	31
42	821116103050	VINITHA. S	34
43	821116103051	YOGARAJ. V	36
44	821116103302	AKASH. R	38
45	821116103304	DHANAPAL. S	17
46	821116103306	GUNASSELAN. G	19
47	821116103307	KARTHIKEYAN. A	28
48	821116103308	KAVIYARASAN. M	26
49	821116103310	MANIKANDAN. D	23
50	821116103312	NANDHINI. T	21
51	821116103313	PRIYA. S	24
52	821116103314	RAJARAJATHI. U	26
53	821116103315	SANTHIYA. V	42
54	821116103502	SARAVANAN. J	28
55	821116103503	KANNAN. S	24
56	821116103701	WILSON. P	39
57	821116103702	JAMES MAHAJAN.S	42
58	821116103703	KANNAN. S	38


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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-19 / ODD SEMESTER
COMPETENCY DEVELOPMENT CLASS (CDC) - GATE COACHING

OUTCOME

- 58 Students of third year from the department of civil engineering have enrolled in GATE COACHING of competency development class.
- Students got a great idea in GATE competitive exam and its benefits.
- Students identified their own strengths and develop areas for growth.
- Students got improvement and growth opportunities.
- Students were able to solve the gate questions according to own interests and talents.
- Students got willingness to attend in different competitive exams.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.
- Students got free from fear on competitive exams.


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 / ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC) - BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

CURRICULUM

CDC NAME	: Basic Technical Concepts of Civil Engineering
YEAR/SEM	: II/IV
BATCH	: 2017-2021
DURATION	: 15 Hours
TOTAL NO OF STUDENTS	: 42
NAME OF THE RESOURCE PERSON	: Mr.R.Sundharam
ASSESSMENT PROCEDURE	: Quiz

CHAPTER - 1 CHAIN SURVEYING

- Surveying instruments; chains, tapes, steel bands, their types & uses

CHAPTER - 2 COMPASS SURVEYING

- Ranging & Chaining of Survey lines. Field work & Plotting of Chain survey

CHAPTER - 3 PLANE TABLE SURVEYING

- Prismatic Compass & Surveyor compass
- Uses, Bearings, Local attraction, Fieldwork & Plotting

CHAPTER - 3 LEVELLING

- General principle
- Types of levels and their temporary and permanent adjustments
- Methods of levelling. Reduction of levels, Precise levelling and Trigonometric Leveling

CHAPTER - 4 THEODOLITE

- Types and uses of theodolites.
- Temporary and permanent adjustments.
- Measurement of horizontal and vertical angles.

CHAPTER - 4 TRAVERSING

- Traversing with prismatic compass, theodolite and plane table, computations and adjustments of traverse, transformation of Co-ordinates


CDC In-charge


HOD/CIVIL


PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

CDC - BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

STUDENTS NAMELIST

CLASS:II

DURATION: 15 HOURS

S.NO.	REGISTER NO.	NAME OF THE STUDENT	SIGNATURE
1	821117103001	Aakash Krishna S	S. Aakash
2	821117103002	Antony joe N	Antony Joe N
3	821117103004	Bagavathi R	R. Bagavathi
4	821117103006	Boobalan A	A. Boobalan
5	821117103007	Gayathri R	R. Gayathri
6	821117103008	Gopalakrishnan M	M. Gopalakrishnan
7	821117103009	Gowthaman T	T. Gowthaman
8	821117103010	Guru swathik KS	KS. Guru Swathik
9	821117103011	Jayasuriya K	K. Jayasuriya
10	821117103012	Kaushik siva V	V. Kaushik Siva
11	821117103013	Maheshwaran G	G. Maheshwaran
12	821117103014	Mariya K	K. Mariya
13	821117103015	Mohamed nafees M	M. Mohamed Nafees
14	821117103016	Navaneethakrishnan S	S. Navaneethakrishnan
15	821117103018	Nivash M	M. Nivash
16	821117103020	Ram kumar C	C. Ram Kumar
17	821117103021	Ranjith K	K. Ranjith
18	821117103022	Santhosh anandh D	D. Santhosh Anandh
19	821117103023	Shalini S	S. Shalini
20	821117103024	Silambarasan P	P. Silambarasan
21	821117103025	Soundariya M	M. Soundariya
22	821117103027	Surendar KL	KL. Surendar
23	821117103028	Suriya prashath KS	KS. Suriya Prashath
24	821117103029	Thamilarasan T	T. Thamilarasan
25	821117103031	Vigneshwaran C	C. Vigneshwaran
26	821117103032	Yuvaraj A	A. Yuvaraj

S.NO.	REGISTER NO.	NAME OF THE STUDENT	SIGNATURE
27	821117103301	Akash V	V. Akash
28	821117103302	Arokia alex K	D. Arokia Alex K
29	821117103303	Arunstalin A	A. Arunstalin A
30	821117103304	Boomidurai C	C. Boomidurai
31	821117103305	Guruharan S	S. Guruharan
32	821117103306	kabilan S	S. Kabilan
33	821117103307	Karpagam S	S. Karpagam
34	821117103308	Logesh A	A. Logesh
35	821117103309	Nareshvekkalidasan k K	K. Nareshvekkalidasan
36	821117103310	Premnath T	T. Premnath
37	821117103311	Rajesh T	T. Rajesh
38	821117103312	Rashiga R	R. Rashiga
39	821117103313	Sahittiya L	L. Sahittiya
40	821117103314	Santhoshkandhan P	P. Santhoshkandhan
41	821117103315	Saravanan V	V. Saravanan
42	821117103316	Veviyam paul L	L. Veviyam Paul


 25/9/18
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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

ATTENDANCE SHEET

BATCH: 2017-2021 CLASS/SEM: II/IV

S.NO.	REGISTER NO.	NAME OF THE STUDENT	16.10.18	17.10.18	18.10.18	19.10.18	21.10.18	24.10.18						
1	821117103001	Aakash Krishna S	/	/	/	/	/	/						
2	821117103002	Antony joe N	/	/	/	/	/	/						
3	821117103004	Bagavathi R	/	/	/	/	/	/						
4	821117103006	Boobalan A	/	/	/	/	/	/						
5	821117103007	Gayathri R	/	/	/	/	/	/						
6	821117103008	Gopalakrishnan M	/	/	/	/	/	/						
7	821117103009	Gowthaman T	/	/	/	/	/	/						
8	821117103010	Guru swathik KS	/	/	/	/	/	/						
9	821117103011	Jayasuriya K	/	/	/	/	/	/						
10	821117103012	Kaushik siva V	/	/	/	/	/	/						
11	821117103013	Maheshwaran G	/	/	/	/	/	/						
12	821117103014	Mariya K	/	/	/	/	/	/						
13	821117103015	Mohamed nafees M	/	/	/	/	/	/						
14	821117103016	Navaneethakrishnan S	/	/	/	/	/	/						
15	821117103018	Nivash M	/	/	/	/	/	/						
16	821117103020	Ram kumar C	/	/	/	/	/	/						
17	821117103021	Ranjith K	/	/	/	/	/	/						
18	821117103022	Santhosh anandh D	/	/	/	/	/	/						
19	821117103023	Shalini S	/	/	/	/	/	/						
20	821117103024	Silambarasan P	/	/	/	/	/	/						
21	821117103025	Soundariya M	/	/	/	/	/	/						
22	821117103027	Surendar KL	/	/	/	/	/	/						
23	821117103028	Suriyaprashath KS	/	/	/	/	/	/						
24	821117103029	Thamilarasan T	/	/	/	/	/	/						
25	821117103031	Vigneshwaran C	/	/	/	/	/	/						
26	821117103032	Yuvaraj A	/	/	/	/	/	/						

S.NO.	REGISTER NO.	NAME OF THE STUDENT	10.7.18	19.7.18	29.7.18	7.8.18	21.8.18	29.8.18			
27	821117103301	Akash V	/	/	/	/	/	/			
28	821117103302	Arokiaalex K	/	/	/	/	/	/			
29	821117103303	Arunstalin A	/	/	/	/	/	/			
30	821117103304	Boomidurai C	/	/	/	/	/	/			
31	821117103305	Guruharan S	/	/	a	/	/	/			
32	821117103306	kabilan S	/	/	/	/	/	/			
33	821117103307	Karpagam S	/	/	/	/	/	/			
34	821117103308	Logesh A	/	/	/	/	/	/			
35	821117103309	Nareshvekkalidasan k K	/	/	/	/	/	/			
36	821117103310	Premnath T	/	/	/	/	/	/			
37	821117103311	Rajesh T	/	/	/	/	/	/			
38	821117103312	Rashiga R	/	/	/	/	/	/			
39	821117103313	Sahittiya L	/	/	/	/	a	/			
40	821117103314	Santhoshkandhan P	/	/	/	/	/	/			
41	821117103315	Saravanan V	/	/	/	/	/	/			
42	821117103316	Veviyanpaul L	a	/	/	/	/	/			


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

MARK STATEMENT

BATCH: 2017-2021

CLASS/SEM: II/IV

S.NO.	REGISTER NO.	NAME OF THE STUDENT	MARK OUT OF 50
1	821117103001	Aakash Krishna S	18
2	821117103002	Antony joe N	16
3	821117103004	Bagavathi R	24
4	821117103006	Boobalan A	25
5	821117103007	Gayathri R	29
6	821117103008	Gopalakrishnan M	24
7	821117103009	Gowthaman T	31
8	821117103010	Guru swathik KS	36
9	821117103011	Jayasuriya K	35
10	821117103012	Kaushik siva V	38
11	821117103013	Maheshwaran G	24
12	821117103014	Mariya K	26
13	821117103015	Mohamed nafees M	40
14	821117103016	Navaneethakrishnan S	28
15	821117103018	Nivash M	34
16	821117103020	Ram kumar C	36
17	821117103021	Ranjith K	35
18	821117103022	Santhosh anandh D	28
19	821117103023	Shalini S	14
20	821117103024	Silambarasan P	17
21	821117103025	Soundariya M	41
22	821117103027	Surendar KL	16
23	821117103028	Suriya prashath KS	32
24	821117103029	Thamilarasan T	35
25	821117103031	Vigneshwaran C	28
26	821117103032	Yuvaraj A	24

S.NO.	REGISTER NO.	NAME OF THE STUDENT	MARK OUT OF 50
27	821117103301	Akash V	37
28	821117103302	Arokia alex K	32
29	821117103303	Arunstalin A	25
30	821117103304	Boomidurai C	26
31	821117103305	Guruharan S	18
32	821117103306	kabilan S	29
33	821117103307	Karpagam S	32
34	821117103308	Logesh A	36
35	821117103309	Nareshvekkalidasan k K	34
36	821117103310	Premnath T	28
37	821117103311	Rajesh T	14
38	821117103312	Rashiga R	16
39	821117103313	Sahittiya L	25
40	821117103314	Santhoshkandhan P	45
41	821117103315	Saravanan V	34
42	821117103316	Veviyan paul L	36


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 / ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS (CDC) - BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

OUTCOME

- 58 Students of third year from the department of civil engineering have enrolled in "BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING" of competency development class.
- Students gained fundamental information that can guide curriculum development/modification.
- Students were able to determine the three-dimensional relationships between different locations.
- Students were able to evaluate the effectiveness of alternative pedagogies..
- Students were able to create maps by observing and recording characteristics of the land as well as the distance between various points.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.
- Students got more field experience from the class.


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 / ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC)- VALUATION AND APPROVAL PROCESS

CURRICULUM

CDC NAME : Valuation and Approval Process
YEAR/SEM : III CIVIL/V
BATCH : 2016-2020
DURATION : 15 Hours
TOTAL NO OF STUDENTS : 58
NAME OF THE RESOURCE PERSON : Mr.M.Mohammed Ilyas
ASSESSMENT PROCEDURE : Quiz

SECTION: 1

- Necessity
- Various types of valuation
- Capitalised value
- Depreciation
- Escalation
- Calculation of Standard rent
- Mortgage - Lease-Valuation of Building- Loss assessment

SECTION: 2

- Approved architectural and structural drawings, NEMA certificate
- Bill of quantities
- Client and contractor signed contract documents
- Contractor's registration certificate
- Quantity surveyor's practicing certificate


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PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - VALUATION AND APPROVAL PROCESS

STUDENT NAME LIST

CLASS:III

DURATION: 15 HOURS

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821116103002	AJITH. R	Ajith R.
2	821116103003	AKILAN.S	Akila S.
3	821116103004	ANUSUYA. D	Anusuya D.
4	821116103005	APURVA. R	Apurva R.
5	821116103006	ARUN. A	Arun A.
6	821116103007	ARUN. A	Arun A.
7	821116103008	BALAVIGNESHWARAN. B	Balavigneshwaran B.
8	821116103009	BEGUM MARIAM. M	M. Begum Mariam
9	821116103010	DHILIPAN. M	M. Dhilipan
10	821116103012	JAYASEELAN. L	L. Jayaseelan
11	821116103013	KOWSALYA. K	K. Kowsalya
12	821116103014	LENIN. N.S	N.S. Lenin
13	821116103015	LYDIYA. I	I. Lydiya
14	821116103016	MADESH. S	S. Madesh
15	821116103017	MADHURA. K	K. Madhura
16	821116103018	MAHASRI. R	R. Mahasri
17	821116103020	MASHILA. S	S. Mashila
18	821116103021	MECHINARKINIYAN.M	M. Mechinarkiniyan
19	821116103022	MITHRAN. D	D. Mithran
20	821116103023	MOHAMMEDAMEERALI. H	H. Mohammedameerali
21	821116103025	MUGILARASAN. M	M. Mugilarasan
22	821116103026	MUKILAN. M	M. Mukilan
23	821116103028	NITHISH KUMAR. M	M. Nithish Kumar
24	821116103029	PONPRIYANKA. P	P. Ponpriyanka
25	821116103030	PRATHAP. M	M. Prathap
26	821116103031	PRAVIN. P	P. Pravin
27	821116103032	PRIYA. D	D. Priya
28	821116103033	PRIYANKA. P	P. Priyanka
29	821116103034	RAMKI. R	R. Ramki

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
30	821116103036	SALAMAN JOSEPHRAJ. Y	<i>dm</i>
31	821116103037	SANTHOSHKUMAR.V	<i>V. Suf</i>
32	821116103038	SNEKA.S	<i>S. Souber</i>
33	821116103039	SOWNDHARYA. V	<i>V. Souger</i>
34	821116103040	SUBASH. S	<i>S. Sub</i>
35	821116103042	SURIYA. S	<i>S. Surayya</i>
36	821116103043	SWATHI.K	<i>K. Swathi</i>
37	821116103044	VEERA KUMAR. S	<i>S. Veer Kumar</i>
38	821116103046	VIGNESHWARAN.R	<i>R. Vignesh</i>
39	821116103047	VIGNESHWARAN. S	<i>S. Vignesh</i>
40	821116103048	VIGNESHWARAN. S	<i>S. Vignesh</i>
41	821116103049	VIJAY. V	<i>V. Vijay</i>
42	821116103050	VINITHA. S	<i>S. Vinitha</i>
43	821116103051	YOGARAJ. V	<i>V. Yogaraj</i>
44	821116103302	AKASH. R	<i>R. Akash</i>
45	821116103304	DHANAPAL. S	<i>S. Dhana</i>
46	821116103306	GUNASSELAN. G	<i>G. Gunaseelan</i>
47	821116103307	KARTHIKEYAN. A	<i>A. Karthikeyan</i>
48	821116103308	KAVIYARASAN. M	KAVIYARASAN
49	821116103310	MANIKANDAN. D	<i>D. Manikandan</i>
50	821116103312	NANDHINI. T	<i>T. Nandhini</i>
51	821116103313	PRIYA. S	<i>S. Priya</i>
52	821116103314	RAJARAJATHI. U	<i>U. Rajarajathi</i>
53	821116103315	SANTHIYA. V	<i>V. Santhiya</i>
54	821116103502	SARAVANAN. J	<i>J. Saravanan</i>
55	821116103503	KANNAN. S	<i>S. Kannan</i>
56	821116103701	WILSON. P	<i>P. Wilson</i>
57	821116103702	JAMES MAHAJAN.S	<i>S. James Mahajan</i>
58.	821116103703	KANNAN. S	<i>S. Kannan</i>

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS- VALUATION AND APPROVAL PROCESS

ATTENDANCE SHEET

BATCH: 2016-2020

CLASS/SEM: III/V

ROLL NO	REGISTER NO	STUDENT NAME	12.11.18	18.11.18	26.11.18	17.12.18	24.12.18	31.12.18	7.1.19	14.1.19	21.1.19	28.1.19	4.2.19	11.2.19	18.2.19	25.2.19	3.3.19			
1	821116103002	AJITH. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
2	821116103003	AKILAN.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
3	821116103004	ANUSUYA. D	g	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
4	821116103005	APURVA. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
5	821116103006	ARUN. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
6	821116103007	ARUN. A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
7	821116103008	BALAVIGNESHWARAN. B	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
8	821116103009	BEGUM MARIAM. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
9	821116103010	DHILIPAN. M	/	g	/	/	/	/	/	/	/	/	/	/	/	/	/			
10	821116103012	JAYASEELAN. L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
11	821116103013	KOWSALYA. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
12	821116103014	LENIN. N.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
13	821116103015	LYDIYA. I	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
14	821116103016	MADESH. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
15	821116103017	MADHURA. K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
16	821116103018	MAHASRI. R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	g	/		
17	821116103020	MASHILA. S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
18	821116103021	MECHINARKINIYAN.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
19	821116103022	MITHRAN. D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
20	821116103023	MOHAMMEDAMEERALI. H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
21	821116103025	MUGILARASAN. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
22	821116103026	MUKILAN. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
23	821116103028	NITHISH KUMAR. M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
24	821116103029	PONPRIYANKA. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
25	821116103030	PRATHAP. M	g	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
26	821116103031	PRAVIN. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
27	821116103032	PRIYA. D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
28	821116103033	PRIYANKA. P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/			
29	821116103034	RAMKI. R	/	/	/	/	/	g	/	/	/	/	/	/	/	/	/			



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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - VALUATION AND APPROVAL PROCESS

MARK STATEMENT

BATCH: 2016-2020

CLASS/SEM: III/V

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821116103002	AJITH. R	32
2	821116103003	AKILAN.S	15
3	821116103004	ANUSUYA. D	19
4	821116103005	APURVA. R	24
5	821116103006	ARUN. A	25
6	821116103007	ARUN. A	26
7	821116103008	BALAVIGNESHWARAN. B	31
8	821116103009	BEGUM MARIAM. M	38
9	821116103010	DHILIPAN. M	40
10	821116103012	JAYASEELAN. L	25
11	821116103013	KOWSALYA. K	26
12	821116103014	LENIN. N.S	31
13	821116103015	LYDIYA. I	38
14	821116103016	MADESH. S	39
15	821116103017	MADHURA. K	15
16	821116103018	MAHASRI. R	14
17	821116103020	MASHILA. S	20
18	821116103021	MECHINARKINIYAN.M	35
19	821116103022	MITHRAN. D	26
20	821116103023	MOHAMMEDAMEERALI. H	34
21	821116103025	MUGILARASAN. M	28
22	821116103026	MUKILAN. M	37
23	821116103028	NITHISH KUMAR. M	16
24	821116103029	PONPRIYANKA. P	34
25	821116103030	PRATHAP. M	26
26	821116103031	PRAVIN. P	42
27	821116103032	PRIYA. D	35
28	821116103033	PRIYANKA. P	12
29	821116103034	RAMKI. R	19

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
30	821116103036	SALAMAN JOSEPHRAJ. Y	19
31	821116103037	SANTHOSHKUMAR.V	12
32	821116103038	SNEKA.S	28
33	821116103039	SOWNDHARYA. V	34
34	821116103040	SUBASH. S	26
35	821116103042	SURIYA. S	31
36	821116103043	SWATHI.K	35
37	821116103044	VEERA KUMAR. S	38
38	821116103046	VIGNESHWARAN.R	16
39	821116103047	VIGNESHWARAN. S	18
40	821116103048	VIGNESHWARAN. S	24
41	821116103049	VIJAY. V	37
42	821116103050	VINITHA. S	20
43	821116103051	YOGARAJ. V	34
44	821116103302	AKASH. R	19
45	821116103304	DHANAPAL. S	43
46	821116103306	GUNASSELAN. G	18
47	821116103307	KARTHIKEYAN. A	24
48	821116103308	KAVIYARASAN. M	26
49	821116103310	MANIKANDAN. D	30
50	821116103312	NANDHINI. T	32
51	821116103313	PRIYA. S	18
52	821116103314	RAJARAJATHI. U	39
53	821116103315	SANTHIYA. V	34
54	821116103502	SARAVANAN. J	16
55	821116103503	KANNAN. S	18
56	821116103701	WILSON. P	32
57	821116103702	JAMES MAHAJAN.S	17
58.	821116103703	KANNAN. S	23


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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-19 /ODD SEMESTER
COMPETENCY DEVELOPMENT CLASS (CDC) - VALUATION AND APPROVAL PROCESS

OUTCOME

- 58 Students of third year from the department of civil engineering have enrolled in "VALUATION AND APPROVAL PROCESS" of competency development class.
- Students got a great idea in valuation of building.
- Students identified their own strengths and develop areas for growth.
- Students got improvement and growth opportunities.
- Students were able to evaluate the building structure by their own.
- Students were able to estimate the fair price or value of property.
- Students got knowledge of getting approval for the building.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19/ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC)-JOB OPPURTUNITIES IN CIVIL ENGINEERING-CURRICULUM

CDC NAME : Job Opportunities in Civil Engineering
YEAR/SEM : III CIVIL/V
BATCH : 2016-2020
DURATION : 15 Hours
TOTAL NO OF STUDENTS : 58
NAME OF THE RESOURCE PERSON : Mr.R.Sundharam
ASSESSMENT PROCEDURE : MCQ

SECTION: 1 CIVIL ENGINEERING CAREER IN GOVERNMENT SECTOR

Municipal Corporations – Jal Boards – Delhi Development Authority – New Delhi Municipal Corporation – Metro Rail – National Highway Authority of India – Indian Oil Corporation– Public Works Department – Central Public Works Department – Border Roads Organization – Military Engineering Services – Airport Authority of India – Indian Air Force – Railways – Irrigation & Flood control department – Public Health Engineering department– National Thermal Power Corporation – Oil and Natural Gas Corporation Limited – Defence Research and Development Organisation– Pollution Control Boards – Building and Construction department of organizations

SECTION: 2 CIVIL ENGINEERING CAREER IN PRIVATE SECTOR

L&T – Tata Projects Limited – Gammon India – Gammon Infrastructure Projects Limited – Omaxe Supertech, Shapoorji & Pallonji Group, GMR Group – Infrastructure Lease & Financial Services – Hindustan Construction Company – Afcons Infrastructure Limited – Gammon India Limited – Reliance Infrastructure – Ashoka Buildcon – B L Kashyap & Sons Ltd – Consolidated Construction Consortium Ltd – Essar Group – IRCON International Ltd – Jaypee Group – Nagarjuna Construction Company Ltd – National Building Construction Corporation Limited – Punj Lloyd.

SECTION: 3 CIVIL ENGINEERING CAREER IN ENTREPRENEURSHIP

Civil contractor – Consultant (Structural/ Geotech) – Project management consultant – Quantity surveyor – Billing consultant – material supplier – Construction material manufacturer – Model maker – Real estate marketing.


CDC In-charge


HOD/CIVIL


PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - JOB OPPORTUNITIES IN CIVIL ENGINEERING

STUDENT NAME LIST

CLASS:III

DURATION: 15 HOURS

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821116103002	AJITH. R	Ajith. R.
2	821116103003	AKILAN.S	Akila S.
3	821116103004	ANUSUYA. D	Anusuya. D.
4	821116103005	APURVA. R	Apurva. R.
5	821116103006	ARUN. A	Arun. A.
6	821116103007	ARUN. A	Arun. A.
7	821116103008	BALAVIGNESHWARAN. B	Balavigneshwaran. B.
8	821116103009	BEGUM MARIAM. M	M. Mariam.
9	821116103010	DHILIPAN. M	M. Dhilipan.
10	821116103012	JAYASEELAN. L	L. Jayaseelan.
11	821116103013	KOWSALYA. K	K. Kowsalya.
12	821116103014	LENIN. N.S	N. Lenin.
13	821116103015	LYDIYA. I	I. Lydiya.
14	821116103016	MADESH. S	S. Madesh.
15	821116103017	MADHURA. K	K. Madhura.
16	821116103018	MAHASRI. R	R. Mahasri.
17	821116103020	MASHILA. S	S. Mashila.
18	821116103021	MECHINARKINIYAN.M	M. Mechinarkiniyan.
19	821116103022	MITHRAN. D	D. Mithran.
20	821116103023	MOHAMMEDAMEERALI. H	H. Mohammedameerali.
21	821116103025	MUGILARASAN. M	M. Mugilarasan.
22	821116103026	MUKILAN. M	M. Mukilan.
23	821116103028	NITHISH KUMAR. M	M. Nithish Kumar.
24	821116103029	PONPRIYANKA. P	P. Ponpriyanka.
25	821116103030	PRATHAP. M	M. Prathap.
26	821116103031	PRAVIN. P	P. Pravin.
27	821116103032	PRIYA. D	D. Priya.
28	821116103033	PRIYANKA. P	P. Priyanka.
29	821116103034	RAMKI. R	R. Ramki.

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
30	821116103036	SALAMAN JOSEPHRAJ. Y	A. M.
31	821116103037	SANTHOSHKUMAR.V	V. Suresh
32	821116103038	SNEKA.S	S. Sankar
33	821116103039	SOWNDHARYA. V	V. Sougha
34	821116103040	SUBASH. S	S. Subash
35	821116103042	SURIYA. S	S. Suriya
36	821116103043	SWATHI.K	K. Swathi
37	821116103044	VEERA KUMAR. S	S. Veer Kumar
38	821116103046	VIGNESHWARAN.R	R. Vigneshwaran
39	821116103047	VIGNESHWARAN. S	S. Vigneshwaran
40	821116103048	VIGNESHWARAN. S	S. Vigneshwaran
41	821116103049	VIJAY. V	V. Vijay
42	821116103050	VINITHA. S	S. Vinitha
43	821116103051	YOGARAJ. V	V. Yogaraj
44	821116103302	AKASH. R	R. Akash
45	821116103304	DHANAPAL. S	S. Dhana Pal
46	821116103306	GUNASSELAN. G	G. Gunaseelan
47	821116103307	KARTHIKEYAN. A	A. Karthikeyan
48	821116103308	KAVIYARASAN. M	M. Kaviyarasan
49	821116103310	MANIKANDAN. D	D. Manikandan
50	821116103312	NANDHINI. T	T. Nandhini
51	821116103313	PRIYA. S	S. Priya
52	821116103314	RAJARAJATHI. U	U. Rajarajathi
53	821116103315	SANTHIYA. V	V. Santhiya
54	821116103502	SARAVANAN. J	J. Saravanan
55	821116103503	KANNAN. S	S. Kannan
56	821116103701	WILSON. P	P. Wilson
57	821116103702	JAMES MAHAJAN.S	S. James Mahajan
58.	821116103703	KANNAN. S	S. Kannan

27/2/18
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS- JOB OPPORTUNITIES IN CIVIL ENGINEERING

ATTENDANCE SHEET

BATCH: 2016-2020

CLASS/SEM: III/V

ROLL NO	REGISTER NO	STUDENT NAME	3/2/18	12/2/18	27/2/18	10/3/18	29/3/18	30/3/18						
1	821116103002	AJITH. R	/	/	/	/	/	A						
2	821116103003	AKILAN.S	/	/	/	/	/	/						
3	821116103004	ANUSUYA. D	/	/	/	/	/	/						
4	821116103005	APURVA. R	A	/	/	/	/	/						
5	821116103006	ARUN. A (06-06-1999)	/	/	/	/	/	/						
6	821116103007	ARUN. A (22-07-1999)	/	/	/	/	/	/						
7	821116103008	BALAVIGNESHWARAN. B	/	/	/	/	/	/						
8	821116103009	BEGUM MARIAM. M	/	/	/	/	/	/						
9	821116103010	DHILIPAN. M	/	/	/	A	/	/						
10	821116103012	JAYASEELAN. L	/	/	/	/	/	/						
11	821116103013	KOWSALYA. K	/	/	/	/	/	/						
12	821116103014	LENIN. N.S	/	/	/	/	/	/						
13	821116103015	LYDIYA. I	/	/	/	/	/	/						
14	821116103016	MADESH. S	/	/	/	/	/	/						
15	821116103017	MADHURA. K	/	/	/	/	/	/						
16	821116103018	MAHASRI. R	/	/	/	/	/	/						
17	821116103020	MASHILA. S	A	/	/	/	/	/						
18	821116103021	MECHINARKINIYAN.M	/	/	/	/	/	/						
19	821116103022	MITHRAN. D	/	/	/	/	/	/						
20	821116103023	MOHAMMEDAMEERALI. H	/	/	/	/	/	/						
21	821116103025	MUGILARASAN. M	/	/	/	/	/	/						
22	821116103026	MUKILAN. M	/	/	/	/	/	/						
23	821116103028	NITHISH KUMAR. M	/	/	/	/	/	A						
24	821116103029	PONPRIYANKA. P	/	/	/	/	/	/						
25	821116103030	PRATHAP. M	/	/	/	/	/	/						
26	821116103031	PRAVIN. P	/	/	/	/	/	/						
27	821116103032	PRIYA. D	/	/	/	/	/	/						
28	821116103033	PRIYANKA. P	A	/	/	/	/	/						
29	821116103034	RAMKI. R	/	/	/	/	/	/						

ROLL NO	REGISTER NO	STUDENT NAME	13.2	13.3	27.2	14.1	22.1	28.2						
30	821116103036	SALAMAN JOSEPHRAJ. Y	/	/	/	/	/	/						
31	821116103037	SANTHOSHKUMAR.V	/	/	/	/	/	/						
32	821116103038	SNEKA.S	/	/	/	/	/	/	a					
33	821116103039	SOWNDHARYA. V	/	a	/	/	/	/						
34	821116103040	SUBASH. S	/	/	/	/	/	/						
35	821116103042	SURIYA. S	/	/	/	/	/	/						
36	821116103043	SWATHI.K	/	/	/	/	/	/						
37	821116103044	VEERA KUMAR. S	/	/	/	/	/	/						
38	821116103046	VIGNESHWARAN.R	/	/	/	/	/	/						
39	821116103047	VIGNESHWARAN. S	/	/	/	/	/	/						
40	821116103048	VIGNESHWARAN. S	/	/	/	/	/	/						
41	821116103049	VIJAY. V	a	/	/	/	/	/						
42	821116103050	VINITHA. S	/	/	/	/	/	/						
43	821116103051	YOGARAJ. V	/	/	/	/	/	/						
44	821116103302	AKASH. R	/	/	/	/	/	/						
45	821116103304	DHANAPAL. S	/	/	/	/	/	/						
46	821116103306	GUNASSELAN. G	/	/	/	/	/	/						
47	821116103307	KARTHIKEYAN. A	/	/	a	/	/	/						
48	821116103308	KAVIYARASAN. M	/	/	/	/	/	/						
49	821116103310	MANIKANDAN. D	/	/	/	/	/	/						
50	821116103312	NANDHINI. T	/	/	/	/	/	/						
51	821116103313	PRIYA. S	/	/	/	/	/	/						
52	821116103314	RAJARAJATHI. U	/	/	/	/	/	/						
53	821116103315	SANTHIYA. V	/	/	/	/	/	/	a					
54	821116103502	SARAVANAN. J	/	/	/	/	/	/						
55	821116103503	KANNAN. S	/	/	/	/	/	/						
56	821116103701	WILSON. P	a	/	/	/	/	/						
57	821116103702	JAMES MAHAJAN.S	/	/	/	/	/	/						
58.	821116103703	KANNAN. S	/	/	/	/	/	/	a					

R. S. S.
EDC-INCHARGE 28/9/18

Shen
28/9/18
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - JOB OPPORTUNITIES IN CIVIL ENGINEERING

MARK STATEMENT

BATCH: 2016-2020

CLASS/SEM: III/V

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821116103002	AJITH. R	31
2	821116103003	AKILAN.S	38
3	821116103004	ANUSUYA. D	18
4	821116103005	APURVA. R	34
5	821116103006	ARUN. A (06-06-1999)	26
6	821116103007	ARUN. A (22-07-1999)	31
7	821116103008	BALAVIGNESHWARAN. B	28
8	821116103009	BEGUM MARIAM. M	34
9	821116103010	DHILIPAN. M	16
10	821116103012	JAYASEELAN. L	45
11	821116103013	KOWSALYA. K	19
12	821116103014	LENIN. N.S	35
13	821116103015	LYDIYA. I	28
14	821116103016	MADESH. S	41
15	821116103017	MADHURA. K	23
16	821116103018	MAHASRI. R	35
17	821116103020	MASHILA. S	31
18	821116103021	MECHINARKINIYAN.M	29
19	821116103022	MITHRAN. D	28
20	821116103023	MOHAMMEDAMEERALI. H	24
21	821116103025	MUGILARASAN. M	18
22	821116103026	MUKILAN. M	19
23	821116103028	NITHISH KUMAR. M	17
24	821116103029	PONPRIYANKA. P	34
25	821116103030	PRATHAP. M	40
26	821116103031	PRAVIN. P	35
27	821116103032	PRIYA. D	39
28	821116103033	PRIYANKA. P	16
29	821116103034	RAMKI. R	18

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
30	821116103036	SALAMAN JOSEPHRAJ. Y	34
31	821116103037	SANTHOSHKUMAR.V	18
32	821116103038	SNEKA.S	31
33	821116103039	SOWNDHARYA. V	29
34	821116103040	SUBASH. S	31
35	821116103042	SURIYA. S	35
36	821116103043	SWATHI.K	46
37	821116103044	VEERA KUMAR. S	32
38	821116103046	VIGNESHWARAN.R	18
39	821116103047	VIGNESHWARAN. S	31
40	821116103048	VIGNESHWARAN. S	26
41	821116103049	VIJAY. V	24
42	821116103050	VINITHA. S	29
43	821116103051	YOGARAJ. V	27
44	821116103302	AKASH. R	16
45	821116103304	DHANAPAL. S	37
46	821116103306	GUNASSELAN. G	38
47	821116103307	KARTHIKEYAN. A	15
48	821116103308	KAVIYARASAN. M	29
49	821116103310	MANIKANDAN. D	24
50	821116103312	NANDHINI. T	13
51	821116103313	PRIYA. S	28
52	821116103314	RAJARAJATHI. U	22
53	821116103315	SANTHIYA. V	36
54	821116103502	SARAVANAN. J	14
55	821116103503	KANNAN. S	30
56	821116103701	WILSON. P	27
57	821116103702	JAMES MAHAJAN.S	29
58.	821116103703	KANNAN. S	18


GDC-INCHARGE 29/9/18


HOD/CIVIL 29/9/18



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



TÜV Rheinland
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ISO 9001

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 / ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS (CDC)-JOB OPPORTUNITIES IN CIVIL ENGINEERING

OUTCOME

- 58 Students of third year from the department of civil engineering have enrolled in "JOB OPPORTUNITIES IN CIVIL ENGINEERING" of competency development class.
- Students got great knowledge of job opportunities in their field.
- Students identified their own strengths and develop areas for growth.
- Students got improvement in their skills.
- Students were gained their growth opportunities in civil engineering.
- Students were able to know the public and private sectors jobs in their field.
- Students were able to know the opportunities in entrepreneurship.
- Students gained great idea about their future career in civil engineering


CDC IN-CHARGE


HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 /ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC)- PREPARATION FOR COMPETITIVE EXAM

CURRICULUM

CDC NAME : Preparation for Competitive Exam
YEAR/SEM : III CIVIL/V
BATCH : 2016-2020
DURATION : 15 Hours
TOTAL NO OF STUDENTS : 58
NAME OF THE RESOURCE PERSON : Mr.S.Kamaraj
ASSESSMENT PROCEDURE : Quiz

SECTION: I COMPETITIVE EXAM

- Engineering Services Examination
- TNPSC
- SAIL – Steel Authority of India Ltd.
- ONGC – Oil and Natural Gas Corporation Ltd.
- NTPC – National Thermal Power Corporation Ltd.
- CIL – Coal India Ltd.
- IOCL – Indian Oil Corporation Ltd.
- BHEL – Bharat Heavy Electronics Ltd.
- GAIL – Natural gas transmission company
- BPCL – Bharat Petroleum Corporation Ltd.

SECTION: 2 OTHERS

- Banking
- Indian railway
- Defense force
- Navy force

SECTION: 3 CIVIL SERVICE EXAMS

- IAS – Indian Administrative Services
- IPS – Indian Police Services
- IRS – Indian Revenue Services
- IFS – Indian Foreign Services


CDC Incharge


HOD/CIVIL 29/8/18


J. Ramakrishna
29/8/2018
PRINCIPAL



KINGS
COLLEGE OF ENGINEERING
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Autonomous Institute of Engineering & Technology



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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - PREPARATION FOR COMPETITIVE EXAMS

STUDENT NAME LIST

CLASS:III

DURATION: 15 HOURS

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821116103002	AJITH. R	Ajith R
2	821116103003	AKILAN.S	Akilan S
3	821116103004	ANUSUYA. D	Anusuya D
4	821116103005	APURVA. R	Apurva R
5	821116103006	ARUN. A	Arun A
6	821116103007	ARUN. A	Arun A
7	821116103008	BALAVIGNESHWARAN. B	Balavigneshwaran B
8	821116103009	BEGUM MARIAM. M	Begum Mariam M
9	821116103010	DHILIPAN. M	Dhilipan M
10	821116103012	JAYASEELAN. L	Jayaseelan L
11	821116103013	KOWSALYA. K	Kowsalya K
12	821116103014	LENIN. N.S	Lenin N.S
13	821116103015	LYDIYA. I	Lydiya I
14	821116103016	MADESH. S	Madesh S
15	821116103017	MADHURA. K	Madhura K
16	821116103018	MAHASRI. R	Mahasri R
17	821116103020	MASHILA. S	Mashila S
18	821116103021	MECHINARKINIYAN.M	Mechinarkiniyan M
19	821116103022	MITHRAN. D	Mithran D
20	821116103023	MOHAMMEDAMEERALI. H	Mohammedameerali H
21	821116103025	MUGILARASAN. M	Mugilarasan M
22	821116103026	MUKILAN. M	Mukilan M
23	821116103028	NITHISH KUMAR. M	Nithish Kumar M
24	821116103029	PONPRIYANKA. P	Ponpriyanka P
25	821116103030	PRATHAP. M	Prathap M
26	821116103031	PRAVIN. P	Pravin P
27	821116103032	PRIYA. D	Priya D
28	821116103033	PRIYANKA. P	Priyanka P
29	821116103034	RAMKI. R	Ramki R

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
30	821116103036	SALAMAN JOSEPHRAJ. Y	<i>[Signature]</i>
31	821116103037	SANTHOSHKUMAR.V	<i>[Signature]</i>
32	821116103038	SNEKA.S	<i>[Signature]</i>
33	821116103039	SOWNDHARYA. V	<i>[Signature]</i>
34	821116103040	SUBASH. S	<i>[Signature]</i>
35	821116103042	SURIYA. S	<i>[Signature]</i>
36	821116103043	SWATHI.K	<i>[Signature]</i>
37	821116103044	VEERA KUMAR. S	<i>[Signature]</i>
38	821116103046	VIGNESHWARAN.R	<i>[Signature]</i>
39	821116103047	VIGNESHWARAN. S	<i>[Signature]</i>
40	821116103048	VIGNESHWARAN. S	<i>[Signature]</i>
41	821116103049	VIJAY. V	<i>[Signature]</i>
42	821116103050	VINITHA. S	<i>[Signature]</i>
43	821116103051	YOGARAJ. V	<i>[Signature]</i>
44	821116103302	AKASH. R	<i>[Signature]</i>
45	821116103304	DHANAPAL. S	<i>[Signature]</i>
46	821116103306	GUNASSELAN. G	<i>[Signature]</i>
47	821116103307	KARTHIKEYAN. A	<i>[Signature]</i>
48	821116103308	KAVIYARASAN. M	<i>[Signature]</i>
49	821116103310	MANIKANDAN. D	<i>[Signature]</i>
50	821116103312	NANDHINI. T	<i>[Signature]</i>
51	821116103313	PRIYA. S	<i>[Signature]</i>
52	821116103314	RAJARAJATHI. U	<i>[Signature]</i>
53	821116103315	SANTHIYA. V	<i>[Signature]</i>
54	821116103502	SARAVANAN. J	<i>[Signature]</i>
55	821116103503	KANNAN. S	<i>[Signature]</i>
56	821116103701	WILSON. P	<i>[Signature]</i>
57	821116103702	JAMES MAHAJAN.S	<i>[Signature]</i>
58.	821116103703	KANNAN. S	<i>[Signature]</i>

[Signature]
29/1/18
HOD/CIVIL

ROLL NO	REGISTER NO	STUDENT NAME	8/24	16/7	23/7	12/8	28/8	27/8		
30	821116103036	SALAMAN JOSEPHRAJ. Y	/	/	/	/	/	/		
31	821116103037	SANTHOSHKUMAR.V	/	/	/	/	/	/		
32	821116103038	SNEKA.S	/	/	/	/	/	/		
33	821116103039	SOWNDHARYA. V	/	/	/	/	/	/		
34	821116103040	SUBASH. S	/	/	/	/	/	/		
35	821116103042	SURIYA. S	/	/	/	/	/	A		
36	821116103043	SWATHI.K	/	/	/	/	/	/		
37	821116103044	VEERA KUMAR. S	/	/	/	/	/	/		
38	821116103046	VIGNESHWARAN.R	/	/	/	/	/	/		
39	821116103047	VIGNESHWARAN. S (25.08.1998)	/	/	/	/	/	/		
40	821116103048	VIGNESHWARAN. S (03.11.1999)	A	/	/	/	/	A		
41	821116103049	VIJAY. V	/	/	/	/	/	/		
42	821116103050	VINITHA. S	/	/	/	/	/	/		
43	821116103051	YOGARAJ. V	/	/	/	/	/	/		
44	821116103302	AKASH. R	/	/	/	/	/	/		
45	821116103304	DHANAPAL. S	/	/	/	/	/	/		
46	821116103306	GUNASSELAN. G	/	/	A	/	/	/		
47	821116103307	KARTHIKEYAN. A	/	/	/	/	/	/		
48	821116103308	KAVIYARASAN. M	/	/	/	/	/	/		
49	821116103310	MANIKANDAN. D	/	/	/	/	/	/		
50	821116103312	NANDHINI. T	/	/	/	/	/	/		
51	821116103313	PRIYA. S	/	/	/	/	/	/		
52	821116103314	RAJARAJATHI. U	/	/	/	A	/	/		
53	821116103315	SANTHIYA. V	/	/	/	/	/	/		
54	821116103502	SARAVANAN. J	/	/	/	/	/	/		
55	821116103503	KANNAN. S	/	/	/	/	/	/		
56	821116103701	WILSON. P	/	/	A	/	/	/		
57	821116103702	JAMES MAHAJAN.S	/	/	/	/	/	/		
58.	821116103703	KANNAN. S	/	/	/	/	/	/		

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 CDC-INCHARGE 27/8/18

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 HOD/CIVIL 27/8/18



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - PREPARATION FOR COMPETITIVE EXAM

MARK STATEMENT

BATCH: 2016-2020

CLASS/SEM: III/V

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821116103002	AJITH. R	41
2	821116103003	AKILAN.S	25
3	821116103004	ANUSUYA. D	26
4	821116103005	APURVA. R	31
5	821116103006	ARUN. A (06-06-1999)	38
6	821116103007	ARUN. A (22-07-1999)	19
7	821116103008	BALAVIGNESHWARAN. B	35
8	821116103009	BEGUM MARIAM. M	18
9	821116103010	DHILIPAN. M	24
10	821116103012	JAYASEELAN. L	21
11	821116103013	KOWSALYA. K	35
12	821116103014	LENIN. N.S	24
13	821116103015	LYDIYA. I	19
14	821116103016	MADESH. S	34
15	821116103017	MADHURA. K	25
16	821116103018	MAHASRI. R	36
17	821116103020	MASHILA. S	37
18	821116103021	MECHINARKINIYAN.M	18
19	821116103022	MITHRAN. D	34
20	821116103023	MOHAMMEDAMEERALI. H	28
21	821116103025	MUGILARASAN. M	40
22	821116103026	MUKILAN. M	31
23	821116103028	NITHISH KUMAR. M	35
24	821116103029	PONPRIYANKA. P	36
25	821116103030	PRATHAP. M	24
26	821116103031	PRAVIN. P	27
27	821116103032	PRIYA. D	28
28	821116103033	PRIYANKA. P	29
29	821116103034	RAMKI. R	15

ROLL NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
30	821116103036	SALAMAN JOSEPHRAJ Y	19
31	821116103037	SANTHOSHKUMAR.V	21
32	821116103038	SNEKAS	23
33	821116103039	SOWNDHARYA.V	25
34	821116103040	SUBASH S	26
35	821116103042	SURIYA S	31
36	821116103043	SWATHI K	35
37	821116103044	VEERA KUMAR.S	34
38	821116103046	VIGNESHWARAN.R	35
39	821116103047	VIGNESHWARAN.S (25.08.1998)	19
40	821116103048	VIGNESHWARAN.S (03.11.1999)	24
41	821116103049	VIJAY.V	28
42	821116103050	VINITHA.S	41
43	821116103051	YOGARAJ.V	29
44	821116103302	AKASH.R	21
45	821116103304	DHANAPAL.S	25
46	821116103306	GUNASSELAN.G	32
47	821116103307	KARTHIKEYAN.A	34
48	821116103308	KAVIYARASAN.M	22
49	821116103310	MANIKANDAN.D	35
50	821116103312	NANDHINI.T	36
51	821116103313	PRIYA.S	34
52	821116103314	RAJARAJATHI.U	25
53	821116103315	SANTHIYA.V	18
54	821116103502	SARAVANAN.J	12
55	821116103503	KANNAN.S	17
56	821116103701	WILSON.P	28
57	821116103702	JAMES MAHAJAN.S	29
58.	821116103703	KANNAN.S	18


 CDC-INCHARGE 28/7/12


 HOD/CIVIL 28/7/12



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 /ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS (CDC)-PREPARATION FOR COMPETITIVE EXAM

OUTCOME

- 58 Students of third year from the department of civil engineering have enrolled in "PREPARATION FOR COMPETITIVE EXAM" of competency development class.
- Students got a great idea of different competitive exams.
- Students identified their own strengths and develop areas for growth.
- Students got improvement and growth opportunities.
- Students were able to solve the Competitive Exam questions according to own interests and talents.
- Students got willingness to attend in different competitive exams.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.
- Students got free from fear on competitive exams.


CDC IN-CHARGE 20/7/18


HOD/CIVIL 20/7/18



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 /ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC)- VALUATION AND APPROVAL PROCESS

CURRICULUM

CDC NAME : Valuation and Approval Process
YEAR/SEM : IV CIVIL/VII
BATCH : 2015-2019
DURATION : 15 Hours
TOTAL NO OF STUDENTS : 109
NAME OF THE RESOURCE PERSON : Mr.M.Mohammed Ilyas
ASSESSMENT PROCEDURE : MCQ type

SECTION: I

- Necessity
- Various types of valuation
- Capitalised value
- Depreciation
- Escalation
- Calculation of Standard rent
- Mortgage – Lease-Valuation of Building- Loss assessment

SECTION: 2

- Approved architectural and structural drawings, NEMA certificate
- Bill of quantities
- Client and contractor signed contract documents.
- Contractor's registration certificate.
- Quantity surveyor's practicing certificate.


CDC In-charge


HOD/CIVIL


PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - VALUATION AND APPROVAL PROCESS

CLASS:IV 'A'

DURATION: 15 HOURS

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103001	K.ABARNA	<i>Arabi</i>
2	821115103003	A.AISWARYA	<i>A.Aisw</i>
3	821115103004	U.AJAY KRISHNA	<i>U.Ajay</i>
4	821115103005	S.AJITH	<i>Ajay</i>
5	821115103007	M.AJITH KUMAR	<i>M.Ajay</i>
6	821115103008	J.AKILAN	<i>J.Akila</i>
7	821115103009	S.AMAR SELVAN	<i>S.Amar</i>
8	821115103010	V.ANU RUTHRA	<i>V.Ashu</i>
9	821115103011	A.ANUSHIYA	<i>A.Anu</i>
10	821115103012	T.ANUSREE	<i>T.Anusree</i>
11	821115103013	A.ARAVINDHAN	<i>A.Aru</i>
12	821115103014	S.AROCKIA SUSAIRAJ	<i>S.Arockia</i>
13	821115103015	A.ARTHI	<i>A.Arthi</i>
14	821115103016	R.ARUN	<i>R.Arun</i>
15	821115103017	G.ARUN KUMAR	<i>G.Arun</i>
16	821115103018	S.T.ASHWIN	<i>S.T.Ashwin</i>
17	821115103019	R.ASWINI	<i>R.Aswini</i>
18	821115103020	ATCHAYA.A	<i>A.Achaya</i>
19	821115103021	K.BALACHANDAR	<i>K.Balacha</i>
20	821115103022	S.BALAMURUGAN	<i>S.Balamu</i>
21	821115103023	A.G.BALASUBRAMANIAM	<i>A.G.Bala</i>
22	821115103024	P.BARGUNAESHWARAN	<i>P.Barguna</i>
23	821115103025	R.BHUVANESHWARI	<i>R.Bhuvan</i>
24	821115103026	A.DHANALAKSHMI	<i>A.Dhanal</i>
25	821115103027	D.DHIVYAPRIYA	<i>D.Dhivyapriya</i>
26	821115103028	B.R.EZHILMANICKAM	<i>B.R.Ezhi</i>
27	821115103029	R.EZHILRAJ	<i>R.Ezhilraj</i>
28	821115103030	GANESH ADHITHYA.K	<i>Ganesh</i>

29	821115103031	D.GIRIPRASATH	<i>D.G.</i>
30	821115103032	M.GOPINATH	<i>M.G.</i>
31	821115103034	T.S.GOWTHAM	<i>T.S.</i>
32	821115103035	J.HARI HARAN	<i>J. Haran</i>
33	821115103036	M.R.HUMAIRA JASIM	<i>M.R.H.</i>
34	821115103037	E.ISHWARIYA	<i>E. Ishwariya</i>
35	821115103038	C.ISWARYA	<i>C. Iswarya</i>
36	821115103039	S.JAMES MAHAJAN	<i>S. James</i>
37	821115103040	M.JANSIRANI	<i>M.J.</i>
38	821115103041	C.JAYALAKSHMI	<i>C. Jayalaxmi</i>
39	821115103042	R.JAYA PRAKASH	<i>R. Jayaprakash</i>
40	821115103043	G.JOHN	<i>G. John</i>
41	821115103044	K.KALAI SURYA	<i>K. Kalai Surya</i>
42	821115103045	P.KALITHASAN	<i>P. Kalithasan</i>
43	821115103046	T.KAMALA KEERTHANA	<i>T. Kamala Keertana</i>
44	821115103048	R.KARTHI	<i>R. Karthi</i>
45	821115103049	M.KRISHNA DASAN	<i>M. Krishna Dasan</i>
46	821115103050	B.MADHUMATHI	<i>B. Madhumathi</i>
47	821115103051	D.MANIKANDAN	<i>D. Manikandan</i>
48	821115103052	T.MOHAMED HALITH	<i>T. Mohamed Halith</i>
49	821115103053	R.MOHAMED HUSSAIN	<i>R. Mohamed Hussain</i>
50	821115103054	H.MOHAMED IRFHON	<i>H. Mohamed Irphon</i>
51	821115103057	M.MUTHUKRISHNAN	<i>M. Muthukrishnan</i>
52	821115103059	A.NEKA	<i>A. Neka</i>
53	821115103060	C.NIKITHA	<i>C. Nikitha</i>
54	821115103301	JAYABHARATHI.R	<i>J. Jayabharathi</i>
55	821115103313	VIGNESH.D	<i>Vignesh.D</i>

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20/5/18
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

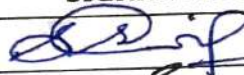

COMPETENCY DEVELOPMENT CLASS - VALUATION AND APPROVAL PROCESS

STUDENTS NAME LIST

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103061	NIRMAL GEEDS.P	D. Nirmal
2	821115103062	NITHYA.C.G	Nithya
3	821115103063	PARAMESHWARAN.D	D. Parameshwaran
4	821115103064	PAVITHRA.K	K. Pavithra
5	821115103066	PRASANNA.G	G. Prasanna
6	821115103067	PRASATH.N	N. Prasath
7	821115103070	PRIYA.L	L. Priya
8	821115103071	RAGUNATH.R	R. Ragunath
9	821115103072	RAGUPATHI.M	M. Ragupathi
10	821115103073	RAM KUMAR.M	M. Ram Kumar
11	821115103074	RAMYA PRIYA.G	G. Ramya Priya
12	821115103075	RANJITH.R	R. Ranjith
13	821115103077	RANJITHA.K	K. Ranjitha
14	821115103078	RASIKA.K	K. Rasika
15	821115103079	RAVIKUMAR.S	S. Ravikumar
16	821115103080	SAHANA.P	P. Sahana
17	821115103081	SAMBASIVAM.S	S. Sambasivam
18	821115103082	SANTHOSH.M.C	C. Santhosh
19	821115103083	SANTHOSH KUMAR.S	S. Santhosh Kumar
20	821115103084	SARATHKUMAR.R	R. Sarath Kumar
21	821115103085	SARAVANAN.G	G. Saravanan
22	821115103087	SARAVANAN.T	T. Saravanan
23	821115103088	SATHIYA.K	K. Sathiya
24	821115103089	SATHIYA PRIYA.V	V. Sathiya Priya
25	821115103090	SATHIYARAJ.R	R. Sathiyaraj
26	821115103091	SATHIYASEELAN.G	G. Sathiyaseelan
27	821115103092	SHALINI DEVI.P	P. Shalini Devi

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
28	821115103093	SHANTHINI.A	 M. Sanjiv.
29	821115103094	SIRAJUL FIRTHOUSI.M	M. Sanjiv.
30	821115103095	SUGAPRIYA.B	 B. Sanjiv.
31	821115103096	SURUTHI.R	R. Sanjiv.
32	821115103097	SURYA KUMAR.K	R. Sanjiv.
33	821115103098	SUVETHA.P.S	P.S. Sanjiv.
34	821115103099	TAMIL ELAKKIYA.R	T. Sanjiv.
35	821115103100	TAMILKAVI.K	V. Sanjiv.
36	821115103101	TAMIL MANI.K	T. Sanjiv.
37	821115103102	VASANTH.S	V. Sanjiv.
38	821115103103	VASANTHAKUMAR.V	V. Sanjiv.
39	821115103105	VENKATESAN.M	V. Sanjiv.
40	821115103106	VENKATESHWARAN.M	M. Sanjiv.
41	821115103107	VIDHIYASAGAR.B	B. Sanjiv.
42	821115103108	VIGNESH.M	M. Sanjiv.
43	821115103109	VIGNESHKUMAR.R	R. Sanjiv.
44	821115103110	VINOLIYA.P	P. Sanjiv.
45	821115103111	VINOTH.V	V. Sanjiv.
46	821115103112	VINOTHA.S	S. Sanjiv.
47	821115103113	VINOTH KUMAR.K	K. Sanjiv.
48	821115103114	VISHVARAJ.E	E. Sanjiv.
49	821115103306	PARAMESWARIS	S. Sanjiv.
50	821115103312	THARMALINGAM.N	N. Sanjiv.
51	821115103314	VIGNESH.V	V. Sanjiv.
52	821115103701	HASSAN.S	S. Sanjiv.
53	821115103702	SRINI PRIYAN.M	M. Sanjiv.
54	821115103029	EZHILRAJ.R	R. Sanjiv.


CDC-INCHARGE


29/10/18
HOD/CIVIL



ROLL.NO	REGISTER NO	STUDENT NAME	16-7/14	17-7/14	24-7/14	31-8/14	24-8/14	31-8/14		
33	821115103036	M.R.HUMAIRA JASIM	/	/	/	/	/	/		
34	821115103037	E.ISHWARIYA	/	/	/	/	/	/		
35	821115103038	C.ISWARYA	/	/	/	/	/	/		
36	821115103039	S.JAMES MAHAJAN	ab	/	/	/	/	/		
37	821115103040	M.JANSIRANI	/	/	/	/	/	/		
38	821115103041	C.JAYALAKSHMI	/	/	/	/	/	/		
39	821115103042	R.JAYA PRAKASH	/	/	/	/	/	/		
40	821115103043	G.JOHN	/	/	/	/	/	/		
41	821115103044	K.KALAI SURYA	/	/	/	/	/	/		
42	821115103045	P.KALITHASAN	/	/	/	ab	/	/		
43	821115103046	T.KAMALA KEERTHANA	/	/	/	/	/	/		
44	821115103048	R.KARTHI	/	/	/	/	/	/		
45	821115103049	M.KRISHNA DASAN	/	/	/	/	/	/		
46	821115103050	B.MADHUMATHI	/	/	/	/	/	ab		
47	821115103051	D.MANIKANDAN	/	/	/	/	/	/		
48	821115103052	T.MOHAMED HALITH	/	/	/	/	/	/		
49	821115103053	R.MOHAMED HUSSAIN	/	/	/	/	/	/		
50	821115103054	H.MOHAMED IRFHON	/	/	/	/	/	/		
51	821115103305	MUTHUKUMARAN.S	/	/	/	/	/	/		
52	821115103308	RAGUL.V	/	/	/	/	/	/		
53	821115103309	SAMEERUDEEN.S	/	/	/	/	/	/		
54	821115103311	SIVARANJANI.S	/	/	/	/	ab	/		
55	821115103313	VIGNESH.D	/	/	/	/	/	/		

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28/8/14
CDC-INCHARGE

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28/8/14
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - VALUATION AND APPROVAL PROCESS

ATTENDANCE SHEET

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	10/11/18	12/11/18	14/11/18	16/11/18	18/11/18	20/11/18	22/11/18	24/11/18	26/11/18	28/11/18	30/11/18
1	821115103061	NIRMAL GEEDS.P	/	/	/	/	/	/	/	/	/	/	/
2	821115103062	NITHYA.C.G	/	/	/	/	/	/	/	/	/	/	/
3	821115103063	PARAMESHWARAN.D	/	/	AB	/	/	/	/	/	/	/	/
4	821115103064	PAVITHRA.K	/	/	/	/	/	/	/	/	/	/	/
5	821115103066	PRASANNA.G	/	/	/	/	/	/	/	/	/	/	/
6	821115103067	PRASATH.N	/	/	/	/	/	/	/	/	/	/	/
7	821115103070	PRIYA.L	/	/	/	/	/	/	/	/	/	/	/
8	821115103071	RAGUNATH.R	AB	/	/	/	/	/	/	/	/	/	/
9	821115103072	RAGUPATHI.M	/	/	/	/	/	/	/	/	/	/	/
10	821115103073	RAM KUMAR.M	/	/	/	/	/	/	/	/	/	/	/
11	821115103074	RAMYA PRIYA.G	/	/	/	/	/	/	/	/	/	/	/
12	821115103075	RANJITH.R	/	/	/	/	/	/	/	/	/	/	/
13	821115103077	RANJITHA.K	/	/	/	/	/	/	/	/	/	/	/
14	821115103078	RASIKA.K	/	/	/	/	/	/	/	/	/	/	/
15	821115103079	RAVIKUMAR.S	/	/	/	AB	/	/	/	/	/	/	/
16	821115103080	SAHANA.P	/	/	/	/	/	/	/	/	/	/	/
17	821115103081	SAMBASIVAM.S	/	/	/	/	/	/	/	/	/	/	/
18	821115103082	SANTHOSH.M.C	/	/	/	/	/	/	/	/	/	/	/
19	821115103083	SANTHOSH KUMAR.S	/	/	/	/	/	/	/	/	/	/	/
20	821115103084	SARATHKUMAR.R	/	/	/	/	/	/	/	/	/	/	/
21	821115103085	SARAVANAN.G	/	/	/	/	AB	/	/	/	/	/	/
22	821115103087	SARAVANAN.T	/	/	/	/	/	/	/	/	/	/	/
23	821115103088	SATHIYA.K	/	/	/	/	/	/	/	/	/	/	/
24	821115103089	SATHIYA PRIYA.V	/	/	/	/	/	/	/	/	/	/	/
25	821115103090	SATHIYARAJ.R	/	/	/	/	/	/	/	/	/	/	/
26	821115103091	SATHIYASEELAN.G	/	/	/	/	/	/	/	/	/	/	/
27	821115103092	SHALINI DEVI.P	/	/	/	/	/	/	/	AB	/	/	/

ROLL.NO	REGISTER NO	STUDENT NAME	6-7	7-7	24-7	4-8	24-8	28-10		
28	821115103093	SHANTHINI.A	/	/	/	/	/	/		
29	821115103094	SIRAJUL FIRTHOUSI.M	/	/	/	/	/	AB		
30	821115103095	SUGAPRIYA.B	/	/	/	/	/	/		
31	821115103096	SURUTHI.R	/	/	/	/	/	/		
32	821115103097	SURYA KUMAR.K	/	/	/	/	/	/		
33	821115103098	SUVETHA.P.S	/	/	/	/	/	/		
34	821115103099	TAMIL ELAKKIYA.R	/	/	/	/	/	/		
35	821115103100	TAMILKAVI.K	/	/	/	/	/	/		
36	821115103101	TAMIL MANI.K	/	/	/	/	/	/		
37	821115103102	VASANTH.S	/	/	AB	/	/	/		
38	821115103103	VASANTHAKUMAR.V	/	/	/	/	/	/		
39	821115103105	VENKATESAN.M	/	/	/	/	/	/		
40	821115103106	VENKATESHWARAN.M	/	/	/	/	/	/		
41	821115103107	VIDHIYASAGAR.B	/	/	/	/	/	/		
42	821115103108	VIGNESH.M	/	/	/	/	/	/		
43	821115103109	VIGNESHKUMAR.R	/	/	/	/	/	/		
44	821115103110	VINOLIYA.P	/	/	/	/	/	/		
45	821115103111	VINOTH.V	/	/	/	/	/	/		
46	821115103112	VINOTHA.S	/	/	/	/	/	/		
47	821115103113	VINOTH KUMAR.K	/	/	/	/	/	/		
48	821115103114	VISHVARAJ.E	/	/	/	/	/	/		
49	821115103306	PARAMESWARIS	/	/	/	/	/	/		
50	821115103312	THARMALINGAM.N	/	/	/	/	/	/		
51	821115103314	VIGNESH.V	AB	/	/	/	/	/		
52	821115103701	HASSAN.S	/	/	/	/	/	/		
53	821115103702	SRINI PRIYAN.M	/	/	/	/	/	/		
54	821115103029	EZHILRAJ.R	/	/	/	/	/	/		


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - VALUATION AND APPROVAL PROCESS

MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'A'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103001	K.ABARNA	33
2	821115103003	A.AISWARYA	25
3	821115103004	U.AJAY KRISHNA	24
4	821115103005	S.AJITH	18
5	821115103007	M.AJITH KUMAR	19
6	821115103008	J.AKILAN	7
7	821115103009	S.AMAR SELVAN	25
8	821115103010	V.ANU RUTHRA	34
9	821115103011	A.ANUSHIYA	16
10	821115103012	T.ANUSREE	34
11	821115103013	A.ARAVINDHAN	28
12	821115103014	S.AROCKIA SUSAIRAJ	22
13	821115103015	A.ARTHI	30
14	821115103016	R.ARUN	35
15	821115103017	G.ARUN KUMAR	29
16	821115103018	S.T.ASHWIN	21
17	821115103019	R.ASWINI	13
18	821115103020	ATCHAYA.A	14
19	821115103021	K.BALACHANDAR	38
20	821115103022	S.BALAMURUGAN	19
21	821115103023	A.G.BALASUBRAMANIAM	10
22	821115103024	P.BARGUNAESHWARAN	28
23	821115103025	R.BHUVANESHWARI	43
24	821115103026	A.DHANALAKSHMI	27
25	821115103027	D.DHIVYAPRIYA	42
26	821115103028	B.R.EZHILMANICKAM	38
27	821115103029	R.EZHILRAJ	16
28	821115103030	GANESH ADHITHYA.K	24
29	821115103031	D.GIRIPRASATH	19
30	821115103032	M.GOPINATH	16
31	821115103034	T.S.GOWTHAM	12
32	821115103035	J.HARI HARAN	31

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
33	821115103036	M.R.HUMAIRA JASIM	33
34	821115103037	E.ISHWARIYA	24
35	821115103038	C.ISWARYA	19
36	821115103039	S.JAMES MAHAJAN	16
37	821115103040	M.JANSIRANI	25
38	821115103041	C.JAYALAKSHMI	34
39	821115103042	R.JAYA PRAKASH	38
40	821115103043	G.JOHN	16
41	821115103044	K.KALAI SURYA	38
42	821115103045	P.KALITHASAN	40
43	821115103046	T.KAMALA KEERTHANA	25
44	821115103048	R.KARTHI	18
45	821115103049	M.KRISHNA DASAN	37
46	821115103050	B.MADHUMATHI	29
47	821115103051	D.MANIKANDAN	31
48	821115103052	T.MOHAMED HALITH	22
49	821115103053	R.MOHAMED HUSSAIN	35
50	821115103054	H.MOHAMED IRFHON	34
51	821115103305	MUTHUKUMARAN.S	18
52	821115103308	RAGUL.V	28
53	821115103309	SAMEERUDEEN.S	34
54	821115103311	SIVARANJANI.S	36
55	821115103313	VIGNESH.D	34

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - VALUATION AND APPROVAL PROCESS

STUDENTS MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103061	NIRMAL GEEDS.P	17
2	821115103062	NITHYA.C.G	25
3	821115103063	PARAMESHWARAN.D	29
4	821115103064	PAVITHRA.K	24
5	821115103066	PRASANNA.G	31
6	821115103067	PRASATH.N	38
7	821115103070	PRIYA.L	42
8	821115103071	RAGUNATH.R	38
9	821115103072	RAGUPATHI.M	24
10	821115103073	RAM KUMAR.M	19
11	821115103074	RAMYA PRIYA.G	18
12	821115103075	RANJITH.R	34
13	821115103077	RANJITHA.K	17
14	821115103078	RASIKA.K	28
15	821115103079	RAVIKUMAR.S	24
16	821115103080	SAHANA.P	29
17	821115103081	SAMBASIVAM.S	24
18	821115103082	SANTHOSH.M.C	31
19	821115103083	SANTHOSH KUMAR.S	36
20	821115103084	SARATHKUMAR.R	34
21	821115103085	SARAVANAN.G	25
22	821115103087	SARAVANAN.T	18
23	821115103088	SATHIYA.K	11
24	821115103089	SATHIYA PRIYA.V	25
25	821115103090	SATHIYARAJ.R	34
26	821115103091	SATHIYASEELAN.G	33
27	821115103092	SHALINI DEVI.P	9

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
28	821115103093	SHANTHINI.A	31
29	821115103094	SIRAJUL FIRTHOUSI.M	20
30	821115103095	SUGAPRIYA.B	18
31	821115103096	SURUTHI.R	19
32	821115103097	SURYA KUMAR.K	24
33	821115103098	SUVETHA.P.S	35
34	821115103099	TAMIL ELAKKIYA.R	1
35	821115103100	TAMILKAVI.K	27
36	821115103101	TAMIL MANI.K	28
37	821115103102	VASANTH.S	15
38	821115103103	VASANTHAKUMAR.V	31
39	821115103105	VENKATESAN.M	38
40	821115103106	VENKATESHWARAN.M	27
41	821115103107	VIDHIYASAGAR.B	19
42	821115103108	VIGNESH.M	34
43	821115103109	VIGNESHKUMAR.R	28
44	821115103110	VINOLIYA.P	42
45	821115103111	VINOTH.V	11
46	821115103112	VINOTHA.S	37
47	821115103113	VINOTH KUMAR.K	28
48	821115103114	VISHVARAJ.E	25
49	821115103306	PARAMESWARIS	36
50	821115103312	THARMALINGAM.N	28
51	821115103314	VIGNESH.V	17
52	821115103701	HASSAN.S	19
53	821115103702	SRINI PRIYAN.M	21
54	821115103029	EZHILRAJ.R	23

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 / ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS (CDC) – VALUATION AND APPROVAL PROCESS

OUTCOME

- Out of 120 students, 109 Students have enrolled in “VALUATION AND APPROVAL PROCESS” of competency development class.
- Students got a great idea in valuation of building.
- Students identified their own strengths and develop areas for growth.
- Students got improvement and growth opportunities.
- Students were able to evaluate the building structure by their own.
- Students were able to estimate the fair price or value of property.
- Students got knowledge of getting approval for the building.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 /ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC)-BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

CURRICULUM

CDC NAME : Basic Technical Concepts of Civil Engineering
YEAR/SEM : IV/VII
BATCH : 2015-2019
DURATION : 15 Hours
TOTAL NO OF STUDENTS : 109
NAME OF THE RESOURCE PERSON : Mr.K.Arun
ASSESSMENT PROCEDURE : MCQ

CHAPTER - 1 CHAIN SURVEYING

- Surveying instruments; chains, tapes, steel bands, their types & uses.

CHAPTER - 2 COMPASS SURVEYING

- Ranging & Chaining of Survey lines. Field work & Plotting of Chain survey

CHAPTER - 3 PLANE TABLE SURVEYING

- Prismatic Compass & Surveyor compass
- Uses, Bearings, Local attraction, Fieldwork & Plotting.

CHAPTER - 3 LEVELLING

- Types of levels and their temporary and permanent adjustments.
- Methods of levelling. Reduction of levels, Precise levelling and Trigonometric Leveling

CHAPTER - 4 THEODOLITE

- Types and uses of theodolites.
- Temporary and permanent adjustments.
- Measurement of horizontal and vertical angles.

CHAPTER - 4 TRAVERSING

- Traversing with prismatic compass, theodolite and plane table, computations and adjustments of traverse, transformation of Co-ordinates

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - BASIC TECHNICAL CONCEPT OF CIVIL ENGINEERING

CLASS:IV 'A'

DURATION: 15 HOURS

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103001	K.ABARNA	<i>Drabi</i>
2	821115103003	A.AISWARYA	<i>A. Aishwarya</i>
3	821115103004	U.AJAY KRISHNA	<i>U. Ajay Krishna</i>
4	821115103005	S.AJITH	<i>S. Ajith</i>
5	821115103007	M.AJITH KUMAR	<i>M. Ajith Kumar</i>
6	821115103008	J.AKILAN	<i>J. Akilan</i>
7	821115103009	S.AMAR SELVAN	<i>S. Amaran Selvan</i>
8	821115103010	V.ANU RUTHRA	<i>V. Anuruthra</i>
9	821115103011	A.ANUSHIYA	<i>A. Anushiya</i>
10	821115103012	T.ANUSREE	<i>T. Anusree</i>
11	821115103013	A.ARAVINDHAN	<i>A. Aravindhan</i>
12	821115103014	S.AROCKIA SUSAIRAJ	<i>S. ArOCKIA Susairaj</i>
13	821115103015	A.ARTHI	<i>A. Arthi</i>
14	821115103016	R.ARUN	<i>R. Arun</i>
15	821115103017	G.ARUN KUMAR	<i>G. Arun Kumar</i>
16	821115103018	S.T.ASHWIN	<i>S. T. Ashwin</i>
17	821115103019	R.ASWINI	<i>R. Aswini</i>
18	821115103020	ATCHAYA.A	<i>A. Achaya</i>
19	821115103021	K.BALACHANDAR	<i>K. Balachandar</i>
20	821115103022	S.BALAMURUGAN	<i>S. Balamurugan</i>
21	821115103023	A.G.BALASUBRAMANIAM	<i>A. G. Balasubramaniam</i>
22	821115103024	P.BARGUNAESHWARAN	<i>P. Bargunaeshwaran</i>
23	821115103025	R.BHUVANESHWARI	<i>R. Bhuvaneshwari</i>
24	821115103026	A.DHANALAKSHMI	<i>A. Dhana Lakshmi</i>
25	821115103027	D.DHIVYAPRIYA	<i>D. Divya Priya</i>
26	821115103028	B.REZHILMANICKAM	<i>B. R. Ezhilmanickam</i>
27	821115103029	R.EZHILRAJ	<i>R. Ezhilraj</i>
28	821115103030	GANESH ADHITHYA.K	<i>G. Ganesh Adhithya K</i>
29	821115103031	D.GIRIPRASATH	<i>D. Giriprasath</i>

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
30	821115103032	M.GOPINATH	<i>[Signature]</i>
31	821115103034	T.S.GOWTHAM	<i>[Signature]</i>
32	821115103035	J.HARI HARAN	<i>[Signature]</i>
33	821115103036	M.R.HUMAIRA JASIM	<i>[Signature]</i>
34	821115103037	E.ISHWARIYA	<i>[Signature]</i>
35	821115103038	C.ISWARYA	<i>[Signature]</i>
36	821115103039	S.JAMES MAHAJAN	<i>[Signature]</i>
37	821115103040	M.JANSIRANI	<i>[Signature]</i>
38	821115103041	C.JAYALAKSHMI	<i>[Signature]</i>
39	821115103042	R.JAYA PRAKASH	<i>[Signature]</i>
40	821115103043	G.JOHN	<i>[Signature]</i>
41	821115103044	K.KALAI SURYA	<i>[Signature]</i>
42	821115103045	P.KALITHASAN	<i>[Signature]</i>
43	821115103046	T.KAMALA KEERTHANA	<i>[Signature]</i>
44	821115103048	R.KARTHI	<i>[Signature]</i>
45	821115103049	M.KRISHNA DASAN	<i>[Signature]</i>
46	821115103050	B.MADHUMATHI	<i>[Signature]</i>
47	821115103051	D.MANIKANDAN	<i>[Signature]</i>
48	821115103052	T.MOHAMED HALITH	<i>[Signature]</i>
49	821115103053	R.MOHAMED HUSSAIN	<i>[Signature]</i>
50	821115103054	H.MOHAMED IRFHON	<i>[Signature]</i>
51	821115103057	M.MUTHUKRISHNAN	<i>[Signature]</i>
52	821115103059	A.NEKA	<i>[Signature]</i>
53	821115103060	C.NIKITHA	<i>[Signature]</i>
54	821115103301	JAYABHARATHI.R	<i>[Signature]</i>
55	821115103313	VIGNESH.D	<i>[Signature]</i>

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

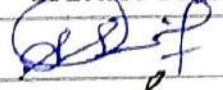
COMPETENCY DEVELOPMENT CLASS - BASIC TECHNICAL CONCEPTS IN CIVIL ENGINEERING

STUDENTS NAME LIST

CLASS:IV 'B'

DURATION: 15 HOURS

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103061	NIRMAL GEEDS.P	P. Nirmal
2	821115103062	NITHYA.C.G	C. Nithya
3	821115103063	PARAMESHWARAN.D	D. Parameshwaran
4	821115103064	PAVITHRA.K	K. Pavithra
5	821115103066	PRASANNA.G	G. Prasanna
6	821115103067	PRASATH.N	N. Prasath
7	821115103070	PRIYA.L	L. Priya
8	821115103071	RAGUNATH.R	R. Ragunath
9	821115103072	RAGUPATHI.M	M. Ragupathi
10	821115103073	RAM KUMAR.M	M. Ram Kumar
11	821115103074	RAMYA PRIYA.G	G. Ramya Priya
12	821115103075	RANJITH.R	R. Ranjith
13	821115103077	RANJITHA.K	K. Ranjitha
14	821115103078	RASIKA.K	K. Rasika
15	821115103079	RAVIKUMAR.S	S. Ravikumar
16	821115103080	SAHANA.P	P. Sahana
17	821115103081	SAMBASIVAM.S	S. Sambasivam
18	821115103082	SANTHOSH.M.C	C. Santhosh
19	821115103083	SANTHOSH KUMAR.S	S. Santhosh Kumar
20	821115103084	SARATHKUMAR.R	R. Sarath Kumar
21	821115103085	SARAVANAN.G	G. Saravanan
22	821115103087	SARAVANAN.T	T. Saravanan
23	821115103088	SATHIYA.K	K. Sathiya
24	821115103089	SATHIYA PRIYA.V	V. Sathiya Priya
25	821115103090	SATHIYARAJ.R	R. Sathiyaraj
26	821115103091	SATHIYASEELAN.G	G. Sathiyaseelan
27	821115103092	SHALINI DEVI.P	P. Shalini Devi

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
28	821115103093	SHANTHINLA	
29	821115103094	SIRAJUL FIRTHOUSLM	M. Senthil
30	821115103095	SUGAPRIYA.B	B. Siff.
31	821115103096	SURUTHI.R	R. Siff.
32	821115103097	SURYA KUMAR.K	R. Senthil
33	821115103098	SUVETHA.P.S	P.S. Siff.
34	821115103099	TAMIL ELAKKIYA.R	T. Siff.
35	821115103100	TAMILKAVI.K	V. Siff.
36	821115103101	TAMIL MANI.K	K. Siff.
37	821115103102	VASANTH.S	V. Siff.
38	821115103103	VASANTHAKUMAR.V	V. Siff.
39	821115103105	VENKATESAN.M	V. Siff.
40	821115103106	VENKATESHWARAN.M	M. Siff.
41	821115103107	VIDHIYASAGAR.B	B. Siff.
42	821115103108	VIGNESH.M	M. Siff.
43	821115103109	VIGNESHKUMAR.R	R. Siff.
44	821115103110	VINOLIYA.P	P. Siff.
45	821115103111	VINOTH.V	V. Siff.
46	821115103112	VINOTHA.S	S. Siff.
47	821115103113	VINOTH KUMAR.K	K. Siff.
48	821115103114	VISHVARAJE	F. Siff.
49	821115103306	PARAMESWARI.S	S. Siff.
50	821115103312	THARMALINGAM.N	N. Siff.
51	821115103314	VIGNESH.V	V. Siff.
52	821115103701	HASSAN.S	S. Siff.
53	821115103702	SRINI PRIYAN.M	M. Siff.
54	821115103029	EZHILRAJ.R	R. Siff.


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ROLL.NO	REGISTER NO	STUDENT NAME	10-7-18	12-7-18	14-7-18	24-7-18	28-7-18	29-7-18		
33	821115103036	M.R.HUMAIRA JASIM	/	/	/	/	/	/		
34	821115103037	E.ISHWARIYA	/	/	/	/	/	/		
35	821115103038	C.ISWARYA	/	/	/	/	/	AB		
36	821115103039	S.JAMES MAHAJAN	/	/	/	/	/	/		
37	821115103040	M.JANSIRANI	/	/	/	/	/	/		
38	821115103041	C.JAYALAKSHMI	/	/	/	/	/	/		
39	821115103042	R.JAYA PRAKASH	/	/	/	/	/	/		
40	821115103043	G.JOHN	/	/	/	/	/	/		
41	821115103044	K.KALAI SURYA	AB	/	/	/	/	/		
42	821115103045	P.KALITHASAN	/	/	/	/	/	/		
43	821115103046	T.KAMALA KEERTHANA	/	/	/	/	/	/		
44	821115103048	R.KARTHI	/	/	/	/	/	/		
45	821115103049	M.KRISHNA DASAN	/	/	/	/	/	/		
46	821115103050	B.MADHUMATHI	/	/	/	/	/	/		
47	821115103051	D.MANIKANDAN	/	/	/	AB	/	/		
48	821115103052	T.MOHAMED HALITH	/	/	/	/	/	/		
49	821115103053	R.MOHAMED HUSSAIN	/	/	/	/	/	/		
50	821115103054	H.MOHAMED IRFHON	/	/	/	/	/	/		
51	821115103305	MUTHUKUMARAN.S	/	/	/	/	/	/		
52	821115103308	RAGUL.V	/	/	/	/	/	/		
53	821115103309	SAMEERUDEEN.S	/	/	/	/	/	/		
54	821115103311	SIVARANJANI.S	/	/	/	/	/	/		
55	821115103313	VIGNESH.D	/	/	/	/	/	/		


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 HOD/CIVIL 29/8/18

ROLL.NO	REGISTER NO	STUDENT NAME	H-T	U-T	PS-7	KE-P	PS-4	CS-P		
28	821115103093	SHANTHINI.A	/	/	/	/	/	/		
29	821115103094	SIRAJUL FIRTHOUSI.M	/	/	/	/	/	/		
30	821115103095	SUGAPRIYA.B	/	/	9	/	/	/		
31	821115103096	SURUTHI.R	/	/	/	/	/	/		
32	821115103097	SURYA KUMAR.K	/	/	/	/	/	/		
33	821115103098	SUVETHA.P.S	/	/	/	/	/	/		
34	821115103099	TAMIL ELAKKIYA.R	/	/	/	/	/	/		
35	821115103100	TAMILKAVI.K	/	/	/	/	/	/		
36	821115103101	TAMIL MANI.K	/	/	9	/	/	/		
37	821115103102	VASANTH.S	/	/	/	/	/	/		
38	821115103103	VASANTHAKUMAR.V	/	/	/	/	/	/		
39	821115103105	VENKATESAN.M	/	/	/	/	/	/		
40	821115103106	VENKATESHWARAN.M	/	/	/	/	/	/		
41	821115103107	VIDHIYASAGAR.B	9	/	/	/	/	/		
42	821115103108	VIGNESH.M	/	/	/	/	/	/		
43	821115103109	VIGNESHKUMAR.R	/	/	/	/	/	/		
44	821115103110	VINOLIYA.P	/	/	/	/	/	/		
45	821115103111	VINOTH.V	/	/	/	/	/	/		
46	821115103112	VINOTHA.S	/	/	/	/	/	/		
47	821115103113	VINOTH KUMAR.K	/	/	/	/	9	/		
48	821115103114	VISHVARAJ.E	/	/	/	/	/	/		
49	821115103306	PARAMESWARIS	/	/	/	/	/	/		
50	821115103312	THARMALINGAM.N	/	/	/	/	/	/		
51	821115103314	VIGNESH.V	/	/	/	/	/	/		
52	821115103701	HASSAN.S	/	/	/	/	/	/		
53	821115103702	SRINI PRIYAN.M	9	/	/	/	/	/		
54	821115103029	EZHILRAJ.R	/	/	/	/	/	/		


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COLLEGE OF ENGINEERING
(N.L.C. Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



ISO 9001

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'A'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103001	K.ABARNA	15
2	821115103003	A.AISWARYA	20
3	821115103004	U.AJAY KRISHNA	19
4	821115103005	S.AJITH	30
5	821115103007	M.AJITH KUMAR	35
6	821115103008	J.AKILAN	28
7	821115103009	S.AMAR SELVAN	17
8	821115103010	V.ANU RUTHRA	42
9	821115103011	A.ANUSHIYA	35
10	821115103012	T.ANUSREE	19
11	821115103013	A.ARAVINDHAN	20
12	821115103014	S.AROCKIA SUSAIRAJ	31
13	821115103015	A.ARTHI	36
14	821115103016	R.ARUN	31
15	821115103017	G.ARUN KUMAR	25
16	821115103018	S.T.ASHWIN	28
17	821115103019	R.ASWINI	29
18	821115103020	ATCHAYA.A	31
19	821115103021	K.BALACHANDAR	34
20	821115103022	S.BALAMURUGAN	39
21	821115103023	A.G.BALASUBRAMANIAM	40
22	821115103024	P.BARGUNAESHWARAN	28
23	821115103025	R.BHUVANESHWARI	34
24	821115103026	A.DHANALAKSHMI	29
25	821115103027	D.DHIVYAPRIYA	25
26	821115103028	B.R.EZHILMANICKAM	37
27	821115103029	R.EZHILRAJ	39
28	821115103030	GANESH ADHITHYA.K	31
29	821115103031	D.GIRIPRASATH	33
30	821115103032	M.GOPINATH	25
31	821115103034	T.S.GOWTHAM	18
32	821115103035	J.HARI HARAN	14

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
33	821115103036	M.R.HUMAIRA JASIM	30
34	821115103037	E.ISHWARIYA	18
35	821115103038	C.ISWARYA	20
36	821115103039	S.JAMES MAHAJAN	24
37	821115103040	M.JANSIRANI	17
38	821115103041	C.JAYALAKSHMI	15
39	821115103042	R.JAYA PRAKASH	32
40	821115103043	G.JOHN	31
41	821115103044	K.KALAI SURYA	35
42	821115103045	P.KALITHASAN	41
43	821115103046	T.KAMALA KEERTHANA	38
44	821115103048	R.KARTHI	28
45	821115103049	M.KRISHNA DASAN	29
46	821115103050	B.MADHUMATHI	24
47	821115103051	D.MANIKANDAN	24
48	821115103052	T.MOHAMED HALITH	17
49	821115103053	R.MOHAMED HUSSAIN	34
50	821115103054	H.MOHAMED IRFHON	28
51	821115103305	MUTHUKUMARAN.S	29
52	821115103308	RAGUL.V	31
53	821115103309	SAMEERUDEEN.S	38
54	821115103311	SIVARANJANI.S	34
55	821115103313	VIGNESH.D	36


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 HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

STUDENTS MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103061	NIRMAL GEEDS.P	22
2	821115103062	NITHYA.C.G	45
3	821115103063	PARAMESHWARAN.D	28
4	821115103064	PAVITHRA.K	19
5	821115103066	PRASANNA.G	43
6	821115103067	PRASATH.N	18
7	821115103070	PRIYA.L	34
8	821115103071	RAGUNATH.R	15
9	821115103072	RAGUPATHI.M	31
10	821115103073	RAM KUMAR.M	25
11	821115103074	RAMYA PRIYA.G	28
12	821115103075	RANJITH.R	27
13	821115103077	RANJITHA.K	16
14	821115103078	RASIKA.K	14
15	821115103079	RAVIKUMAR.S	31
16	821115103080	SAHANA.P	38
17	821115103081	SAMBASIVAM.S	27
18	821115103082	SANTHOSH.M.C	13
19	821115103083	SANTHOSH KUMAR.S	31
20	821115103084	SARATHKUMAR.R	28
21	821115103085	SARAVANAN.G	11
22	821115103087	SARAVANAN.T	32
23	821115103088	SATHIYA.K	36
24	821115103089	SATHIYA PRIYA.V	17
25	821115103090	SATHIYARAJ.R	25
26	821115103091	SATHIYASEELAN.G	28
27	821115103092	SHALINI DEVI.P	24

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
28	821115103093	SHANTHIN.LA	22
29	821115103094	SIRAJUL FIRTHOUSI.M	23
30	821115103095	SUGAPRIYA.B	35
31	821115103096	SURUTHI.R	38
32	821115103097	SURYA KUMAR.K	34
33	821115103098	SUVETHA.P.S	40
34	821115103099	TAMIL ELAKKIYA.R	36
35	821115103100	TAMILKAVI.K	25
36	821115103101	TAMIL MANI.K	21
37	821115103102	VASANTH.S	28
38	821115103103	VASANTHAKUMAR.V	19
39	821115103105	VENKATESAN.M	15
40	821115103106	VENKATESHWARAN.M	31
41	821115103107	VIDHIYASAGAR.B	38
42	821115103108	VIGNESH.M	32
43	821115103109	VIGNESHKUMAR.R	26
44	821115103110	VINOLIYA.P	25
45	821115103111	VINOTH.V	28
46	821115103112	VINOTHAS	34
47	821115103113	VINOTH KUMAR.K	39
48	821115103114	VISHVARAJ.E	35
49	821115103306	PARAMESWARI.S	38
50	821115103312	THARMALINGAM.N	24
51	821115103314	VIGNESH.V	17
52	821115103701	HASSAN.S	19
53	821115103702	SRINI PRIYAN.M	20
54	821115103029	EZHILRAJ.R	33

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 / ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS (CDC) - BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING

OUTCOME

- 109 Students of final year from the department of civil engineering have enrolled in "BASIC TECHNICAL CONCEPTS OF CIVIL ENGINEERING" of competency development class.
- Students gained fundamental information that can guide curriculum development/modification.
- Students were able to determine the three-dimensional relationships between different locations.
- Students were able to create maps by observing and recording characteristics of the land as well as the distance between various points.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.
- Students got more field experience from the class.


CDC IN-CHARGE 22/9/18


HOD/CIVIL 22/9/18



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 /ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC) - COMMUNICATION SKILLS - CURRICULUM

CDC NAME	: Communication Skills
YEAR/SEM	: IV CIVIL/ VII
BATCH	: 2016-2020
DURATION	: 15 Hours
TOTAL NO OF STUDENTS	: 109
NAME OF THE RESOURCE PERSON	: Mr.J.Radhakrishnan
ASSESSMENT PROCEDURE	: Quiz

CHAPTER - 1 LISTENING

- Introduction to Listening, Listen for gist and respond
- Listen for details and key words to understand specific meaning
- Listen and respond to questions and requests for personal information
- Listen to simple conversations in everyday contexts and respond
- Listening to intonation

CHAPTER - 2 ORAL COMMUNICATION

- Use conversation starters: introducing oneself; introducing others; small talk: family, friends, hobbies, profession, studies etc
- Pronunciation practice: Stress and syllables; word stress; contracted forms; utterance stress; uses of a dictionary for pronunciation practice
- Summarize academic readings and lectures, and make presentations
- Pronunciation practice: Problem sounds
- Use appropriate language to request and respond to requests

CHAPTER - 3 BASIC READING SKILLS

- Skimming through reading texts and determine two or more main ideas or themes
- Scanning through reading texts to understand and explain how key details support the main ideas or themes

CHAPTER - 4 UNDERSTANDING TEXT STRUCTURES

- Understanding text structures
- Reading texts to have these structures: sequencing, comparing and contrasting, relating cause and effect, problems and problem solving
- Noticing and discussing rhetorical and cultural aspects depicted in texts
- Learning the structure of paragraphs and cohesive devices used in reading texts

CHAPTER - 5 INFORMAL AND FORMAL COMMUNICATION

- Write informal letters, applications, and official letters of request
- Write official e-mails, memos and notices

CHAPTER - 6 PREPARING FOR THE JOB

- Becoming successful in group discussions
- Learning the presentation skills: presentation strategies – from notes to presenting; group, pair, individual presentations
- Interview taking skills
- Non-Verbal Communication (Using appropriate body language, Using positive facial expressions, Using polite eye contact, Visuals and self-awareness questionnaires to be used)


CDC In-charge


HOD/CIVIL


PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - COMMUNICATION SKILLS

CLASS:IV 'A'

DURATION: 15 HOURS

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103001	K.ABARNA	Ara
2	821115103003	A.AISWARYA	A. Aishwarya
3	821115103004	U.AJAY KRISHNA	U. Ajay Krishna
4	821115103005	S.AJITH	S. Ajith
5	821115103007	M.AJITH KUMAR	M. Ajith Kumar
6	821115103008	J.AKILAN	J. Akilan
7	821115103009	S.AMAR SELVAN	S. Amaran Selvan
8	821115103010	V.ANU RUTHRA	V. Anuruthra
9	821115103011	A.ANUSHIYA	A. Anushiya
10	821115103012	T.ANUSREE	T. Anusree
11	821115103013	A.ARAVINDHAN	A. Aravindhan
12	821115103014	S.AROCKIA SUSAIRAJ	S. Arockia Susairaj
13	821115103015	A.ARTHI	A. Arthi
14	821115103016	R.ARUN	R. Arun
15	821115103017	G.ARUN KUMAR	G. Arun Kumar
16	821115103018	S.T.ASHWIN	S. T. Ashwin
17	821115103019	R.ASWINI	R. Aswini
18	821115103020	ATCHAYA.A	A. Atchaya
19	821115103021	K.BALACHANDAR	K. Balachandar
20	821115103022	S.BALAMURUGAN	S. Balamurugan
21	821115103023	A.G.BALASUBRAMANIAM	A. G. Balasubramaniam
22	821115103024	P.BARGUNAESHWARAN	P. Bargunaeshwaran
23	821115103025	R.BHUVANESHWARI	R. Bhuvaneshwari
24	821115103026	A.DHANALAKSHMI	A. Dhanalakshmi
25	821115103027	D.DHIVYAPRIYA	D. Divya Priya
26	821115103028	B.R.EZHILMANICKAM	B. R. Ezhilmanickam
27	821115103029	R.EZHILRAJ	R. Ezhilraj
28	821115103030	GANESH ADHITHYA.K	G. Ganesh Adhithya
29	821115103031	D.GIRIPRASATH	D. Giriprasath

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
30	821115103032	M.GOPINATH	<i>Gopinath</i>
31	821115103034	T.S.GOWTHAM	<i>Gowtham</i>
32	821115103035	J.HARI HARAN	<i>Hari Haran</i>
33	821115103036	M.R.HUMAIRA JASIM	<i>Humaira Jasim</i>
34	821115103037	E.ISHWARIYA	<i>Ishwariya</i>
35	821115103038	C.ISWARYA	<i>Iswarya</i>
36	821115103039	S.JAMES MAHAJAN	<i>James Mahajan</i>
37	821115103040	M.JANSIRANI	<i>Jansirani</i>
38	821115103041	C.JAYALAKSHMI	<i>Jayalakshmi</i>
39	821115103042	R.JAYA PRAKASH	<i>Jaya Prakash</i>
40	821115103043	G.JOHN	<i>John</i>
41	821115103044	K.KALAI SURYA	<i>Kalai Surya</i>
42	821115103045	P.KALITHASAN	<i>Kalithasan</i>
43	821115103046	T.KAMALA KEERTHANA	<i>Kamala Keertana</i>
44	821115103048	R.KARTHI	<i>Karthi</i>
45	821115103049	M.KRISHNA DASAN	<i>Krishna Dasan</i>
46	821115103050	B.MADHUMATHI	<i>Madhumi</i>
47	821115103051	D.MANIKANDAN	<i>Manikandan</i>
48	821115103052	T.MOHAMED HALITH	<i>Mohamed Halith</i>
49	821115103053	R.MOHAMED HUSSAIN	<i>Mohamed Hussain</i>
50	821115103054	H.MOHAMED IRFHON	<i>Mohamed Irphon</i>
51	821115103057	M.MUTHUKRISHNAN	<i>Muthukrishnan</i>
52	821115103059	A.NEKA	<i>A.Neka</i>
53	821115103060	C.NIKITHA	<i>C.Nikitha</i>
54	821115103301	JAYABHARATHI.R	<i>Jayabharathi R</i>
55	821115103313	VIGNESH.D	<i>Vignesh D</i>

Pen
29/5/16
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - COMMUNICATION SKILLS

STUDENTS NAME LIST

CLASS:IV 'B'

DURATION: 15 HOURS

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103061	NIRMAL GEEDS.P	P. Nirma
2	821115103062	NITHYA.C.G	C.G.
3	821115103063	PARAMESHWARAN.D	D. Parth.
4	821115103064	PAVITHRA.K	P. Pavithra
5	821115103066	PRASANNA.G	Prasanna
6	821115103067	PRASATH.N	Prasath
7	821115103070	PRIYA.L	P. Priya
8	821115103071	RAGUNATH.R	R. Ragunath
9	821115103072	RAGUPATHI.M	R. Ragupathi
10	821115103073	RAM KUMAR.M	M. Ram Kumar
11	821115103074	RAMYA PRIYA.G	G. Ramya Priya
12	821115103075	RANJITH.R	R. Ranjith
13	821115103077	RANJITHA.K	K. Ranjitha
14	821115103078	RASIKA.K	K. Rasika
15	821115103079	RAVIKUMAR.S	S. Ravikumar
16	821115103080	SAHANA.P	P. Sahana
17	821115103081	SAMBASIVAM.S	S. Sambasivam
18	821115103082	SANTHOSH.M.C	M.C. Santhosh
19	821115103083	SANTHOSH KUMAR.S	S. Santhosh Kumar
20	821115103084	SARATHKUMAR.R	R. Sarath Kumar
21	821115103085	SARAVANAN.G	G. Saravanan
22	821115103087	SARAVANAN.T	T. Saravanan
23	821115103088	SATHIYA.K	K. Sathiya
24	821115103089	SATHIYA PRIYA.V	V. Sathiya Priya
25	821115103090	SATHIYARAJ.R	R. Sathiyaraj
26	821115103091	SATHIYASEELAN.G	G. Sathiyaseelan
27	821115103092	SHALINI DEVI.P	P. Shalini Devi

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
28	821115103093	SHANTHINI.A	
29	821115103094	SIRAJUL FIRTHOUSI.M	M. Supriya
30	821115103095	SUGAPRIYA.B	B. Sujay
31	821115103096	SURUTHI.R	R. Sujay
32	821115103097	SURYA KUMAR.K	R. Sujay
33	821115103098	SUVETHA.P.S	P.S. Shree
34	821115103099	TAMIL ELAKKIYA.R	T. Res.
35	821115103100	TAMILKAVI.K	K. Res.
36	821115103101	TAMIL MANI.K	K. Tamil
37	821115103102	VASANTH.S	V. Sujay
38	821115103103	VASANTHAKUMAR.V	V. Sujay
39	821115103105	VENKATESAN.M	V. Sujay
40	821115103106	VENKATESHWARAN.M	M. Res.
41	821115103107	VIDHIYASAGAR.B	B. Vidhaya
42	821115103108	VIGNESH.M	M. Res.
43	821115103109	VIGNESHKUMAR.R	R. Res.
44	821115103110	VINOLIYA.P	P. Vinoliya
45	821115103111	VINOTH.V	V. Vinoh
46	821115103112	VINOTHA.S	f. Vin.
47	821115103113	VINOTH KUMAR.K	K. Vin.
48	821115103114	VISHVARAJ.E	E. Vishva
49	821115103306	PARAMESWARI.S	S. Pal
50	821115103312	THARMALINGAM.N	N. Res.
51	821115103314	VIGNESH.V	V. Res.
52	821115103701	HASSAN.S	S. Res.
53	821115103702	SRINI PRIYAN.M	M. Res.
54	821115103029	EZHILRAJ.R	R. Res.

CDC-INCHARGE 29/8/18

HOD/CIVIL 29/8/18

ROLL.NO	REGISTER NO	STUDENT NAME	27/11	12/7/11	26/7/11	10/8/11	24/8/11	31/8/11		
33	821115103036	M.R.HUMAIRA JASIM	/	/	/	/	/	/		
34	821115103037	E.ISHWARIYA	/	/	/	A	/	A		
35	821115103038	C.ISWARYA	/	/	/	/	/	/		
36	821115103039	S.JAMES MAHAJAN	/	/	/	/	/	/		
37	821115103040	M.JANSIRANI	/	/	/	/	/	/		
38	821115103041	C.JAYALAKSHMI	/	/	/	/	/	/		
39	821115103042	R.JAYA PRAKASH	/	/	A	/	/	/		
40	821115103043	G.JOHN	/	/	/	/	/	/		
41	821115103044	K.KALAI SURYA	/	/	/	/	/	/		
42	821115103045	P.KALITHASAN	/	/	/	/	/	/		
43	821115103046	T.KAMALA KEERTHANA	/	/	/	/	/	/		
44	821115103048	R.KARTHI	/	/	/	/	/	/		
45	821115103049	M.KRISHNA DASAN	/	/	/	/	/	/		
46	821115103050	B.MADHUMATHI	/	/	/	/	/	/		
47	821115103051	D.MANIKANDAN	/	/	/	/	/	/		
48	821115103052	T.MOHAMED HALITH	A	/	/	/	/	/		
49	821115103053	R.MOHAMED HUSSAIN	/	/	/	/	/	/		
50	821115103054	H.MOHAMED IRFHON	/	/	/	/	/	/		
51	821115103305	MUTHUKUMARAN.S	/	/	/	/	/	/		
52	821115103308	RAGUL.V	/	/	/	/	/	/		
53	821115103309	SAMEERUDEEN.S	/	/	/	/	/	/		
54	821115103311	SIVARANJANIS	/	/	/	/	/	/		
55	821115103313	VIGNESH.D	/	/	/	/	/	/		


 CDC-INCHARGE
 30/8/11


 HOD/CIVIL
 30/8/11



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - COMMUNICATION SKILL

MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'A'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103001	K.ABARNA	32
2	821115103003	A.AISWARYA	20
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15	821115103017	G.ARUN KUMAR	17
16	821115103018	S.T.ASHWIN	19
17	821115103019	R.ASWINI	34
18	821115103020	ATCHAYA.A	21
19	821115103021	K.BALACHANDAR	26
20	821115103022	S.BALAMURUGAN	28
21	821115103023	A.G.BALASUBRAMANIAM	31
22	821115103024	P.BARGUNAESHWARAN	35
23	821115103025	R.BHUVANESHWARI	36
24	821115103026	A.DHANALAKSHMI	38
25	821115103027	D.DHIVYAPRIYA	20
26	821115103028	B.R.EZHILMANICKAM	14
27	821115103029	R.EZHILRAJ	19
28	821115103030	GANESH ADHITHYA.K	14
29	821115103031	D.GIRIPRASATH	24
30	821115103032	M.GOPINATH	25
31	821115103034	T.S.GOWTHAM	28
32	821115103035	J.HARI HARAN	27

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
33	821115103036	M.R.HUMAIRA JASIM	17
34	821115103037	E.ISHWARIYA	25
35	821115103038	C.ISWARYA	22
36	821115103039	S.JAMES MAHAJAN	21
37	821115103040	M.JANSIRANI	5
38	821115103041	C.JAYALAKSHMI	36
39	821115103042	R.JAYA PRAKASH	34
40	821115103043	G.JOHN	19
41	821115103044	K.KALAI SURYA	28
42	821115103045	P.KALITHASAN	17
43	821115103046	T.KAMALA KEERTHANA	15
44	821115103048	R.KARTHI	16
45	821115103049	M.KRISHNA DASAN	24
46	821115103050	B.MADHUMATHI	28
47	821115103051	D.MANIKANDAN	31
48	821115103052	T.MOHAMED HALITH	34
49	821115103053	R.MOHAMED HUSSAIN	38
50	821115103054	H.MOHAMED IRFHON	20
51	821115103305	MUTHUKUMARAN.S	45
52	821115103308	RAGUL.V	32
53	821115103309	SAMEERUDEEN.S	25
54	821115103311	SIVARANJANI.S	24
55	821115103313	VIGNESH.D	22


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 HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - COMMUNICATION SKILL

STUDENTS MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103061	NIRMAL GEEDS.P	36
2	821115103062	NITHYA.C.G	28
3	821115103063	PARAMESHWARAN.D	24
4	821115103064	PAVITHRA.K	19
5	821115103066	PRASANNA.G	17
6	821115103067	PRASATH.N	35
7	821115103070	PRIYA.L	14
8	821115103071	RAGUNATH.R	20
9	821115103072	RAGUPATHI.M	11
10	821115103073	RAM KUMAR.M	36
11	821115103074	RAMYA PRIYA.G	25
12	821115103075	RANJITH.R	24
13	821115103077	RANJITHA.K	21
14	821115103078	RASIKA.K	38
15	821115103079	RAVIKUMAR.S	39
16	821115103080	SAHANA.P	41
17	821115103081	SAMBASIVAM.S	28
18	821115103082	SANTHOSH.M.C	34
19	821115103083	SANTHOSH KUMAR.S	37
20	821115103084	SARATHKUMAR.R	39
21	821115103085	SARAVANAN.G	44
22	821115103087	SARAVANAN.T	29
23	821115103088	SATHIYA.K	30
24	821115103089	SATHIYA PRIYA.V	35
25	821115103090	SATHIYARAJ.R	44
26	821115103091	SATHIYASEELAN.G	28
27	821115103092	SHALINI DEVI.P	17

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
28	821115103093	SHANTHINI.A	25
29	821115103094	SIRAJUL FIRTHOUSI.M	33
30	821115103095	SUGAPRIYA.B	17
31	821115103096	SURUTHI.R	25
32	821115103097	SURYA KUMAR.K	35
33	821115103098	SUVETHA.P.S	34
34	821115103099	TAMIL ELAKKIYA.R	18
35	821115103100	TAMILKAVI.K	33
36	821115103101	TAMIL MANI.K	24
37	821115103102	VASANTH.S	29
38	821115103103	VASANTHAKUMAR.V	17
39	821115103105	VENKATESAN.M	28
40	821115103106	VENKATESHWARAN.M	39
41	821115103107	VIDHIYASAGAR.B	32
42	821115103108	VIGNESH.M	23
43	821115103109	VIGNESHKUMAR.R	11
44	821115103110	VINOLIYA.P	21
45	821115103111	VINOTH.V	28
46	821115103112	VINOTHAS	21
47	821115103113	VINOTH KUMAR.K	15
48	821115103114	VISHVARAJ.E	34
49	821115103306	PARAMESWARI.S	38
50	821115103312	THARMALINGAM.N	27
51	821115103314	VIGNESH.V	31
52	821115103701	HASSAN.S	35
53	821115103702	SRINI PRIYAN.M	34
54	821115103029	EZHILRAJ.R	19



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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-19 / ODD SEMESTER
COMPETENCY DEVELOPMENT CLASS (CDC) – COMMUNICATION SKILLS

OUTCOME

- 109 Students of final year from the department of civil engineering have enrolled in “COMMUNICATION SKILLS” of competency development class.
- Students gained more knowledge in reading and understanding the language.
- Students got a good communication in speaking English fluently.
- Students facilitate their ability to work collaborately with others.
- Students were able to give oral presentation and receive feedback on their performance.
- Students got willingness to attend in various presentations.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.
- Students got free from stage fear.


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K. J. Somaiya Institute of Technology
Warananagar, Andheri West, Mumbai - 400 052



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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19/ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC) - SITE MARKING AND RELATED ACTIVITIES

CURRICULUM

CDC NAME	Site Marking and Related Activities
YEAR/SEM	IV CIVIL/VII
BATCH	2015-2019
DURATION	: 15 Hours
TOTAL NO OF STUDENTS	: 109
NAME OF THE RESOURCE PERSON	: Mr K.Arun
ASSESSMENT PROCEDURE	: MCQ

SECTION: 1 SITE LAYOUT AND PREPARATION:

Location of boundary pegs - at site verification of boundary pegs in accordance with the coordinates given in the official site plan - Clearation the construction site of any bushes, trees and obstruction if any - Establishment of bench marks and datum level at site - Correction of any deviations at site should be referred back to approving authority

SECTION: 2 SETTING OUT

Architectural and Structural drawings to ensure that gridlines and spacing dimensions are consistent - Identification of the starter column and clearly mark it on the ground - marking all the position of the columns as per the construction drawings - cross check the diagonal distance between individual columns. Methods of setting out - Provision and fixation of adequate recovery pegs in suitable locations away from the excavation area - Cross check the final set out by Pythagoras theorem or Intersection Method

SECTION: 3 EXCAVATIONS AND EARTHWORK

Existing service lines like electrical connection - water supply and drainage connection telephone line etc. below the ground level - Mark the size of the footing on the ground with the help of plumb bob, the grids of string and lime powder - Excavate the soil till the depth of the foundation given in the drawing - Provide temporary supports for the sides of excavation.


CDC In-charge 27/8/18


HOD/CIVIL 27/8/18


PRINCIPAL 27/8/2018



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - SITE MARKING AND RELATED ACTIVITIES

STUDENT NAMELIST

BATCH: 2015-2019

CLASS/SEM: IV'A'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103001	K.ABARNA	<i>[Signature]</i>
2	821115103003	A.AISWARYA	<i>A. Aiswarya</i>
3	821115103004	U.AJAY KRISHNA	<i>U. Ajay Krishna</i>
4	821115103005	S.AJITH	<i>S. Ajith</i>
5	821115103007	M.AJITH KUMAR	<i>M. Ajith Kumar</i>
6	821115103008	J.AKILAN	<i>J. Akilan</i>
7	821115103009	S.AMAR SELVAN	<i>S. Amar Selvan</i>
8	821115103010	V.ANU RUTHRA	<i>V. Anu Ruthra</i>
9	821115103011	A.ANUSHIYA	<i>A. Anushiya</i>
10	821115103012	T.ANUSREE	<i>T. Anusree</i>
11	821115103013	A.ARAVINDHAN	<i>A. Aravindhan</i>
12	821115103014	S.AROCKIA SUSAIRAJ	<i>S. Arockia Susairaj</i>
13	821115103015	A.ARTHI	<i>A. Arthi</i>
14	821115103016	R.ARUN	<i>R. Arun</i>
15	821115103017	G.ARUN KUMAR	<i>G. Arun Kumar</i>
16	821115103018	S.T.ASHWIN	<i>S.T. Ashwin</i>
17	821115103019	R.ASWINI	<i>R. Aswini</i>
18	821115103020	ATCHAYA.A	<i>A. Atchaya</i>
19	821115103021	K.BALACHANDAR	<i>K. Balachandar</i>
20	821115103022	S.BALAMURUGAN	<i>S. Balamurugan</i>
21	821115103023	A.G.BALASUBRAMANIAM	<i>A.G. Balasubramaniam</i>
22	821115103024	P.BARGUNAESHWARAN	<i>P. Bargunaeshwaran</i>
23	821115103025	R.BHUVANESHWARI	<i>R. Bhuvaneshwari</i>
24	821115103026	A.DHANALAKSHMI	<i>A. Dhana Lakshmi</i>
25	821115103027	D.DHIVYAPRIYA	<i>D. Divya Priya</i>
26	821115103028	B.REZHILMANICKAM	<i>B. Rezhilmanickam</i>
27	821115103029	REZHILRAJ	<i>R. Rezhilraj</i>
28	821115103030	GANESH ADHITHYA.K	<i>G. Ganesh Adhithya.K</i>
29	821115103031	D.GIRIPRASATH	<i>D. Giriprasath</i>
30	821115103032	M.GOPINATH	<i>M. Gopinath</i>
31	821115103034	T.S.GOWTHAM	<i>T.S. Gowtham</i>
32	821115103035	J.HARI HARAN	<i>J. Hari Haran</i>

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
33	821115103036	M.R.HUMAIRA JASIM	N. H. Humerjasing
34	821115103037	E.ISHWARIYA	E. Iswariya
35	821115103038	C.ISWARYA	C. Iswarya
36	821115103039	S.JAMES MAHAJAN	M. James
37	821115103040	M.JANSIRANI	M. Jansirani
38	821115103041	C.JAYALAKSHMI	R. Jayalakshmi
39	821115103042	R.JAYA PRAKASH	R. Jayaprakash
40	821115103043	G.JOHN	G. John
41	821115103044	K.KALAI SURYA	K. Kalai Surya
42	821115103045	P.KALITHASAN	P. Kalithasan
43	821115103046	T.KAMALA KEERTHANA	T. Kamala Keerthana
44	821115103048	R.KARTHI	R. Karthi
45	821115103049	M.KRISHNA DASAN	M. KRISHNA DASAN
46	821115103050	B.MADHUMATHI	B. Madhumathi
47	821115103051	D.MANIKANDAN	D. Manikandan
48	821115103052	T.MOHAMED HALITH	T. Mohamed Halith
49	821115103053	R.MOHAMED HUSSAIN	R. Mohamed Hussain
50	821115103054	H.MOHAMED IRFHON	H. Mohamad Irphon
51	821115103305	MUTHUKUMARAN.S	M. Muthukumar.S
52	821115103308	RAGUL.V	Ragul.V
53	821115103309	SAMEERUDEEN.S	Sameerudeen.S
54	821115103311	SIVARANJANI.S	Sivaranjani.S
55	821115103313	VIGNESH.D	Vignesh.D

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - SITE MARKING AND RELATED ACTIVITIES

STUDENTS NAME LIST

CLASS:IV 'B'

DURATION: 15 HOURS

ROLL NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103061	NIRMAL GEEDS.P	P. Nirmal
2	821115103062	NITHYA.C.G	E.C.G.
3	821115103063	PARAMESHWARAN.D	D. Parameshwaran
4	821115103064	PAVITHRA.K	K. Pavithra
5	821115103066	PRASANNA.G	P. Pragna G.
6	821115103067	PRASATH.N	N. Prasath
7	821115103070	PRIYA.L	L. Priya
8	821115103071	RAGUNATH.R	R. Ragunath
9	821115103072	RAGUPATHI.M	M. Ragupathi
10	821115103073	RAM KUMAR.M	M. Ram Kumar
11	821115103074	RAMYA PRIYA.G	G. Ramya Priya
12	821115103075	RANJITH.R	R. Ranjith
13	821115103077	RANJITHA.K	K. Ranjitha
14	821115103078	RASIKA.K	K. Rasika
15	821115103079	RAVIKUMAR.S	S. Ravikumar
16	821115103080	SAHANA.P	P. Sahana
17	821115103081	SAMBASIVAM.S	S. Sambasivam
18	821115103082	SANTHOSH.M.C	C. Santhosh
19	821115103083	SANTHOSH KUMAR.S	S. Santhosh Kumar
20	821115103084	SARATHKUMAR.R	R. Sarath Kumar
21	821115103085	SARAVANAN.G	G. Saravanan
22	821115103087	SARAVANAN.T	T. Saravanan
23	821115103088	SATHIYA.K	K. Sathya
24	821115103089	SATHIYA PRIYA.V	V. Sathya Priya
25	821115103090	SATHIYARAJ.R	R. Sathiyaraj
26	821115103091	SATHIYASEELAN.G	G. Sathiyaseelan
27	821115103092	SHALINI DEVI.P	P. Shalini Devi

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
28	821115103093	SHANTHINI.A	
29	821115103094	SIRAJUL FIRTHOUSI.M	M. Sirajul
30	821115103095	SUGAPRIYA.B	B. Sugapriya
31	821115103096	SURUTHI.R	R. Suruthi
32	821115103097	SURYA KUMAR.K	K. Suryakumar
33	821115103098	SUVETHA.P.S	P.S. Suevetha
34	821115103099	TAMIL ELAKKIYA.R	R. Elakkiya
35	821115103100	TAMILKAVI.K	K. Tamilkavi
36	821115103101	TAMIL MANI.K	K. Tamilmani
37	821115103102	VASANTH.S	S. Vasanth
38	821115103103	VASANTHAKUMAR.V	V. Vasanthakumar
39	821115103105	VENKATESAN.M	M. Venkatesan
40	821115103106	VENKATESHWARAN.M	M. Venkateshwaran
41	821115103107	VIDHIYASAGAR.B	B. Vidhiyasagar
42	821115103108	VIGNESH.M	M. Vignesh
43	821115103109	VIGNESHKUMAR.R	R. Vigneshkumar
44	821115103110	VINOLIYA.P	P. Vinoliya
45	821115103111	VINOTH.V	V. Vinoth
46	821115103112	VINOTHA.S	S. Vinotha
47	821115103113	VINOTH KUMAR.K	K. Vinothkumar
48	821115103114	VISHVARAJ.E	E. Vishvaraj
49	821115103306	PARAMESWARI.S	S. Parameswari
50	821115103312	THARMALINGAM.N	N. Tharmalingam
51	821115103314	VIGNESH.V	V. Vignesh
52	821115103701	HASSAN.S	S. Hassan
53	821115103702	SRINI PRIYAN.M	M. Srinipriyan
54	821115103029	EZHILRAJ.R	R. Ezhilraj

CDC-INCHARGE 29/8/16

HOD/CIVIL 29/8/16



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - SITE MARKING AND RELATED ACTIVITIES

ATTENDANCE SHEET

BATCH: 2015-2019

CLASS/SEM: IV'A'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	4-7-18	16-7-18	23-7-18	13-8-18	20-8-18	27-8-18		
1	821115103001	K.ABARNA	/	/	/	/	/	/		
2	821115103003	A.AISWARYA	/	/	/	/	/	/		
3	821115103004	U.AJAY KRISHNA	/	/	a	/	/	/		
4	821115103005	S.AJITH	/	/	/	/	/	/		
5	821115103007	M.AJITH KUMAR	/	/	/	/	a	/		
6	821115103008	J.AKILAN	/	/	/	/	/	/		
7	821115103009	S.AMAR SELVAN	/	/	/	/	/	/		
8	821115103010	V.ANU RUTHRA	/	/	/	/	/	/		
9	821115103011	A.ANUSHIYA	/	/	/	/	/	/		
10	821115103012	T.ANUSREE	/	/	/	/	/	/		
11	821115103013	A.ARAVINDHAN	a	/	/	/	/	/		
12	821115103014	S.AROCKIA SUSAIRAJ	/	/	/	/	/	/		
13	821115103015	A.ARTHI	/	/	/	/	/	/		
14	821115103016	R.ARUN	/	/	/	/	/	/		
15	821115103017	G.ARUN KUMAR	/	/	/	/	/	/		
16	821115103018	S.T.ASHWIN	/	/	/	/	/	/		
17	821115103019	R.ASWINI	/	/	/	/	/	/		
18	821115103020	ATCHAYA.A	/	/	/	/	/	/		
19	821115103021	K.BALACHANDAR	/	/	/	/	/	/		
20	821115103022	S.BALAMURUGAN	/	/	/	/	/	/		
21	821115103023	A.G.BALASUBRAMANIAM	/	/	a	/	/	/		
22	821115103024	P.BARGUNAESHWARAN	/	/	/	/	/	/		
23	821115103025	R.BHUVANESHWARI	/	/	/	/	/	/		
24	821115103026	A.DHANALAKSHMI	/	/	/	/	/	/		
25	821115103027	D.DHIVYAPRIYA	/	/	/	/	/	/		
26	821115103028	B.R.EZHILMANICKAM	/	/	/	/	/	a		
27	821115103029	R.EZHILRAJ	/	/	/	/	/	/		
28	821115103030	GANESH ADHITHYA.K	/	/	/	/	/	/		
29	821115103031	D.GIRIPRASATH	/	/	/	/	/	/		
30	821115103032	M.GOPINATH	/	/	/	/	/	/		
31	821115103034	T.S.GOWTHAM	/	/	/	/	/	/		
32	821115103035	J.HARI HARAN	/	/	a	/	/	/		

ROLL.NO	REGISTER NO	STUDENT NAME	9-7-14	16-7-14	23-7-14	30-7-14	6-8-14	13-8-14	20-8-14	27-8-14		
33	821115103036	M.R.HUMAIRA JASIM	/	/	/	/	/	/	/	/		
34	821115103037	E.ISHWARIYA	/	/	/	/	/	/	/	/		
35	821115103038	C.ISWARYA	/	/	/	/	/	/	/	/		
36	821115103039	S.JAMES MAHAJAN	/	/	/	/	/	/	/	/		
37	821115103040	M.JANSIRANI	/	/	/	/	/	/	/	/		
38	821115103041	C.JAYALAKSHMI	/	/	/	/	/	/	/	/		
39	821115103042	R.JAYA PRAKASH	/	/	/	/	/	/	/	/		
40	821115103043	G.JOHN	/	/	/	/	/	/	/	/		
41	821115103044	K.KALAI SURYA	/	/	/	/	/	/	/	/		
42	821115103045	P.KALITHASAN	/	/	/	/	/	/	/	/		
43	821115103046	T.KAMALA KEERTHANA	/	/	/	/	/	/	/	/		
44	821115103048	R.KARTHI	/	/	/	/	/	/	/	/		
45	821115103049	M.KRISHNA DASAN	/	/	/	/	/	/	/	/		
46	821115103050	B.MADHUMATHI	/	/	/	/	/	/	/	/		
47	821115103051	D.MANIKANDAN	/	/	/	/	/	/	/	/		
48	821115103052	T.MOHAMED HALITH	/	/	/	/	/	/	/	/		
49	821115103053	R.MOHAMED HUSSAIN	/	/	/	/	/	/	/	/		
50	821115103054	H.MOHAMED IRFHON	/	/	/	/	/	/	/	/		
51	821115103305	MUTHUKUMARAN.S	/	/	/	/	/	/	/	/		
52	821115103308	RAGUL.V	/	/	/	/	/	/	/	/		
53	821115103309	SAMEERUDEEN.S	/	/	/	/	/	/	/	/		
54	821115103311	SIVARANJANI.S	/	/	/	/	/	/	/	/		
55	821115103313	VIGNESH.D	/	/	/	/	/	/	/	/		


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 22/8/14


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 22/8/14



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(N.A.C. Accredited Institution)
(Approved by AICTE, New Delhi. Affiliated to
Anna University, Chennai)



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS – SITE MARKING AND RELATED ACTIVITIES

ATTENDANCE SHEET

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	9/11/18	16/11/18	23/11/18	12/12/18	20/12/18	27/12/18		
1	821115103061	NIRMAL GEEDS.P	/	/	/	/	/	/		
2	821115103062	NITHYA.C.G	/	/	/	/	/	/		
3	821115103063	PARAMESHWARAN.D	/	/	/	/	/	/		
4	821115103064	PAVITHRA.K	/	/	/	/	/	/		
5	821115103066	PRASANNA.G	/	/	/	/	/	/		
6	821115103067	PRASATH.N	/	/	/	/	/	/		
7	821115103070	PRIYA.L	/	/	/	/	/	/		
8	821115103071	RAGUNATH.R	A	/	/	/	/	/		
9	821115103072	RAGUPATHI.M	/	/	/	/	/	/		
10	821115103073	RAM KUMAR.M	/	/	/	/	/	/		
11	821115103074	RAMYA PRIYA.G	/	/	/	/	/	/		
12	821115103075	RANJITH.R	/	/	A	/	/	/		
13	821115103077	RANJITHA.K	/	/	/	/	/	/		
14	821115103078	RASIKA.K	/	/	/	/	/	/		
15	821115103079	RAVIKUMAR.S	/	/	/	/	/	/		
16	821115103080	SAHANA.P	/	/	/	/	/	/		
17	821115103081	SAMBASIVAM.S	/	/	/	/	A	/		
18	821115103082	SANTHOSH.M.C	/	/	/	/	/	/		
19	821115103083	SANTHOSH KUMARS	/	/	/	/	/	/		
20	821115103084	SARATHKUMAR.R	/	/	/	/	/	/		
21	821115103085	SARAVANAN.G	/	/	/	/	/	/		
22	821115103087	SARAVANAN.T	/	/	/	/	/	/		
23	821115103088	SATHIYA.K	/	/	/	/	/	/		
24	821115103089	SATHIYA PRIYA.V	/	/	/	/	/	/		
25	821115103090	SATHIYARAJ.R	/	/	/	/	/	/		
26	821115103091	SATHIYASEELAN.G	/	/	/	/	/	/		
27	821115103092	SHALINI DEVI.P	/	/	/	/	/	A		

ROLL.NO	REGISTER NO	STUDENT NAME								
28	821115103093	SHANTHINI.A	/	/	/	/	/	/	/	
29	821115103094	SIRAJUL FIRTHOUSLM	/	/	/	/	/	/	/	
30	821115103095	SUGAPRIYA.B	/	/	/	/	/	/	/	
31	821115103096	SURUTHI.R	/	/	/	/	/	/	/	
32	821115103097	SURYA KUMAR.K	/	/	/	/	/	/	/	
33	821115103098	SUVETHA.P.S	/	/	/	/	/	/	/	
34	821115103099	TAMIL ELAKKIYA.R	/	/	/	/	/	/	/	
35	821115103100	TAMILKAVI.K	/	/	/	/	/	/	/	
36	821115103101	TAMIL MANI.K	/	/	/	/	/	/	/	
37	821115103102	VASANTH.S	/	/	/	/	/	/	/	
38	821115103103	VASANTHAKUMAR.V	/	/	/	/	/	/	/	
39	821115103105	VENKATESAN.M	/	/	/	/	/	/	/	
40	821115103106	VENKATESHWARAN.M	/	/	/	/	/	/	/	
41	821115103107	VIDHIYASAGAR.B	/	/	/	/	/	/	/	
42	821115103108	VIGNESH.M	/	/	/	/	/	/	/	
43	821115103109	VIGNESHKUMAR.R	/	/	/	/	/	/	/	
44	821115103110	VINOLIYA.P	/	/	/	/	/	/	/	
45	821115103111	VINOTH.V	/	/	/	/	/	/	/	
46	821115103112	VINOTHAS	/	/	/	/	/	/	/	
47	821115103113	VINOTH KUMAR.K	/	/	/	/	/	/	/	
48	821115103114	VISHVARAJ.E	/	/	/	/	/	/	/	
49	821115103306	PARAMESWARI.S	/	/	/	/	/	/	/	
50	821115103312	THARMALINGAM.N	/	/	/	/	/	/	/	
51	821115103314	VIGNESH.V	/	/	/	/	/	/	/	
52	821115103701	HASSAN.S	/	/	/	/	/	/	/	
53	821115103702	SRINI PRIYAN.M	/	/	/	/	/	/	/	
54	821115103029	EZHILRAJ.R	/	/	/	/	/	/	/	


 CDC-INCHARGE 27/8/18


 HOD/CIVIL 27/8/18



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS – SITE MARKING AND RELATED ACTIVITIES

MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'A'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103001	K.ABARNA	25
2	821115103003	A.AISWARYA	28
3	821115103004	U.AJAY KRISHNA	21
4	821115103005	S.AJITH	36
5	821115103007	M.AJITH KUMAR	24
6	821115103008	J.AKILAN	27
7	821115103009	S.AMAR SELVAN	21
8	821115103010	V.ANU RUTHRA	20
9	821115103011	A.ANUSHIYA	26
10	821115103012	T.ANUSREE	22
11	821115103013	A.ARAVINDHAN	31
12	821115103014	S.AROCKIA SUSAIRAJ	32
13	821115103015	A.ARTHI	20
14	821115103016	R.ARUN	15
15	821115103017	G.ARUN KUMAR	14
16	821115103018	S.T.ASHWIN	42
17	821115103019	R.ASWINI	45
18	821115103020	ATCHAYA.A	24
19	821115103021	K.BALACHANDAR	20
20	821115103022	S.BALAMURUGAN	22
21	821115103023	A.G.BALASUBRAMANIAM	14
22	821115103024	P.BARGUNAESHWARAN	08
23	821115103025	R.BHUVANESHWARI	24
24	821115103026	A.DHANALAKSHMI	25
25	821115103027	D.DHIVYAPRIYA	21
26	821115103028	B.R.EZHILMANICKAM	17
27	821115103029	R.EZHILRAJ	15
28	821115103030	GANESH ADHITHYA.K	25
29	821115103031	D.GIRIPRASATH	24
30	821115103032	M.GOPINATH	36
31	821115103034	T.S.GOWTHAM	27
32	821115103035	J.HARI HARAN	21

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
33	821115103036	M.R.HUMAIRA JASIM	25
34	821115103037	E.ISHWARIYA	25
35	821115103038	C.ISWARYA	22
36	821115103039	S.JAMES MAHAJAN	21
37	821115103040	M.JANSIRANI	5
38	821115103041	C.JAYALAKSHMI	36
39	821115103042	R.JAYA PRAKASH	34
40	821115103043	G.JOHN	19
41	821115103044	K.KALAI SURYA	28
42	821115103045	P.KALITHASAN	17
43	821115103046	T.KAMALA KEERTHANA	15
44	821115103048	R.KARTHI	16
45	821115103049	M.KRISHNA DASAN	24
46	821115103050	B.MADHUMATHI	28
47	821115103051	D.MANIKANDAN	31
48	821115103052	T.MOHAMED HALITH	34
49	821115103053	R.MOHAMED HUSSAIN	38
50	821115103054	H.MOHAMED IRFHON	20
51	821115103305	MUTHUKUMARAN.S	45
52	821115103308	RAGUL.V	32
53	821115103309	SAMEERUDEEN.S	25
54	821115103311	SIVARANJANI.S	24
55	821115103313	VIGNESH.D	32

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29/7/18

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS – SITE MARKING AND RELATED ACTIVITIES

STUDENTS MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103061	NIRMAL GEEDS.P	32
2	821115103062	NITHYA.C.G	29
3	821115103063	PARAMESHWARAN.D	16
4	821115103064	PAVITHRA.K	31
5	821115103066	PRASANNA.G	34
6	821115103067	PRASATH.N	25
7	821115103070	PRIYA.L	21
8	821115103071	RAGUNATH.R	20
9	821115103072	RAGUPATHI.M	28
10	821115103073	RAM KUMAR.M	30
11	821115103074	RAMYA PRIYA.G	38
12	821115103075	RANJITH.R	41
13	821115103077	RANJITHA.K	08
14	821115103078	RASIKA.K	12
15	821115103079	RAVIKUMAR.S	06
16	821115103080	SAHANA.P	32
17	821115103081	SAMBASIVAM.S	33
18	821115103082	SANTHOSH.M.C	41
19	821115103083	SANTHOSH KUMAR.S	24
20	821115103084	SARATHKUMAR.R	34
21	821115103085	SARAVANAN.G	30
22	821115103087	SARAVANAN.T	25
23	821115103088	SATHIYA.K	26
24	821115103089	SATHIYA PRIYA.V	15
25	821115103090	SATHIYARAJ.R	19
26	821115103091	SATHIYASEELAN.G	29
27	821115103092	SHALINI DEVI.P	34

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
28	821115103093	SHANTHINI.A	25
29	821115103094	SIRAJUL FIRTHOUSI.M	24
30	821115103095	SUGAPRIYA.B	26
31	821115103096	SURUTHI.R	15
32	821115103097	SURYA KUMAR.K	17
33	821115103098	SUVETHA.P.S	34
34	821115103099	TAMIL ELAKKIYA.R	38
35	821115103100	TAMILKAVI.K	35
36	821115103101	TAMIL MANI.K	31
37	821115103102	VASANTH.S	25
38	821115103103	VASANTHAKUMAR.V	21
39	821115103105	VENKATESAN.M	12
40	821115103106	VENKATESHWARAN.M	06
41	821115103107	VIDHIYASAGAR.B	24
42	821115103108	VIGNESH.M	22
43	821115103109	VIGNESHKUMAR.R	18
44	821115103110	VINOLIYA.P	05
45	821115103111	VINOTH.V	41
46	821115103112	VINOTHAS	42
47	821115103113	VINOTH KUMAR.K	08
48	821115103114	VISHVARAJ.E	14
49	821115103306	PARAMESWARI.S	16
50	821115103312	THARMALINGAM.N	22
51	821115103314	VIGNESH.V	33
52	821115103701	HASSAN.S	24
53	821115103702	SRINI PRIYAN.M	15
54	821115103029	EZHILRAJ.R	19


CDC-INCHARGE 29/9/16


HOD/CIVIL 29/9/16



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-19 /ODD SEMESTER
COMPETENCY DEVELOPMENT CLASS (CDC)-SITE MARKING AND RELATED ACTIVITIES

OUTCOME

- 109 Students of final year from the department of civil engineering have enrolled in "SITE MARKING AND RELATED ACTIVITIES" of competency development class.
- Students were able to do the correct measurement of distances by steel tape.
- Students were able to do the fixing of plot boundaries with the help of location sketches.
- Students were able to do the marking of face line or center line.
- Students facilitate their ability to work collaborately with others.
- Students got improvement and growth opportunities.
- Students were able to undertake a thoughtful self-evaluation.
- Students were able to see themselves as individuals with various abilities and skills, some more developed than others.


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 /ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS(CDC)- CIVIL ENGINEERING MEASUREMENTS

CURRICULUM

CDC NAME : Civil Engineering Measurements
YEAR/SEM : IV CIVIL/VII
BATCH : 2015-2019
DURATION : 30 Hours
TOTAL NO OF STUDENTS : 109
NAME OF THE RESOURCE PERSON : Mr.K.Arun
ASSESSMENT PROCEDURE : Quiz

SECTION I: UNIT MEASUREMENT AND ITS PRINCIPLE

SI Units - CGS units - MKS units - Definitions - Unit conversions - Methods of Measurements - Linear measurements - Angular measurements - Specifications - Quantity measurements - Plan - Drawing measurements - meter to feet conversion - feet to meter conversion.

SECTION 2: UNIT MEASUREMENT OF CIVIL ENGINEERING WORK

Unit measurement of materials - Unit measurement of earthwork - Unit measurement of brick masonry/stone masonry - Unit measurement of concrete work - Unit measurement of wood work - Unit measurement of steel work - Unit measurement of roofing.


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - CIVIL ENGINEERING MEASUREMENTS

STUDENT NAME LIST

CLASS:IV 'A'

DURATION: 15 HOURS

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103001	K.ABARNA	<i>Arabi</i>
2	821115103003	A.AISWARYA	<i>A. Aishwarya</i>
3	821115103004	U.AJAY KRISHNA	<i>U. Ajay Krishna</i>
4	821115103005	S.AJITH	<i>S. Ajith</i>
5	821115103007	M.AJITH KUMAR	<i>M. Ajith Kumar</i>
6	821115103008	J.AKILAN	<i>J. Akilan</i>
7	821115103009	S.AMAR SELVAN	<i>S. Amar Selvan</i>
8	821115103010	V.ANU RUTHRA	<i>V. Anu Ruthra</i>
9	821115103011	A.ANUSHIYA	<i>A. Anushiya</i>
10	821115103012	T.ANUSREE	<i>T. Anusree</i>
11	821115103013	A.ARAVINDHAN	<i>A. Aravindhan</i>
12	821115103014	S.AROCKIA SUSAIRAJ	<i>S. Arockia Susairaj</i>
13	821115103015	A.ARTHI	<i>A. Arthi</i>
14	821115103016	R.ARUN	<i>R. Arun</i>
15	821115103017	G.ARUN KUMAR	<i>G. Arun Kumar</i>
16	821115103018	S.T.ASHWIN	<i>S. T. Ashwin</i>
17	821115103019	R.ASWINI	<i>R. Aswini</i>
18	821115103020	ATCHAYA.A	<i>A. Achaya</i>
19	821115103021	K.BALACHANDAR	<i>K. Balachandar</i>
20	821115103022	S.BALAMURUGAN	<i>S. Balamurugan</i>
21	821115103023	A.G.BALASUBRAMANIAM	<i>A. G. Balasubramaniam</i>
22	821115103024	P.BARGUNAESHWARAN	<i>P. Bargunaeshwaran</i>
23	821115103025	R.BHUVANESHWARI	<i>R. Bhuvaneshwari</i>
24	821115103026	A.DHANALAKSHMI	<i>A. Dhana Lakshmi</i>
25	821115103027	D.DHIVYAPRIYA	<i>D. Divyapriya</i>
26	821115103028	B.R.EZHILMANICKAM	<i>B. R. Ezhilmanickam</i>
27	821115103029	R.EZHILRAJ	<i>R. Ezhilraj</i>
28	821115103030	GANESH ADHITHYA.K	<i>G. Ganesh Adhithya.K</i>
29	821115103031	D.GIRIPRASATH	<i>D. Giriprasath</i>

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
30	821115103032	M.GOPINATH	A. H. H.
31	821115103034	T.S.GOWTHAM	S. Gowtham
32	821115103035	J.HARI HARAN	J. Hari Haran
33	821115103036	M.R.HUMAIRA JASIM	M. R. Humaira Jasim
34	821115103037	E.ISHWARIYA	E. Ishwariya
35	821115103038	C.ISWARYA	C. Iswarya
36	821115103039	S.JAMES MAHAJAN	S. James Mahajan
37	821115103040	M.JANSIRANI	M. Jansirani
38	821115103041	C.JAYALAKSHMI	C. Jayalakshmi
39	821115103042	R.JAYA PRAKASH	R. Jaya Prakash
40	821115103043	G.JOHN	G. John
41	821115103044	K.KALAI SURYA	K. Kalai Surya
42	821115103045	P.KALITHASAN	P. Kalithasan
43	821115103046	T.KAMALA KEERTHANA	T. Kamala Keertana
44	821115103048	R.KARTHI	R. Karthi
45	821115103049	M.KRISHNA DASAN	M. Krishna Dasan
46	821115103050	B.MADHUMATHI	B. Madhumathi
47	821115103051	D.MANIKANDAN	D. Manikandan
48	821115103052	T.MOHAMED HALITH	T. Mohamed Halith
49	821115103053	R.MOHAMED HUSSAIN	R. Mohamed Hussain
50	821115103054	H.MOHAMED IRFHON	H. Mohamed Irfhon
51	821115103057	M.MUTHUKRISHNAN	M. Muthukrishnan
52	821115103059	A.NEKA	A. Neeka
53	821115103060	C.NIKITHA	C. Nikitha
54	821115103301	JAYABHARATHI.R	J. Jayabharathi.R
55	821115103313	VIGNESH.D	V. Vignesh.D


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - CIVIL ENGINEERING MEASUREMENTS

STUDENTS NAME LIST

CLASS:IV 'B'

DURATION: 15 HOURS

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
1	821115103061	NIRMAL GEEDS.P	P.N. Geeds
2	821115103062	NITHYA.C.G	Nithya C.G
3	821115103063	PARAMESHWARAN.D	D. Geed
4	821115103064	PAVITHRA.K	K. Pavithra
5	821115103066	PRASANNA.G	Pragna G.
6	821115103067	PRASATH.N	Prasath N
7	821115103070	PRIYA.L	L. Priya
8	821115103071	RAGUNATH.R	M. Ragunath
9	821115103072	RAGUPATHI.M	M. Ragupathi
10	821115103073	RAM KUMAR.M	M. Ram Kumar
11	821115103074	RAMYA PRIYA.G	G. Ramya Priya
12	821115103075	RANJITH.R	R. Ranjith
13	821115103077	RANJITHA.K	K. Ranjitha
14	821115103078	RASIKA.K	K. Rasika
15	821115103079	RAVIKUMAR.S	S. Ravikumar
16	821115103080	SAHANA.P	P. Sahana
17	821115103081	SAMBASIVAM.S	S. Sambasivam
18	821115103082	SANTHOSH.M.C	M.C. Santhosh
19	821115103083	SANTHOSH KUMAR.S	S. Santhosh Kumar
20	821115103084	SARATHKUMAR.R	R. Sarath Kumar
21	821115103085	SARAVANAN.G	G. Saravanan
22	821115103087	SARAVANAN.T	T. Saravanan
23	821115103088	SATHIYA.K	K. Sathiya
24	821115103089	SATHIYA PRIYA.V	V. Sathiya Priya
25	821115103090	SATHIYARAJ.R	R. Sathiyaraj
26	821115103091	SATHIYASEELAN.G	G. Sathiyaseelan
27	821115103092	SHALINI DEVI.P	P. Shalini Devi

ROLL.NO	REGISTER NO	STUDENT NAME	SIGNATURE
28	821115103093	SHANTHINI.A	
29	821115103094	SIRAJUL FIRTHOUSI.M	M. Sushil
30	821115103095	SUGAPRIYA.B	B. S.P.P.
31	821115103096	SURUTHI.R	R. Sushil
32	821115103097	SURYA KUMAR.K	R. Sushil
33	821115103098	SUVETHA.P.S	P.S. Sushil
34	821115103099	TAMIL ELAKKIYA.R	T. Sushil
35	821115103100	TAMILKAVI.K	K. Sushil
36	821115103101	TAMIL MANI.K	K. Sushil
37	821115103102	VASANTH.S	V. Sushil
38	821115103103	VASANTHAKUMAR.V	V. Sushil
39	821115103105	VENKATESAN.M	V. Sushil
40	821115103106	VENKATESHWARAN.M	M. Sushil
41	821115103107	VIDHIYASAGAR.B	B. Sushil
42	821115103108	VIGNESH.M	M. Sushil
43	821115103109	VIGNESHKUMAR.R	R. Sushil
44	821115103110	VINOLIYA.P	P. Sushil
45	821115103111	VINOTH.V	V. Sushil
46	821115103112	VINOTHA.S	S. Sushil
47	821115103113	VINOTH KUMAR.K	K. Sushil
48	821115103114	VISHVARAJ.E	E. Sushil
49	821115103306	PARAMESWARI.S	S. Sushil
50	821115103312	THARMALINGAM.N	N. Sushil
51	821115103314	VIGNESH.V	V. Sushil
52	821115103701	HASSAN.S	S. Sushil
53	821115103702	SRINI PRIYAN.M	M. Sushil
54	821115103029	EZHILRAJ.R	R. Sushil

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - CIVIL ENGINEERING MEASUREMENTS

ATTENDANCE SHEET

BATCH: 2015-2019

CLASS/SEM: IV'A'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	13/2	23/2	27/2	27/2	27/2		
1	821115103001	K.ABARNA	/	/	/	/	/		
2	821115103003	A.AISWARYA	/	/	/	/	/		
3	821115103004	U.AJAY KRISHNA	/	/	/	/	/		
4	821115103005	S.AJITH	/	/	/	/	/		
5	821115103007	M.AJITH KUMAR	/	/	/	/	AB		
6	821115103008	J.AKILAN	/	/	/	/	/		
7	821115103009	S.AMAR SELVAN	/	/	/	/	/		
8	821115103010	V.ANU RUTHRA	/	/	/	/	/		
9	821115103011	A.ANUSHIYA	/	/	/	/	/		
10	821115103012	T.ANUSREE	/	/	AB	/	/		
11	821115103013	A.ARAVINDHAN	/	/	/	/	/		
12	821115103014	S.AROCKIA SUSAIRAJ	/	/	/	/	/		
13	821115103015	A.ARTHI	/	/	/	/	/		
14	821115103016	R.ARUN	/	/	/	/	/		
15	821115103017	G.ARUN KUMAR	/	/	/	/	/		
16	821115103018	S.T.ASHWIN	AB	/	/	/	/		
17	821115103019	R.ASWINI	/	/	/	/	/		
18	821115103020	ATCHAYA.A	/	/	/	/	/		
19	821115103021	K.BALACHANDAR	/	/	/	/	/		
20	821115103022	S.BALAMURUGAN	/	/	/	/	/		
21	821115103023	A.G.BALASUBRAMANIAM	/	/	/	/	/		
22	821115103024	P.BARGUNAESHWARAN	/	/	/	/	/		
23	821115103025	R.BHUVANESHWARI	/	/	/	/	/		
24	821115103026	A.DHANALAKSHMI	/	/	/	/	/		
25	821115103027	D.DHIVYAPRIYA	/	/	/	AB	/		
26	821115103028	B.R.EZHILMANICKAM	/	/	/	/	/		
27	821115103029	R.EZHILRAJ	/	/	/	/	/		
28	821115103030	GANESH ADHITHYA.K	/	/	/	/	/		
29	821115103031	D.GIRIPRASATH	/	/	/	/	/		
30	821115103032	M.GOPINATH	/	/	/	/	/		
31	821115103034	T.S.GOWTHAM	AB	/	/	/	/		
32	821115103035	J.HARI HARAN	/	/	/	/	/		

ROLL.NO	REGISTER NO	STUDENT NAME	13/12	26/12	27/12	28/12	29/12			
33	821115103036	M.R.HUMAIRA JASIM	/	/	AB	/	/			
34	821115103037	E.ISHWARIYA	/	/	/	/	/			
35	821115103038	C.ISWARYA	/	/	/	/	/			
36	821115103039	S.JAMES MAHAJAN	/	/	/	/	/			
37	821115103040	M.JANSIRANI	/	/	/	/	AB			
38	821115103041	C.JAYALAKSHMI	/	/	/	/	/			
39	821115103042	R.JAYA PRAKASH	/	AB	/	/	/			
40	821115103043	G.JOHN	/	/	/	/	/			
41	821115103044	K.KALAI SURYA	/	/	/	/	/			
42	821115103045	P.KALITHASAN	/	/	/	/	/			
43	821115103046	T.KAMALA KEERTHANA	/	/	/	/	/			
44	821115103048	R.KARTHI	/	/	/	/	/			
45	821115103049	M.KRISHNA DASAN	AB	/	/	/	/			
46	821115103050	B.MADHUMATHI	/	/	/	/	/			
47	821115103051	D.MANIKANDAN	/	/	/	/	/			
48	821115103052	T.MOHAMED HALITH	/	/	/	/	/			
49	821115103053	R.MOHAMED HUSSAIN	/	/	/	/	/			
50	821115103054	H.MOHAMED IRFHON	/	/	/	/	/			
51	821115103305	MUTHUKUMARAN.S	/	/	/	/	/			
52	821115103308	RAGUL.V	/	/	AB	/	/			
53	821115103309	SAMEERUDEEN.S	/	/	/	/	/			
54	821115103311	SIVARANJANI.S	/	/	/	/	/			
55	821115103313	VIGNESH.D	/	/	/	/	AB			


 CDC-INCHARGE
 27/12/18


 HOD/CIVIL
 28/12/18



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - CIVIL ENGINEERING MEASUREMENTS

ATTENDANCE SHEET

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	13/7	21/7	27/7	27/8	29/8	29/8		
1	821115103061	NIRMAL GEEDS.P	/	/	/	/	/	/		
2	821115103062	NITHYA.C.G	/	/	/	/	/	/		
3	821115103063	PARAMESHWARAN.D	/	/	/	/	A	/		
4	821115103064	PAVITHRA.K	/	/	/	/	/	/		
5	821115103066	PRASANNA.G	/	/	/	/	/	/		
6	821115103067	PRASATH.N	/	/	/	/	/	/		
7	821115103070	PRIYA.L	/	/	/	/	/	/		
8	821115103071	RAGUNATH.R	/	/	/	/	/	/		
9	821115103072	RAGUPATHI.M	/	/	/	/	/	/		
10	821115103073	RAM KUMAR.M	/	/	/	/	/	/		
11	821115103074	RAMYA PRIYA.G	A	/	/	/	/	/		
12	821115103075	RANJITH.R	/	/	/	/	/	/		
13	821115103077	RANJITHA.K	/	/	/	/	/	/		
14	821115103078	RASIKA.K	/	/	/	/	A	/		
15	821115103079	RAVIKUMAR.S	/	/	/	/	/	/		
16	821115103080	SAHANA.P	/	/	/	/	/	/		
17	821115103081	SAMBASIVAM.S	/	/	/	/	/	/		
18	821115103082	SANTHOSH.M.C	/	/	/	/	/	/		
19	821115103083	SANTHOSH KUMAR.S	/	/	/	/	/	/		
20	821115103084	SARATHKUMAR.R	/	/	/	/	/	/		
21	821115103085	SARAVANAN.G	/	/	A	/	/	/		
22	821115103087	SARAVANAN.T	/	/	/	/	/	/		
23	821115103088	SATHIYA.K	/	/	/	/	/	/		
24	821115103089	SATHIYA PRIYA.V	/	/	/	/	/	/		
25	821115103090	SATHIYARAJ.R	/	/	/	/	/	/		
26	821115103091	SATHIYASEELAN.G	/	/	/	/	/	/		
27	821115103092	SHALINI DEVI.P	A	/	/	/	/	/		

ROLL.NO	REGISTER NO	STUDENT NAME	23/7	24/7	27/7	24/8	29/8	29/8		
28	821115103093	SHANTHINI.A	/	/	/	/	/	/		
29	821115103094	SIRAJUL FIRTHOUSI.M	/	/	/	/	/	/		
30	821115103095	SUGAPRIYA.B	/	/	/	/	/	/		
31	821115103096	SURUTHI.R	/	/	/	/	/	A		
32	821115103097	SURYA KUMAR.K	/	/	/	/	/	/		
33	821115103098	SUVETHA.P.S	/	/	/	/	/	/		
34	821115103099	TAMIL ELAKKIYA.R	/	/	/	/	/	/		
35	821115103100	TAMILKAVI.K	/	/	A	/	/	/		
36	821115103101	TAMIL MANI.K	/	/	/	/	/	/		
37	821115103102	VASANTH.S	/	/	/	/	/	/		
38	821115103103	VASANTHAKUMAR.V	/	/	/	/	/	/		
39	821115103105	VENKATESAN.M	/	/	/	/	/	/		
40	821115103106	VENKATESHWARAN.M	/	/	/	/	/	/		
41	821115103107	VIDHIYASAGAR.B	/	/	/	/	/	/		
42	821115103108	VIGNESH.M	/	/	/	/	/	/		
43	821115103109	VIGNESHKUMAR.R	A	/	/	/	/	/		
44	821115103110	VINOLIYA.P	/	/	/	A	/	/		
45	821115103111	VINOTH.V	/	/	/	/	/	/		
46	821115103112	VINOTHAS	/	/	/	/	/	/		
47	821115103113	VINOTH KUMAR.K	/	/	/	A	/	/		
48	821115103114	VISHVARAJE	/	A	/	/	/	/		
49	821115103306	PARAMESWARI.S	/	/	/	/	/	/		
50	821115103312	THARMALINGAM.N	/	/	/	/	/	/		
51	821115103314	VIGNESH.V	/	/	/	/	/	/		
52	821115103701	HASSAN.S	A	/	/	/	/	/		
53	821115103702	SRINI PRIYAN.M	/	/	/	/	/	A		
54	821115103029	EZHILRAJ.R	/	/	/	/	/	/		


 CDC-INCHARGE 24/8/18


 HOD/CIVIL 28/8/18



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



ISO 9001
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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - CIVIL ENGINEERING MEASUREMENTS

MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'A'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103001	K.ABARNA	17
2	821115103003	A.AISWARYA	20
3	821115103004	U.AJAY KRISHNA	24
4	821115103005	S.AJITH	14
5	821115103007	M.AJITH KUMAR	34
6	821115103008	J.AKILAN	31
7	821115103009	S.AMAR SELVAN	36
8	821115103010	V.ANU RUTHRA	24
9	821115103011	A.ANUSHIYA	41
10	821115103012	T.ANUSREE	36
11	821115103013	A.ARAVINDHAN	35
12	821115103014	S.AROCKIA SUSAIRAJ	24
13	821115103015	A.ARTHI	21
14	821115103016	R.ARUN	28
15	821115103017	G.ARUN KUMAR	17
16	821115103018	S.T.ASHWIN	19
17	821115103019	R.ASWINI	34
18	821115103020	ATCHAYA.A	21
19	821115103021	K.BALACHANDAR	26
20	821115103022	S.BALAMURUGAN	28
21	821115103023	A.G.BALASUBRAMANIAM	31
22	821115103024	P.BARGUNAESHWARAN	35
23	821115103025	R.BHUVANESHWARI	36
24	821115103026	A.DHANALAKSHMI	38
25	821115103027	D.DHIVYAPRIYA	20
26	821115103028	B.R.EZHILMANICKAM	14
27	821115103029	R.EZHILRAJ	19
28	821115103030	GANESH ADHITHYA.K	14
29	821115103031	D.GIRIPRASATH	24
30	821115103032	M.GOPINATH	25
31	821115103034	T.S.GOWTHAM	28
32	821115103035	J.HARI HARAN	21

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
33	821115103036	M.R.HUMAIRA JASIM	25
34	821115103037	E.ISHWARIYA	35
35	821115103038	C.ISWARYA	16
36	821115103039	S.JAMES MAHAJAN	21
37	821115103040	M.JANSIRANI	5
38	821115103041	C.JAYALAKSHMI	36
39	821115103042	R.JAYA PRAKASH	34
40	821115103043	G.JOHN	19
41	821115103044	K.KALAI SURYA	28
42	821115103045	P.KALITHASAN	17
43	821115103046	T.KAMALA KEERTHANA	15
44	821115103048	R.KARTHI	16
45	821115103049	M.KRISHNA DASAN	24
46	821115103050	B.MADHUMATHI	28
47	821115103051	D.MANIKANDAN	31
48	821115103052	T.MOHAMED HALITH	34
49	821115103053	R.MOHAMED HUSSAIN	38
50	821115103054	H.MOHAMED IRFHON	20
51	821115103305	MUTHUKUMARAN.S	45
52	821115103308	RAGUL.V	32
53	821115103309	SAMEERUDEEN.S	27
54	821115103311	SIVARANJANI.S	34
55	821115103313	VIGNESH.D	41


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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 (ODD)

COMPETENCY DEVELOPMENT CLASS - CIVIL ENGINEERING MEASUREMENTS

STUDENTS MARK STATEMENT

BATCH: 2015-2019

CLASS/SEM: IV'B'/VII

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
1	821115103061	NIRMAL GEEDS.P	27
2	821115103062	NITHYA.C.G	32
3	821115103063	PARAMESHWARAN.D	19
4	821115103064	PAVITHRA.K	27
5	821115103066	PRASANNA.G	38
6	821115103067	PRASATH.N	24
7	821115103070	PRIYA.L	31
8	821115103071	RAGUNATH.R	36
9	821115103072	RAGUPATHI.M	35
10	821115103073	RAM KUMAR.M	38
11	821115103074	RAMYA PRIYA.G	24
12	821115103075	RANJITH.R	26
13	821115103077	RANJITHA.K	40
14	821115103078	RASIKA.K	28
15	821115103079	RAVIKUMAR.S	34
16	821115103080	SAHANA.P	36
17	821115103081	SAMBASIVAM.S	35
18	821115103082	SANTHOSH.M.C	28
19	821115103083	SANTHOSH KUMAR.S	14
20	821115103084	SARATHKUMAR.R	17
21	821115103085	SARAVANAN.G	41
22	821115103087	SARAVANAN.T	16
23	821115103088	SATHIYA.K	32
24	821115103089	SATHIYA PRIYA.V	35
25	821115103090	SATHIYARAJ.R	19
26	821115103091	SATHIYASEELAN.G	14
27	821115103092	SHALINI DEVI.P	35

ROLL.NO	REGISTER NO	STUDENT NAME	MARK OUT OF 50
28	821115103093	SHANTHINI.A	25
29	821115103094	SIRAJUL FIRTHOUSI.M	24
30	821115103095	SUGAPRIYA.B	26
31	821115103096	SURUTHI.R	15
32	821115103097	SURYA KUMAR.K	17
33	821115103098	SUVETHA.P.S	34
34	821115103099	TAMIL ELAKKIYA.R	38
35	821115103100	TAMILKAVI.K	35
36	821115103101	TAMIL MANI.K	31
37	821115103102	VASANTH.S	25
38	821115103103	VASANTHAKUMAR.V	21
39	821115103105	VENKATESAN.M	12
40	821115103106	VENKATESHWARAN.M	06
41	821115103107	VIDHIYASAGAR.B	24
42	821115103108	VIGNESH.M	22
43	821115103109	VIGNESHKUMAR.R	18
44	821115103110	VINOLIYA.P	05
45	821115103111	VINOTH.V	41
46	821115103112	VINOTHA.S	42
47	821115103113	VINOTH KUMAR.K	08
48	821115103114	VISHVARAJ.E	14
49	821115103306	PARAMESWARI.S	16
50	821115103312	THARMALINGAM.N	22
51	821115103314	VIGNESH.V	33
52	821115103701	HASSAN.S	24
53	821115103702	SRINI PRIYAN.M	15
54	821115103029	EZHILRAJ.R	19


CDC-INCHARGE 27/9/18


HOD/CIVIL 27/9/18



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-19 /ODD SEMESTER

COMPETENCY DEVELOPMENT CLASS (CDC)-CIVIL ENGINEERING MEASUREMENTS

OUTCOME

- 109 Students of final year from the department of civil engineering have enrolled in "CIVIL ENGINEERING MEASUREMENTS" of competency development class.
- Students gained more knowledge in unit measurements.
- Students were able to do measurements in building structures.
- Students were able to measure all the site work effectively.
- Students got more field knowledge through the class.
- Students facilitate their ability to work collaborately with others.
- Students were able to undertake a thoughtful self-evaluation.

CDC IN-CHARGE


22/9/18

HOD/CIVIL


29/9/18

SWAYAM COURSE





**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-2019 (ODD SEMESTER)**

SWAYAM COURSE SUMMARY

STUDENT COURSE DETAILS:

S.No	Class	Strength	SWAYAM Course Title	No. of students Completed the Course
1.	II CIVIL	42	GPS Surveying	11
			Earth sciences for Civil Engineering : Part I & II	12
			Advanced Concrete Technology	10
			Reinforced Concrete road bridges	9

K. Ch
19/12/18
IQAC Member

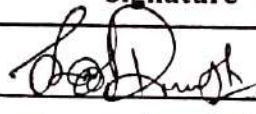
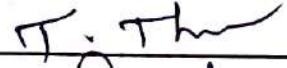
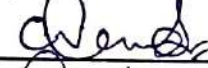

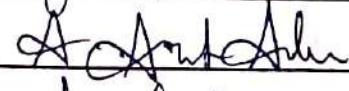
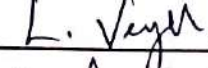


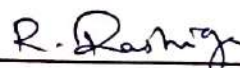
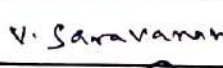
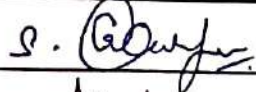

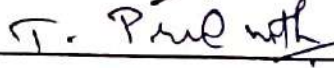

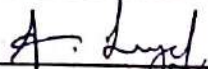
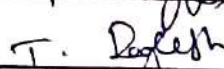
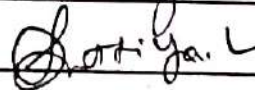
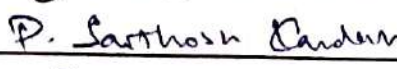
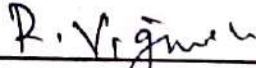
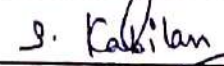
R
19/12/18
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-19 (ODD SEM)
II YEAR CIVIL / IV SEM
SWAYAM COURSE - STUDENT NAMELIST

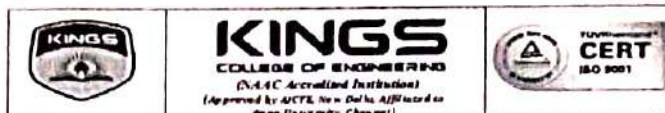
S.No.	Reg. Number	Student Name	Signature
1	821117103001	Aakash Krishna S	<i>S. Aakash</i>
2	821117103002	Antony joe N	<i>N. Antony</i>
3	821117103004	Bagavathi R	<i>R. Bagavathi</i>
4	821117103006	Boobalan A	<i>A. Boobalan</i>
5	821117103007	Gayathri R	<i>R. Gayathri</i>
6	821117103008	Gopalakrishnan M	<i>M. Gopalakrishnan</i>
7	821117103009	Gowthaman T	<i>T. Gowthaman</i>
8	821117103010	Guru swathik KS	<i>K.S. Swathik</i>
9	821117103011	Jayasuriya K	<i>K. Jayasuriya</i>
10	821117103012	Kaushik siva V	<i>V. Kaushik Siva</i>
11	821117103013	Maheshwaran G	<i>G. Maheshwaran</i>
12	821117103014	Mariya K	<i>K. Mariya</i>
13	821117103015	Mohamed nafees M	<i>M. Mohamed Nafees</i>
14	821117103016	Navaneethakrishnan S	<i>S. Navaneethakrishnan</i>
15	821117103018	Nivash M	<i>M. Nivash</i>
16	821117103020	Ram kumar C	<i>C. Ram Kumar</i>
17	821117103021	Ranjith K	<i>K. Ranjith</i>
18	821117103022	Santhosh anandh D	<i>D. Santhosh Anandh</i>
19	821117103023	Shalini S	<i>S. Shalini</i>
20	821117103024	Silambarasan P	<i>P. Silambarasan</i>
21	821117103025	Soundariya M	<i>M. Soundariya</i>
22	821117103027	Surendar KL	<i>L. Surendar</i>

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-19 (ODD SEM)
II YEAR CIVIL / IV SEM
SWAYAM COURSE - STUDENT NAMELIST

S.No.	Reg. Number	Student Name	Signature
23	821117103028	Suriya prashath KS	
24	821117103029	Thamilarasan T	
25	821117103031	Vigneshwaran C	
26	821117103032	Yuvaraj A	
27	LE1	Arokia Alex.K	
28	LE2	Veviyar paul.L	
29	LE3	Arul stalin.A	
30	LE4	Naresh vekkaldasan.K	
31	LE5	Rashiga.R	
32	LE6	Saravanan.V	
33	LE7	Guruharan.S	
34	LE8	Akash.V	
35	LE9	Premanth.T	
36	LE10	Boomidurai.C	
37	LE11	Logesh.A	
38	LE12	Rajesh.T	
39	LE13	Sahittiya.L	
40	LE14	Santhosh kandhan.P	
41	LE15	Vignesh.R	
42	LE16	Kabilan.S	


 CLASS COORDINATOR
 (Mr.K.RANJITH)


 HOD/CIVIL
 (Ms.R.REVATHI)



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-19 (ODD SEM)
II YEAR CIVIL / IV SEM
SWAYAM COURSE DETAILS**

19.12.2018

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
1	821117103001	Aakash Krishna S	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
2	821117103002	Antony joe N	GPS Surveying	4 Weeks	Progress Submitted
3	821117103004	Bagavathi R	Advanced Concrete Technology	12 Weeks	Progress Submitted
4	821117103006	Boobalan A	GPS Surveying	4 Weeks	Progress Submitted
5	821117103007	Gayathri R	GPS Surveying	4 Weeks	Progress Submitted
6	821117103008	Gopalakrishnan M	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
7	821117103009	Gowthaman T	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
8	821117103010	Guru swathik KS	GPS Surveying	4 Weeks	Progress Submitted
9	821117103011	Jayasuriya K	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
10	821117103012	Kaushik siva V	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
11	821117103013	Maheshwaran G	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
12	821117103014	Mariya K	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
13	821117103015	Mohamed nafees M	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
14	821117103016	Navaneethkrishnan S	GPS Surveying	4 Weeks	Progress Submitted
15	821117103018	Nivash M	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
16	821117103020	Ram kumar C	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
17	821117103021	Ranjith K	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
18	821117103022	Santhosh anandh D	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
19	821117103023	Shalini S	GPS Surveying	4 Weeks	Progress Submitted
20	821117103024	Silambarasan P	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
21	821117103025	Soundariya M	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
22	821117103027	Surendar KL	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted

**ACADEMIC YEAR 2018-19 (ODD SEM)
II YEAR CIVIL / IV SEM
SWAYAM COURSE DETAILS**

19.12.2018

S.No.	Reg. Number	Student Name	Swayam Course	Course Duration	Status
23	821117103028	Suriya prashath KS	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
24	821117103029	Thamilarasan T	Advanced Concrete Technology	12 Weeks	Progress Submitted
25	821117103031	Vigneshwaran C	GPS Surveying	4 Weeks	Progress Submitted
26	821117103032	Yuvaraj A	Advanced Concrete Technology	12 Weeks	Progress Submitted
27	LE1	Arokia Alex.K	Advanced Concrete Technology	12 Weeks	Progress Submitted
28	LE2	Veviyar paul.L	Reinforced Concrete Road Bridges	4 Weeks	Progress Submitted
29	LE3	Arul stalin.A	GPS Surveying	4 Weeks	Progress Submitted
30	LE4	Naresh vekkaldasan.K	Advanced Concrete Technology	12 Weeks	Progress Submitted
31	LE5	Rashiga.R	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
32	LE6	Saravanan.V	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
33	LE7	Guruharan.S	Advanced Concrete Technology	12 Weeks	Progress Submitted
34	LE8	Akash.V	Advanced Concrete Technology	12 Weeks	Progress Submitted
35	LE9	Premanth.T	GPS Surveying	4 Weeks	Progress Submitted
36	LE10	Boomidurai.C	Advanced Concrete Technology	12 Weeks	Progress Submitted
37	LE11	Logesh.A	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
38	LE12	Rajesh.T	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
39	LE13	Sahittiya.L	GPS Surveying	4 Weeks	Progress Submitted
40	LE14	Santhosh kandhan P	Advanced Concrete Technology	12 Weeks	Progress Submitted
41	LE15	Vignesh R	Earth Sciences for Civil Engineering: Part I & II	8 Weeks	Progress Submitted
42	LE16	Kabilan.S	GPS Surveying	4 Weeks	Progress Submitted


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GPS SURVEYING

PROF. JAYANTA KUMAR GHOSH

Department of Civil Engineering
IIT Roorkee

TYPE OF COURSE : Rerun | Core | UG

COURSE DURATION : 4 weeks

INTENDED AUDIENCE : BE/ME/BSc/MSc etc

PRE-REQUISITES : Basics of Physics and mathematics upto 12th standard and familiarity with use of computer.

INDUSTRIES APPLICABLE TO : <http://www.gpsinindia.com/directory/gps-surveycompanies-in-india>

COURSE OUTLINE :

The objective of the course is to provide optimal insights into land surveying using GPS (Global Positioning System). The course starts with an introduction to land surveying leading to GPS as the state-of-art for surveying of land. Then, different aspects of GPS systems such as GPS architecture, GPS signals, GPS receivers, GPS software has been discussed followed by GPS positioning & GPS observables. Next, it provides GPS processing fundamentals consisting of pre-processing and processing steps under different processing strategies followed by quality assessment and field procedure of GPS surveying. The course concludes with a detail demonstration of GPS field surveying followed by processing of collected data.

ABOUT INSTRUCTOR :

Prof. Jayanta Kumar Ghosh is working as Associate Professor in the Civil Engineering Department (Geomatics Engineering Group) of Indian Institute of Technology Roorkee. He is engaged in teaching, research and consultancy works in Geomatics engineering for more than 30 years. He is pioneer in introducing courses on GPS surveying in the UG & PG curriculum of Civil Engineering in India, since 1999. He has conducted many short term courses on GPS Surveying for the building professionals as early as 2002. He has more than 85 publications in the International and National journals and conferences of repute. He is member of different National and International technical associations.

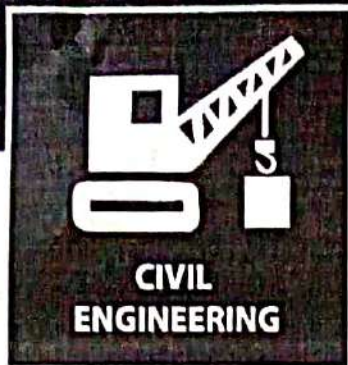
COURSE PLAN :

Week 1: Introduction; GPS System

Week 2: GPS Positioning; GPS Observables

Week 3: GPS Data Processing

Week 4: GPS Field Surveying; GPS Field Data Processing



EARTH SCIENCES FOR CIVIL ENGINEERING PART - I & II



PROF. JAVED MALIK
Department of Civil Engineering
IIT Kanpur

- TYPE OF COURSE** : Rerun | Core | UG/PG
- PRE-REQUISITES** : Basic knowledge of geology is recommended.
- INTENDED AUDIENCE** : UG/PG students of Science and Engineering (especially Earth Sciences).

COURSE DURATION : 8 weeks

COURSE OUTLINE :

The course introduces the student to basic principles of geosciences, geological hazards and their applications in civil engineering. The first 4-week modules of this course will help the student to have better understanding towards interior of the earth, earth system and its process. The next 4 week modules will cover geological hazards and environmental impact, active faults and its related hazard in India, importance of geological structures in dams and tunnels, fluvial geomorphology and ground water, tsunami, landslide and flood hazard, mapping, monitoring and management of hazards.

ABOUT INSTRUCTOR :

Prof. Javed Malik earned his Ph. D in 1998 from M. S. University Baroda, Vadodara, Gujarat (Geology), did Post-Doctorate (Japan Society for Promotion of Science) from (1999-2001) Hiroshima University, Japan. Joined IIT Kanpur in 2001. Area of Specialization: Active Tectonics, Paleoseismology and Paleo-tsunami, Current Areas of Research: Active fault mapping and Paleoseismological studies along NW Himalaya and Kachchh, Paleo-Tsunami studies in Andaman & Nicobar Islands Collaboration with Japan, US and France – related to earthquake and tsunami studies. Research Projects: Active tectonic investigation along northwestern Himalayan foothill zone, sponsored by DST, Active fault mapping and paleoseismic investigations in Kachchh region. Gujarat, by OYO International Japan. Active Tectonic investigations around South-Middle Andaman and Car Nicobar Islands, A&N Islands, sponsored by INCOIS, Hyderabad, MoES.

COURSE PLAN

- Week 1** : Introduction to Geosciences in Civil Engineering, Introduction to Geosciences in Civil Engineering, Plate Tectonics and Continental Drift, Plate Tectonics and Continental Drift, Rock-forming Minerals and their properties
- Week 2** : Rock-forming Minerals and their properties, Rock types and their properties, Rock types and their properties, Rock types and their properties, Rock types and their properties
- Week 3** : Seismology and the internal Structure of the Earth, Seismology and the internal Structure of the Earth, Geological Structure Geological Structures, Geological Structures
- Week 4** : Introduction to Geological Hazards, Introduction to Geological Hazards, Introduction to Geological Hazards, Environmental impacts of Geological hazards, Environmental impacts of Geological hazards
- Week 5** : Active faults and its related hazard in India, Active faults and its related hazard in India, Active faults and its related hazard in India, Active faults Mapping and Applications, Active faults Mapping and Applications
- Week 6** : Tsunami and related hazard, Tsunami and related hazard, Tsunami and related hazard, Landslide and Subsidence, Landslide and Subsidence
- Week 7** : Landslide and Subsidence, Flood and related hazard, Flood and related hazard, Flood and related hazard, Groundwater
- Week 8** : Applications of Earth Sciences In Civil Engineering, Applications of Earth Sciences In Civil Engineering, Civil Engineering applications – geological considerations in Rivers, Civil Engineering applications – geological considerations in Dams, Civil Engineering applications – geological considerations in Tunnels



ADVANCED CONCRETE TECHNOLOGY

PROF. MANU SANTHANAM

Department of Civil Engineering
IIT Madras

TYPE OF COURSE : Rerun | Elective | PG

COURSE DURATION : 12 weeks

INTENDED AUDIENCE : M.E/M.Tech,M.S,PhD,

PRE-REQUISITES : Basic course on Construction Materials in UG level. Additional course on Concrete Technology (UG level) is optional.

INDUSTRIES APPLICABLE TO : Civil contracting firms, Ready mixed concrete companies, Cement companies, Construction chemicals companies, Materials research laboratories etc

COURSE OUTLINE :

This course explores the materials science of concrete, and attempts to bring about the understanding of concrete behavior from a fundamental perspective. The first part of the course discusses the structure and properties of concrete making materials. This is followed by mixture proportioning of high performance concrete, and a study of selected topics regarding fresh and hardened concrete behavior. The final part of the course deals with long term performance issues, related to creep, shrinkage and durability of concrete.

ABOUT INSTRUCTOR :

Dr. Manu Santhanam is a Professor in the Department of Civil Engineering at IIT Madras, where he has worked since October 2001. His primary research interests are in Cement Chemistry, Durability of Concrete and Non-Destructive Evaluation. He has published more than 75 refereed journal papers, and has guided 10 PhD theses, in addition to being lead investigator on several sponsored projects.

COURSE PLAN :

- Week 01** : Cement production and composition
- Week 02** : Cement chemistry
- Week 03** : Aggregates for concrete
- Week 04** : Chemical admixtures
- Week 05** : Chemical and Mineral admixtures
- Week 06** : Mineral admixtures
- Week 07** : High performance concrete mixture proportioning
- Week 08** : Topics in fresh concrete
- Week 09** : Topics in hardened concrete
- Week 10** : Creep and shrinkage
- Week 11** : Durability of concrete
- Week 12** : Durability of concrete



REINFORCED CONCRETE ROAD BRIDGES

PROF. NIRJHAR DHANG
Department of Civil Engineering
IIT Kharagpur

TYPE OF COURSE : Rerun | Elective | UG
COURSE DURATION : 4 weeks

INTENDED AUDIENCE : Students of Civil Engineering

INDUSTRIES APPLICABLE TO : This course will be recognized by design consultancy firms and construction industries.

COURSE OUTLINE :

In this course, reinforced concrete road bridges are taken up as these bridges are mainly used in road transportation system. This course will mainly focus on reinforced concrete slab bridges spanning in the range of 8-12m. Reinforced concrete T beam bridges will also be covered spanning in the range of 15-25m. The course will be introduced with general design considerations, design limit states. Different loading conditions will be discussed introducing IRC codes. Behaviour of concrete will also be discussed. Design of slab bridges and RC T beam bridges will be carried out in a systematic manner.

ABOUT INSTRUCTOR :

Prof. Nirjhar Dhang (born 1962) is currently Professor of the Department of Civil Engineering, Indian Institute of Technology, Kharagpur, where he teaches Bridge Engineering, Structural Health Monitoring & Control, Design of Reinforced Concrete Structures. He works in the field of structural engineering particularly in the area of concrete, structural health monitoring & control and railway bridges applicable for high speed rail. He has done many consultancy and research project work.

COURSE PLAN :

- Week 01** : Introduction, design considerations, loads and IRC codes
- Week 02** : Flexural and shear strength of reinforced concrete members
- Week 03** : Solid slab bridge design
- Week 04** : T-beam bridge design

MY CREDIT COURSE





DEPARTMENT OF CIVIL ENGINEERING

MY CREDIT COURSE ON STAAD PRO

YEAR/SEMESTER: IV / VIII

PREPARED BY
Mrs.M.PRIYA, AP/CIVIL

STAAD PRO

UNIT - I OVERVIEW OF STAAD PRO 4

Introduction about STAAD.Pro - Description - Objectives - Structural Engineering - Types of Structures - Unit systems - Geometry & coordinate Systems - Staad Elements - Support specifications

UNIT - II MODEL GENERATION 2D FRAME 4

Creating new file - methods of creating model - Model generation - using staad editor - using Geometry method

UNIT - III MODEL GENERATION 3D FRAME 4

Introduction about 3D frame - Methods of creating model- model generation using STADD.editor

UNIT- IV ANALYSIS AND DESIGN OF OVERHEAD WATER TANK 4

Assigning the Material - Specifying Member Properties - Material Constants -Specifying Supports - Specifying Loads - Analysis Types - Post Analysis Print Command - Run Analysis - Post Processing Mode

UNIT- V ANALYSIS AND DESIGN OF ROOF TRUSS 4

Introduction about Roof Truss - Support Coordinates - Load Defining -Geometry Modeling Considerations- Wind load analysis.

TOTAL: 20 PERIODS



SIGNATURE OF STAFF INCHARGE



HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018 - 2019 / EVEN SEMESTER
MYCREDIT COURSE SYLLABUS

COURSE NAME: STAAD PRO.

- This course is structured in a simple way to chase the elements starting from basic concepts to more direct applications.
- The course will enable building experts to get ahead in the learning curve of Structure Analyzing and Designing. A system that is currently fascinating the industry, of which there is a demand for skilled persons.

COURSE OBJECTIVE

1. To automate their tasks by removing the tedious and long procedures of the manual methods.
2. To learn the concepts of steps involved in structural analysis and design of concrete & steel.
3. To analyze and design virtually any type of structure.
4. To know about flexible modeling environment, advanced features, and fluent data collaboration

TEXT BOOKS

T1. STAAD.PRO V8i Reference Guide

SOFTWARE: Staad Pro V8i

WEB RESOURCES

W1. www.staadpro.info/staadpro-tutorial/

W2. [www.lynda.com/staadpro-tutorials/staadpro-2016-Essential- Training-Metric/370805-2.html](http://www.lynda.com/staadpro-tutorials/staadpro-2016-Essential-Training-Metric/370805-2.html)

W3. www.cad-notes.com/category/staadpro-articles

W4. www.udemy.com/staadpro-for-beginners/

Power Point Presentation (PPT)

P1. [http://www.slideshare.net/niict/staad pro](http://www.slideshare.net/niict/staad-pro)

P2. [http://www.slideshare.net/ryanabarton/staadpro for beginners- Presentation](http://www.slideshare.net/ryanabarton/staadpro-for-beginners-Presentation)

P3. https://gullnet.endicott.edu/ICS/icsfs/intro_staad.ppt?target=c0625e96-ceg5-584a-wedr-5h12589ui682

Topic No	Topic	Books for Reference	Page No.	No. of Hours Required	Cumulative No. of periods
UNIT I OVERVIEW OF STAAD PRO					(4)
1.	Introduction about STAAD.Pro	T1	1-2	1	1
2.	Types of structures	T1			
3.	Coordinate systems	T1	4	1	2
4.	Staad Elements	T1	7-10	2	4

LEARNING OUTCOME

At the end of unit, students will be able to

- Describe the types of structures
- Work with different types of staad elements
- Explore the Staad pro user interface
- Start a new project with new templates.

UNIT II MODEL GENERATION 2D FRAME (4)

5.	Creating New File	T1	12-14	1	5
6.	Methods of creating model	T1	15-16	2	7
7.	Model Generation using Staad editor	T1	17-18		
8.	Model Generation using Geometry method	T1	19-23	1	8

LEARNING OUTCOME

At the end of unit, students will be able to

- Create a new file using staad commands
- Can create a new model
- Generate models using staad editor, Geometry method & Structure wizard
- Can easily use staad pro with model editing tools

UNIT III MODEL GENERATION 3D FRAME (4)

Topic No	Topic	Books for Reference	Page No.	No. of Hours Required	Cumulative No. of periods
9.	Introduction about 3D frame	T1	42 -43	2	10
10.	Methods of creating model	T1	44 -47		
11.	Model Generation using Staad editor	T1	48-51	2	12

LEARNING OUTCOME

At the end of unit, students will be able to

- Add and modify Loads for the project
- Know about the different types of floors and their properties
- Use different types of loads as per the requirements
- Create and modify section with different load combinations

UNIT IV ANALYSIS AND DESIGN OF OVERHEAD WATER TANK (4)

12.	Assigning the Material & Specifying Member Properties	T1	68-69	2	14
13.	Material Constants & Specifying supports	T1	70-71	1	15
14.	Specifying loads, Analysis types	T1	72-73		
15.	Post Analysis	T1	74	1	16
16.	Run Analysis & Post processing	T1	75-76		

LEARNING OUTCOME

At the end of unit, students will be able to

- Inputting informations and generating 3D models
- Assign materials and specify properties of members
- Can specify loads and run analysis
- Work in post processing mode

UNIT V ANALYSIS AND DESIGN OF ROOF TRUSS (4)

17.	Introduction about roof truss	T1	77-78	2	18
18.	Support Coordinates & Load Defining	T1	79-81'		
19.	Geometry Modeling Considerations	T1	84-85	1	19
20.	Wind load analysis	T1	93-94	1	20

LEARNING OUTCOME

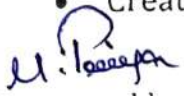
At the end of unit, students will be able to

- Understand the concepts of foundation
- Assign support coordinates and loads
- Under the concepts of plate shell elements
- Can design shear walls, slabs, water tanks & Staircase

COURSE OUTCOME

At the end of the course, the students will be able to

- Design and analyse the structural components without manual calculations.
- Describe the concepts of loading and support systems.
- Create Flexible models with advance features and as per the requirements.
- Create structurally challenging buildings with architectural advancement


Prepared by


Verified By
HOD/CIVIL

Approved by
PRINCIPAL



KINGS
COLLEGE OF ENGINEERING
(N.A.C. Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)



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ISO 9001

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2018 - 2019) EVEN SEMESTER
(BATCH 2015-2019)

YEAR/SEC/SEM:IV / A / VIII

STUDENTS NAME LIST

TOTAL STRENGTH: 55

ROLL.N O	REGISTER NO	STUDENT NAME	ROLL.N O	REGISTER NO	STUDENT NAME
1	821115103001	K.ABARNA	29	821115103035	J.HARI HARAN
2	821115103003	A.AISWARYA	30	821115103036	M.R.HUMAIRA JASIM
3	821115103004	U.AJAY KRISHNA	31	821115103037	E.ISHWARIYA
4	821115103005	S.AJITH	32	821115103038	C.ISWARYA
5	821115103007	M.AJITH KUMAR	33	821115103040	M.JANSIRANI
6	821115103008	J.AKILAN	34	821115103041	C.JAYALAKSHMI
7	821115103009	S.AMAR SELVAN	35	821115103042	R.JAYA PRAKASH
8	821115103010	V.ANU RUTHRA	36	821115103043	G.JOHN
9	821115103011	A.ANUSHIYA	37	821115103046	T.KAMALA KEERTHANA
10	821115103012	T.ANUSREE	38	821115103048	R.KARTHI
11	821115103013	A.ARAVINDHAN	39	821115103049	M.KRISHNA DASAN
12	821115103014	S.AROCKIA SUSAIRAJ	40	821115103050	B.MADHUMATHI
13	821115103015	A.ARTHI	41	821115103051	D.MANIKANDAN
14	821115103016	R.ARUN	42	821115103052	T.MOHAMED HALITH
15	821115103018	S.T.ASHWIN	43	821115103053	R.MOHAMED HUSSAIN
16	821115103019	R.ASWINI	44	821115103054	H.MOHAMED IRFON
17	821115103020	ATCHAYA.A	45	821115103056	M.MULLESVARAN
18	821115103021	K.BALACHANDAR	46	821115103057	M.MUTHUKRISHNAN
19	821115103022	S.BALAMURUGAN	47	821115103059	A.NEKA
20	821115103024	P.BARGUNAESHWARAN	48	821115103060	C.NIKITHA
21	821115103025	R.BHUVANESHWARI	49	821115103301	JAYABHARATHI.R
22	821115103026	A.DHANALAKSHMI	50	821115103305	MUTHUKUMARAN.S
23	821115103027	D.DHIVYAPRIYA	51	821115103308	RAGUL.V
24	821115103028	B.R.EZHILMANICKAM	52	821115103309	SAMEERUDEEN.S
25	821115103030	GANESH ADHITHYA.K	53	821115103311	SIVARANJANI.S
26	821115103031	D.GIRIPRASATH	54	821115103313	VIGNESH.D
27	821115103032	M.GOPINATH	55	821115103315	VIGNESHWARAN.S
28	821115103034	T.S.GOWTHAM			

CLASS COORDINATOR
(Mr.MANIMUHILAN.M)

HOD/CIVIL
(Mrs.REVATHI.R)



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2018 - 2019) EVEN SEMESTER
(BATCH 2015-2019)

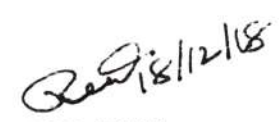
NAMELIST

YEAR/SEC/SEM:IV / B / VIII

TOTAL STRENGTH:57

ROLL. NO	REGISTER NO	STUDENT NAME	ROLL. NO	REGISTER NO	STUDENT NAME
1	821115103061	NIRMAL GEEDS.P	30	821115103097	SURYA KUMAR.K
2	821115103062	NITHYA.C.G ✓	31	821115103098	SUVETHA.P.S
3	821115103063	PARAMESHWARAN.D	32	821115103099	TAMIL ELAKKIYA.R
4	821115103064	PAVITHRA.K ✓	33	821115103100	TAMILKAVI.K
5	821115103066	PRASANNA.G	34	821115103101	TAMIL MANI.K
6	821115103067	PRASATH.N	35	821115103102	VASANTH.S
7	821115103072	RAGUPATHI.M	36	821115103103	VASANTHAKUMAR.V
8	821115103073	RAM KUMAR.M	37	821115103105	VENKATESAN.M
9	821115103074	RAMYA PRIYA.G	38	821115103106	VENKATESHWARAN.M
10	821115103075	RANJITH.R	39	821115103107	VIDHIYASAGAR.B
11	821115103077	RANJITHA.K	40	821115103108	VIGNESH.M
12	821115103078	RASIKA.K ✓	41	821115103109	VIGNESHKUMAR.R
13	821115103079	RAVIKUMAR.S	42	821115103110	VINOLIYA.P
14	821115103080	SAHANA.P	43	821115103111	VINOTH.V ✓
15	821115103081	SAMBASIVAM.S ✓	44	821115103112	VINOTHA.S
16	821115103082	SANTHOSH.M.C	45	821115103113	VINOTH KUMAR.K
17	821115103083	SANTHOSH KUMAR.S	46	821115103114	VISHVARAJ.E ✓
18	821115103084	SARATHKUMAR.R ✓	47	821115103115	VIVEK.S
19	821115103085	SARAVANAN.G	48	821115103302	JAYAPRAKASH.R ✓
20	821115103087	SARAVANAN.T ✓	49	821115103303	JEYABAL.K
21	821115103088	SATHIYA.K	50	821115103304	MANIKANDAN.K
22	821115103089	SATHIYA PRIYA.V	51	821115103306	PARAMESWARI.S
23	821115103090	SATHIYARAJ.R	52	821115103312	THARMALINGAM.N
24	821115103091	SATHIYASEELAN.G	53	821115103314	VIGNESH.V
25	821115103092	SHALINI DEVI.P	54	821115103701	HASSAN.S
26	821115103093	SHANTHINI.A	55	821115103702	SRINI PRIYAN.M
27	821115103094	SIRAJUL FIRTHOUSI.M	56	821115103029	EZHILRAJ.R
28	821115103095	SUGAPRIYA.B	57	821115103044	KALAISURYA.K ✓
29	821115103096	SURUTHI.R			


CLASS COORDINATOR
(Mr.R.SUNDHARAM)


HOD/CIVIL
(MS.R.REVATHI)

<p>1. An R.C.C. beam of 6 m span is 30 cm wide and has a lever arm of 55 cm. If it carries a U.D.L. of 12 t per m and allowable shear stress is 5 kg/cm², the beam</p> <p>(A) Is safe in shear</p> <p>(B) Is safe with stirrups</p> <p>(C) Is safe with stirrups and inclined bars</p> <p><input checked="" type="radio"/> (D) Needs revision of section</p>	<p>2. In case the factor of safety against sliding is less than 1.5, a portion of slab is constructed downwards at the end of the heel slab, which is known as</p> <p>(A) A key</p> <p>(B) A cut-off wall</p> <p>(C) A rib</p> <p><input checked="" type="radio"/> (D) All the above</p>
<p>3. According to I.S. : 456, slabs which span in two directions with corners held down, are assumed to be divided in each direction into middle strips and edge strips such that the width of the middle strip, is</p> <p>(A) Half of the width of the slab</p> <p>(B) Two-third of the width of the slab</p> <p><input checked="" type="radio"/> (C) Three-fourth of the width of the slab</p> <p>(D) Four-fifth of the width of the slab</p>	<p>4. Lapped splices in tensile reinforcement are generally not used for bars of size larger than</p> <p>(A) 18 mm diameter</p> <p>(B) 24 mm diameter</p> <p>(C) 30 mm diameter</p> <p><input checked="" type="radio"/> (D) 36 mm diameter</p>
<p>5. The load stress of a section can be reduced by</p> <p>(A) Decreasing the lever arm</p> <p>(B) Increasing the total perimeter of bars</p> <p><input checked="" type="radio"/> (C) Replacing larger bars by greater number of small bars</p> <p>(D) Replacing smaller bars by greater bars</p>	<p>6. Minimum spacing between horizontal parallel reinforcement of the same size should not be less than</p> <p><input checked="" type="radio"/> (A) One diameter</p> <p>(B) 2.5 diameters</p> <p>(C) 3 diameters</p> <p>(D) 3.5 diameters</p>
<p>7. The maximum ratio of span to depth of a slab simply supported and spanning in one direction, is</p> <p>(A) 35</p> <p>(B) 25</p> <p><input checked="" type="radio"/> (C) 30</p> <p>(D) 20</p>	<p>8. For a ribbed slab</p> <p>(A) Clear spacing between ribs shall not be greater than 4.5 cm</p> <p>(B) Width of the rib shall not be less than 7.5 cm</p> <p>(C) Overall depth of the slab shall not exceed four times the breadth of the rib</p> <p><input checked="" type="radio"/> (D) All the above</p>
<p>9. If the width of the foundation for two equal columns is restricted, the shape of the footing generally adopted, is</p> <p>(A) Square</p>	<p>10. A very comfortable type of stairs is</p> <p>(A) Straight</p> <p>(B) Dog legged</p>

<p>(B) Rectangular</p> <p>(C) Trapezoidal</p> <p>(D) Triangular</p>	<p>(C) Geometrical</p> <p>(D) Open newel</p>
<p>11. The floor slab of a building is supported on reinforced cement floor beams. The ratio of the end and intermediate spans is kept</p> <p>(A) 0.7</p> <p>(B) 0.8</p> <p>(C) 0.9</p> <p>(D) 0.6</p>	<p>12. Columns may be made of plain concrete if their unsupported lengths do not exceed their least lateral dimension</p> <p>(A) Two times</p> <p>(B) Three times</p> <p>(C) Four times</p> <p>(D) Five times</p>
<p>13. Pick up the correct statement from the following:</p> <p>(A) Lateral reinforcement in R.C.C. columns is provided to prevent the longitudinal reinforcement from buckling</p> <p>(B) Lateral reinforcement prevents the shearing of concrete on diagonal plane</p> <p>(C) Lateral reinforcement stops breaking away of concrete cover, due to buckling</p> <p>(D) All the above</p>	<p>14. The width of the flange of a L-beam, should be less than</p> <p>(A) One-sixth of the effective span</p> <p>(B) Breadth of the rib + four times thickness of the slab</p> <p>(C) Breadth of the rib + half clear distance between ribs</p> <p>(D) Least of the above</p>
<p>15. A pre-stressed concrete member is preferred because</p> <p>(A) Its dimensions are not decided from the diagonal tensile stress</p> <p>(B) Large size of long beams carrying large shear force need not be adopted</p> <p>(C) Removal of cracks in the members due to shrinkage</p> <p>(D) All the above</p>	<p>16. A foundation is called shallow if its depth, is</p> <p>(A) One-fourth of its width</p> <p>(B) Half of its width</p> <p>(C) Three-fourth of its width</p> <p>(D) Equal to its width</p>
<p>17. A flat slab is supported</p> <p>(A) On beams</p> <p>(B) On columns</p> <p>(C) On beams and columns</p> <p>(D) On columns monolithically built with slab</p>	<p>18. A pre-stressed concrete member</p> <p>(A) Is made of concrete</p> <p>(B) Is made of reinforced concrete</p> <p>(C) Is stressed after casting</p> <p>(D) Possesses internal stresses</p>
<p>19. The horizontal portion of a step in a stairs case, is known as</p> <p>(A) Rise</p> <p>(B) Flight</p> <p>(C) Winder</p>	<p>20. The toe projection of foundation slabs is taken</p> <p>(A) As one third of the base</p> <p>(B) As one sixth of overall height of the wall</p> <p>(C) Equal to heel slab</p> <p>(D) Below ground surface</p>

(D) Tread	
<p>21. The advantage of a concrete pile over a timber pile, is</p> <p>(A) No decay due to termites</p> <p>(B) No restriction on length</p> <p>(C) Higher bearing capacity</p> <p>(D) All the above</p>	<p>22. The radius of a bar bend to form a hook, should not be less than</p> <p>(A) Twice the diameter</p> <p>(B) Thrice the diameter</p> <p>(C) Four times the diameter</p> <p>(D) Five times the diameter</p>
<p>23. A circular slab subjected to external loading, deflects to form</p> <p>(A) Semi-hemisphere</p> <p>(B) Ellipsoid</p> <p>(C) Paraboloid</p> <p>(D) None of these</p>	<p>24. The shear reinforcement in R.C.C. is provided to resist</p> <p>(A) Vertical shear</p> <p>(B) Horizontal shear</p> <p>(C) Diagonal compression</p> <p>(D) Diagonal tension</p> <p><i>Resist shear / diagonal tension</i></p>
<p>25. Steel beam theory is used for</p> <p>(A) Design of simple steel beams</p> <p>(B) Steel beams encased in concrete</p> <p>(C) Doubly reinforced beams ignoring compressive stress in concrete</p> <p>(D) Beams if shear exceeds 4 times allowable</p>	

M. Praveen

SUBJECT INCHARGE

[Signature]

HEAD OF THE DEPARTMENT

KINGS COLLEGE OF ENGINEERING
ASSESSMENT TEST – I (JANUARY -2019)

MCC

CLASS : IV CIVIL

DATE & SESSION: 24.01.2019/FN

MAXIMUM MARKS: 50

TIME: 9.20-10.00 AM

Answer all the questions. Each question carries 2marks.

(25*2 = 50 marks)

<p>1. An R.C.C. beam of 6 m span is 30 cm wide and has a lever arm of 55 cm. If it carries a U.D.L. of 12 t per m and allowable shear stress is 5 kg/cm², the beam</p> <p>(A) Is safe in shear</p> <p>(B) Is safe with stirrups</p> <p>(C) Is safe with stirrups and inclined bars</p> <p>(D) Needs revision of section</p>	<p>2. In case the factor of safety against sliding is less than 1.5, a portion of slab is constructed downwards at the end of the heel slab, which is known as</p> <p>(A) A key</p> <p>(B) A cut-off wall</p> <p>(C) A rib</p> <p>(D) All the above</p>
<p>3. According to I.S. : 456, slabs which span in two directions with corners held down, are assumed to be divided in each direction into middle strips and edge strips such that the width of the middle strip, is</p> <p>(A) Half of the width of the slab</p> <p>(B) Two -third of the width of the slab</p> <p>(C) Three-fourth of the width of the slab</p> <p>(D) Four-fifth of the width of the slab</p>	<p>4. Lapped splices in tensile reinforcement are generally not used for bars of size larger than</p> <p>(A) 18 mm diameter</p> <p>(B) 24 mm diameter</p> <p>(C) 30 mm diameter</p> <p>(D) 36 mm diameter</p>
<p>5. The load stress of a section can be reduced by</p> <p>(A) Decreasing the lever arm</p> <p>(B) Increasing the total perimeter of bars</p> <p>(C) Replacing larger bars by greater number of small bars</p> <p>(D) Replacing smaller bars by greater bars</p>	<p>6. Minimum spacing between horizontal parallel reinforcement of the same size should not be less than</p> <p>(A) One diameter</p> <p>(B) 2.5 diameters</p> <p>(C) 3 diameters</p> <p>(D) 3.5 diameters</p>
<p>7. The maximum ratio of span to depth of a slab simply supported and spanning in one direction, is</p> <p>(A) 35</p> <p>(B) 25</p> <p>(C) 30</p> <p>(D) 20</p>	<p>8. For a ribbed slab</p> <p>(A) Clear spacing between ribs shall not be greater than 4.5 cm</p> <p>(B) Width of the rib shall not be less than 7.5 cm</p> <p>(C) Overall depth of the slab shall not exceed four times the breadth of the rib</p> <p>(D) All the above</p>
<p>9. If the width of the foundation for two equal columns is restricted, the shape of the footing generally adopted, is</p> <p>(A) Square</p>	<p>10. A very comfortable type of stairs is</p> <p>(A) Straight</p> <p>(B) Dog legged</p>

<p>(B) Rectangular</p> <p>(C) Trapezoidal</p> <p>(D) Triangular</p>	<p>(C) Geometrical</p> <p>(D) Open newel</p>
<p>11. The floor slab of a building is supported on reinforced cement floor beams. The ratio of the end and intermediate spans is kept</p> <p>(A) 0.7</p> <p>(B) 0.8</p> <p>(C) 0.9</p> <p>(D) 0.6</p>	<p>12. Columns may be made of plain concrete if their unsupported lengths do not exceed their least lateral dimension</p> <p>(A) Two times</p> <p>(B) Three times</p> <p>(C) Four times</p> <p>(D) Five times</p>
<p>13. Pick up the correct statement from the following.</p> <p>(A) Lateral reinforcement in R.C.C. columns is provided to prevent the longitudinal reinforcement from buckling</p> <p>(B) Lateral reinforcement prevents the shearing of concrete on diagonal plane</p> <p>(C) Lateral reinforcement stops breaking away of concrete cover, due to buckling</p> <p>(D) All the above</p>	<p>14. The width of the flange of a L-beam, should be less than</p> <p>(A) One-sixth of the effective span</p> <p>(B) Breadth of the rib + four times thickness of the slab</p> <p>(C) Breadth of the rib + half clear distance between ribs</p> <p>(D) Least of the above</p>
<p>15. A pre-stressed concrete member is preferred because</p> <p>(A) Its dimensions are not decided from the diagonal tensile stress</p> <p>(B) Large size of long beams carrying large shear force need not be adopted</p> <p>(C) Removal of cracks in the members due to shrinkage</p> <p>(D) All the above</p>	<p>16. A foundation is called shallow if its depth, is</p> <p>(A) One-fourth of its width</p> <p>(B) Half of its width</p> <p>(C) Three-fourth of its width</p> <p>(D) Equal to its width</p>
<p>17. A flat slab is supported</p> <p>(A) On beams</p> <p>(B) On columns</p> <p>(C) On beams and columns</p> <p>(D) On columns monolithically built with slab</p>	<p>18. A pre-stressed concrete member</p> <p>(A) Is made of concrete</p> <p>(B) Is made of reinforced concrete</p> <p>(C) Is stressed after casting</p> <p>(D) Possesses internal stresses</p>
<p>19. The horizontal portion of a step in a stairs case, is known as</p> <p>(A) Rise</p> <p>(B) Flight</p> <p>(C) Winder</p> <p>(D) Tread</p>	<p>20. The toe projection of foundation slabs is taken</p> <p>(A) As one third of the base</p> <p>(B) As one sixth of overall height of the wall</p> <p>(C) Equal to heel slab</p> <p>(D) Below ground surface</p>

<p>21. The advantage of a concrete pile over a timber pile, is</p> <ul style="list-style-type: none">(A) No decay due to termites(B) No restriction on length(C) Higher bearing capacity(D) All the above	<p>22. The radius of a bar bend to form a hook, should not be less than</p> <ul style="list-style-type: none">(A) Twice the diameter(B) Thrice the diameter(C) Four times the diameter(D) Five times the diameter
<p>23. A circular slab subjected to external loading, deflects to form</p> <ul style="list-style-type: none">(A) Semi-hemisphere(B) Ellipsoid(C) Paraboloid(D) None of these	<p>24. The shear reinforcement in R.C.C. is provided to resist</p> <ul style="list-style-type: none">(A) Vertical shear(B) Horizontal shear(C) Diagonal compression(D) Diagonal tension
<p>25. Steel beam theory is used for</p> <ul style="list-style-type: none">(A) Design of simple steel beams(B) Steel beams encased in concrete(C) Doubly reinforced beams ignoring compressive stress in concrete(D) Beams if shear exceeds 4 times allowable	

KINGS COLLEGE OF ENGINEERING
ASSESSMENT TEST – II (FEBRUARY -2019)
MCC - STAAD.PRO

CLASS : IV CIVIL
MAXIMUM MARKS: 50

DATE & SESSION: 22.02.2019/FN
TIME: 9.20-10.50 AM

ANSWER ALL THE QUESTIONS

1 (a) Proposed building site location is in Thanjavur and the size of the site is 2400 sq.ft. Proposed site is residential building with G+2. Draw with standard specifications, **(20)**

- (i) Plan of the building
- (ii) Elevation
- (iii) Centre line diagram

(OR)

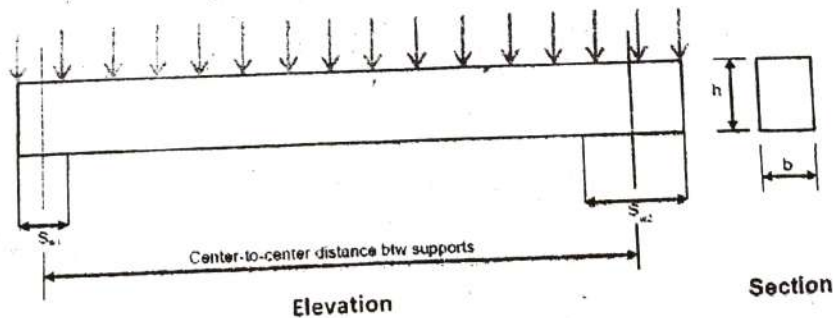
1. (b) Proposed building site location is in Thanjavur and the size of the site is 4800 sq.ft. Proposed site is commercial building with G+2. Draw with standard specifications, **(20)**

- (i) Plan of the building
- (ii) Elevation
- (iii) Centre line diagram

2. (a) Design a simply supported reinforced concrete rectangular beam whose centre to centre distance between supports is 8 m and supported on brick walls of 300 mm thickness. The beam is subjected to imposed loads of 7.0 kN/m. **(15)**

(OR)

(b) A rectangular beam simply supported at both ends as shown below. Design the reinforcement and check if the deflection is acceptable or not. Design parameters Beam overall depth, $h = 750$ mm Beam breadth, $b = 300$ mm c/c distance btw supports = 9 050 mm Width of LHS support, $S_{w1} = 400$ mm Width of RHS support, $S_{w2} = 850$ mm $f_{cu} = 35$ MPa $f_y = 500$ MPa $f_{yv} = 250$ MPa Cover = 35 mm Preferred bar size = 40 Preferred link size = 10 Design Load (udl), $w = 60$ kN/m (S/W included) **(15)**



3. (a) Design the reinforcement to be provided in the short column is subjected to $P_u = 2000$ kN, $M_{ux} = 130$ kNm (about the major principal axis) and $M_{uy} = 120$ kNm (about the minor principal axis). The unsupported length of the column is 3.2 m, width $b = 400$ mm and depth $D = 500$ mm. Use M 25 and Fe 415 for the design. **(15)**

(OR)

Attendance Particulars

Roll No.	Name	Date	24			31			7			21		
		Month	12			12			12			1		
		Period	2	3	4	2	3	4	2	3	4	3		
			/	/	/	/	/	/	/	/	/	/	/	/
26	GIRIPRASATH.D	/	/	/	/	/	/	/	/	/	/	/		
27	GOPINATH.M	A	A	A	/	/	/	/	/	/	/	/		
28	GOWTHAM.T.S	/	/	/	/	/	/	A	A	A	A	A		
29	HARI HARAN.J	A	A	A	/	/	/	/	/	/	/	/		
30	HUNAIRA JASIN.M.R	/	/	/	/	/	/	/	/	/	/	/		
31	ISHWARIYA.E	/	/	/	A	A	A	/	/	/	/	/		
32	ISWARYA.C	/	/	/	/	/	/	/	/	/	/	/		
33	JANSIRANI.M	/	/	/	/	/	/	/	/	/	/	/		
34	JAYALAKSHMI.C	/	/	/	/	/	/	/	/	/	/	/		
35	JAYA PRAKASH.R	A	A	A	/	/	/	/	/	/	/	/		
36	JOHN.G	A	A	A	A	A	A	/	/	/	/	/		
37	KANALA KEERTHANA.T	/	/	/	/	/	/	/	/	/	/	/		
38	KARTHI.R	A	A	A	A	A	A	/	/	/	/	/		
39	KRISHNA DASAN.M	A	A	A	/	/	/	/	/	/	/	/		
40	MADHUMATHI.B	/	/	/	/	/	/	/	/	/	/	/		
41	MANIKANDAN.D	A	A	A	/	/	/	/	/	/	/	/		
42	MOHAMED HALITH.T	/	/	/	/	/	/	/	/	/	/	/		
43	MOHAMED HUSSAIN.R	A	A	A	/	/	/	/	/	/	/	/		
44	MOHAMED IRFON.H.	A	A	A	/	/	/	/	/	/	/	/		
45	MULLESVARAN.M	/	/	/	/	/	/	/	/	/	/	/		
46	MUTHUKRISHNAN.M	/	/	/	A	A	A	/	/	/	/	/		
47	NEKA.A	/	/	/	/	/	/	/	/	/	/	/		
48	NIKITHA.C	/	/	/	/	/	/	/	/	/	/	/		
49	JAYABHARATHI.R	/	/	/	/	/	/	/	/	/	A	A		
50	MUTHUKUMARAN.S	A	A	A	/	/	/	/	/	/	/	/		

Roll No.	11			18				
	28			02				
	2	3	4	2	3	4		
	/	/	/	/	/	/		
26	/	A	A	A	/	/	/	/
27	/	A	A	A	/	/	/	/
28	/	A	A	A	A	A	/	/
29	/	/	/	/	/	/	/	/
30	/	/	/	/	/	/	A	/
31	/	/	/	A	A	A	/	/
32	/	/	/	/	/	/	/	/
33	/	/	/	A	A	A	/	/
34	//	/	/	/	/	/	/	/
35	/	A	A	A	/	/	/	/
36	/	/	/	/	/	/	/	/
37	/	/	/	/	/	/	/	/
38	/	/	/	/	/	/	/	/
39	/	A	A	A	/	/	/	/
40	/	/	/	/	/	/	/	/
41	/	/	/	/	/	/	/	/
42	/	/	/	A	/	/	/	/
43	/	A	A	A	A	A	/	/
44	/	/	/	A	/	/	/	/
45	/	A	A	A	/	/	/	/
46	/	/	/	/	/	/	A	/
47	//	/	/	/	/	/	/	/
48	/	/	/	/	/	/	/	/
49	/	/	/	A	A	A	/	/
50	/	/	/	/	/	/	/	/

Attendance Particulars													
Roll No.	Name	Date	8	2	22	29			9				
		Month	01		01	01							
		Period	2	3	4	3	4	2	3	4	2	3	
1	NIRNAL GEEDS.P	/	/	/	/	/	/	/	/	/	/	/	
2	NITHYA.C.G (TC)	/	/	/	A	A	A	A	A	A	A	A	
3	PARAMESHWARAN.D	/	/	/	/	/	/	/	/	/	/	/	
4	PANITHA.K	/	/	/	/	/	/	/	/	/	/	/	
5	PRASANNA.G	/	/	/	/	/	/	/	/	/	/	/	
6	PRASATH.N	/	/	/	/	/	/	/	/	/	/	/	
7	RAGUPATHI.M	A	A	A	/	/	/	/	/	A	A		
8	RAM KUMAR.M	/	/	/	/	/	/	/	/	/	/	/	
9	RANYA PRIYA.G	/	/	/	/	/	/	/	/	/	/	/	
10	RANJITH.R	/	/	/	/	/	A	A	A	A	A		
11	RANJITHA.K	/	/	/	/	/	/	/	/	/	/	/	
12	RASIKA.K	/	/	/	/	/	/	/	/	/	/	/	
13	RAVIKUMAR.S	/	/	/	/	/	/	/	/	/	/	/	
14	SAHANA.P	/	/	/	/	/	/	/	/	/	/	/	
15	SAMBASIVAM.S	/	/	/	A	A	/	/	/	/	/	/	
16	SANTHOSH.N.C	/	/	/	/	/	/	/	/	/	/	/	
17	SANTHOSH KUMAR.S	/	/	/	/	/	/	/	/	/	/	/	
18	SARATHKUMAR.R	/	/	/	/	/	A	A	A	/	/	/	
19	SARAVANAN.G	/	/	/	/	/	/	/	/	/	/	/	
20	SARAVANAN.T	A	A	A	/	/	A	A	A	/	/	/	
21	SATHIYA.K	/	/	/	/	/	/	/	/	A	A		
22	SATHIYA PRIYA.V	/	/	/	/	/	/	/	/	/	/	/	
23	SATHIYA RAJ.R	/	/	/	/	/	/	/	/	/	/	/	
24	SATHIYASEELAN.G	/	/	/	/	/	/	/	/	/	/	/	
25	SHALINI DEVI.P	/	/	/	/	/	/	/	/	/	/	/	

Roll No.		12		26					
		02		02					
		4	2	3	2	3			
1	/	/	/	/	/				
2	A	/	/	A	A				
3	/	/	/	A	A				
4	/	/	/	/	/				
5	/	A	A	/	/				
6	/	/	/	/	/				
7	A	/	/	/	/				
8	/	A	A	A	A				
9	/	/	/	OD	OD				
10	A	/	/	/	/				
11	/	/	/	/	/				
12	/	/	/	/	/				
13	/	/	/	A	A				
14	/	/	/	/	/				
15	/	/	/	A	A				
16	/	/	/	/	/				
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18	/	/	/	/	/				
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20	/	/	/	A	A				
21	A	/	/	/	/				
22	/	/	/	/	/				
23	/	/	/	A	A				
24	/	/	/	/	/				
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Attendance Particulars

Roll No.	Name	Date											
		8			22			29			5		
		01			01			01			02		
		Period											
		2	3	4	3	4	2	3	4	2	3	4	
26	SHANTHINI.A	/	/	/	/	/	/	/	/	/	/	/	
27	SIRAJUL FIRTHOUSI.M	/	/	/	/	/	/	/	/	/	/	/	
28	SUGARPIYA .B	/	/	/	/	/	/	/	/	/	/	/	
29	SURUTHI.R	/	/	/	/	/	/	/	/	/	/	/	
30	SURYA KUNAR.K	/	/	/	/	/	/	/	/	/	/	/	
31	SUVETHA .P.S	A	A	A	/	/	/	/	/	/	/	/	
32	TANIL ELAKKIYA.R	/	/	/	/	/	/	/	/	/	/	/	
33	TAMILKAVI.K	/	/	/	/	/	/	/	/	/	/	/	
34	TAMILMANI.K	/	/	/	/	/	/	/	/	/	/	/	
35	VASANTH.S	/	/	/	/	/	/	/	/	/	/	/	
36	VASANTHAKUNAR.V	/	/	/	/	/	/	/	/	/	/	/	
37	VENKATESAN.M	A	A	A	/	/	/	/	/	/	/	/	
38	VENKATESHWARAN.M	A	A	A	/	/	/	/	/	/	/	/	
39	VIDHIYASAGAR.B	/	/	/	/	/	/	/	/	/	/	/	
40	VIGNESH.H	A	A	A	/	/	/	/	/	/	/	/	
41	VIGNESHKUNAR.R	/	/	/	A	A	/	/	/	/	/	/	
42	VINOLIYA.P	/	/	/	/	/	/	/	/	/	/	/	
43	VINOTH.V	/	/	/	/	/	A	A	A	/	/	/	
44	VINOTHA.S	/	/	/	/	/	/	/	/	/	/	/	
45	VINOTH KUNAR.K	/	/	/	/	/	/	/	/	A	A	A	
46	VISHVARAJ.E (TC)	/	/	/	A	A	A	A	A	A	A	A	
47	VIVEK.S	/	/	/	/	/	/	/	/	/	/	/	
48	JAYAPRAKASH.R (TC)	/	/	/	A	A	A	A	A	A	A	A	
49	JEYABAL.K	/	/	/	/	/	/	/	/	A	A	A	
50	MANIKANDAN.K	/	/	/	/	/	/	/	/	A	A	A	

Roll No.	Date						
	12		26				
	02		02				
		Period					
	2	3	3	4			
26	/	/	A	A			
27	/	/	DD	DD			
28	/	/	/	/			
29	/	/	/	/			
30	/	/	/	/			
31	/	/	/	/			
32	/	/	/	/			
33	/	/	/	/			
34	/	/	/	/			
35	/	/	/	/			
36	/	/	/	/			
37	A	A	A	A			
38	/	/	A	A			
39	/	/	/	/			
40	/	/	/	/			
41	/	/	/	/			
42	/	/	/	/			
43	/	/	/	/			
44	A	A	/	/			
45	/	/	/	/			
46	/	/	A	A			
47	A	A	A	A			
48	/	/	A	A			
49	A	A	A	A			
50	/	/	/	/			

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-2019 (EVEN SEMESTER)
MCC FEEDBACK REPORT

E-Excellent, VG-Very Good, G-Good, F-Fair

NO	STUDENT NAME	THEORY SESSION				PRACTICAL SESSION				QUERIES & INTERACTION			
		E	VG	G	F	E	VG	G	F	E	VG	G	F
1	K.ABARNA			✓			✓						
2	A.AISWARYA				✓			✓			✓	✓	
3	U.AJAY KRISHNA				✓	✓		✓					
4	S.AJITH				✓			✓					
5	M.AJITH KUMAR			✓				✓					
6	J.AKILAN			✓				✓					
7	S.AMAR SELVAN	✓				✓		✓					
8	V.ANU RUTHRA				✓	✓		✓				✓	
9	A.ANUSHIYA				✓	✓		✓					
10	T.ANUSREE			✓		✓		✓					
11	A.ARAVINDHAN				✓	✓		✓					
12	S.AROCKIA SUSAIRAJ				✓	✓		✓					
13	A.ARTHI			✓		✓		✓					
14	R.ARUN				✓	✓		✓					
15	S.T.ASHWIN				✓	✓		✓					
16	R.ASWINI			✓		✓		✓					
17	ATCHAYA.A			✓		✓		✓					
18	K.BALACHANDAR			✓		✓		✓					
19	S.BALAMURUGAN				✓	✓		✓					
20	P.BARGUNAESHWARAN			✓	✓	✓		✓					
21	R.BHUVANESHWARI			✓		✓		✓					
22	A.DHANALAKSHMI	✓				✓		✓					
23	D.DHIVYAPRIYA				✓	✓		✓					
24	B.R.EZHILMANICKAM			✓	✓	✓		✓					
25	GANESH ADHITHYA.K				✓	✓		✓					
26	D.GIRIFRASATH				✓	✓		✓					
27	M.GOPINATH				✓	✓		✓					
28	T.S.GOWTHAM	✓			✓	✓		✓					
29	J.HARI HARAN			✓		✓		✓					
30	M.R.HUMAIRA JASIM			✓		✓	✓	✓					
31	E.ISHWARIYA				✓	✓		✓					
32	C.ISWARYA			✓		✓		✓					
33	M.JANSIRANI				✓	✓		✓					
34	C.JAYALAKSHMI			✓		✓		✓					
35	R.JAYA PRAKASH				✓	✓		✓					
36	G.JOHN			✓		✓		✓					

Abanay,
 Akshay,
 Ajay Krishna
 Akshay
 M. Ajith
 J. Akilan
 S. Amar Selvan
 V. Anuruthra
 G. Anushika
 A. Anushika
 T. Anusree
 A. Aravindhan
 S. Arockia Susairaj
 A. Arthi
 R. Arun
 Q. Ashwin
 S. T. Ashwin
 R. Aswini
 R. Atchaya
 R. Balachand
 P. Balamurugan
 P. Bargunaeshwaran
 R. Bhuvaneshwari
 K. Dhivya
 A. Dhivalakshmi
 A. Dhivya
 D. Dhivya
 B. R. Ezhilmanickam
 K. Ganesh Adhithya
 D. Girifrasath
 M. Gopinath
 T. S. Gowtham
 J. Hari Haran
 F. Humaira
 M. R. Humaira Jasim
 E. Ishwariya
 C. Iswarya
 C. Iswarya
 M. Jansirani
 C. Jayalakshmi
 R. Jaya Prakash
 G. John

37	T.KAMALA KEERTHANA	✓			✓			✓	
38	R.KARTHI	✓			✓			✓	
39	M.KRISHNA DASAN		✓			✓		✓	
40	B.MADHUMATHI	✓			✓			✓	
41	D.MANIKANDAN			✓		✓		✓	
42	T.MOHAMED HALITH			✓		✓		✓	
43	R.MOHAMED HUSSAIN		✓		✓			✓	
44	H.MOHAMED IRFHON		✓		✓			✓	
45	M.MULLESVARAN			✓		✓		✓	
46	M.MUTHUKRISHNAN		✓			✓		✓	
47	A.NEKA	✓			✓			✓	
48	C.NIKITHA	✓			✓			✓	
49	JAYABHARATHI.R		✓		✓			✓	
50	MUTHUKUMARAN.S	✓			✓			✓	
51	RAGUL.V	✓			✓			✓	
52	SAMEERUDEEN.S		✓		✓			✓	
53	SIVARANJANI.S	✓			✓			✓	
54	VIGNESH.D		✓		✓			✓	
55	VIGNESHWARAN.S		✓		✓			✓	

T. Kamala
 Keerthana
 R. Karthi
 M. Krishna Dasan
 B. Madhumathi
 D. Manikandan
 T. Mohamed Halith
 R. Mohamed Hussain
 H. Mohamed Irfhon
 M. Mulesvaran
 M. Muthukrishnan
 A. Neka
 C. Nikitha
 Jayabharathi.R
 Muthukumar.S
 Ragul.V
 Sameerudeen.S
 Sivaranjani.S
 S. Vignesh.D
 S. Vigneshwaran.S

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2018-2019 (EVEN SEMESTER)
MCC FEEDBACK REPORT

E-Excellent, VG-Very Good, G-Good, F-Fair

NO	STUDENT NAME	THEORY SESSION				PRACTICAL SESSION				QUERIES & INTERACTION			
		E	VG	G	F	E	VG	G	F	E	VG	G	F
1	NIRMAL GEEDS.P			✓				✓			✓		
2	NITHYA.C.G												
3	PARAMESHWARAN.D		✓					✓				✓	
4	PAVITHRA.K		✓			✓					✓		
5	PRASANNA.G			✓				✓			✓		
6	PRASATH.N	✓					✓				✓		
7	PRIYA.L												
8	RAGUNATH.R												
9	RAGUPATHI.M			✓			✓					✓	
10	RAM KUMAR.M		✓				✓					✓	
11	RAMYA PRIYA.G		✓				✓				✓		
12	RANJITH.R			✓				✓				✓	
13	RANJITHA.K			✓				✓				✓	
14	RASIKA.K			✓				✓				✓	
15	RAVIKUMAR.S		✓			✓						✓	
16	SAHANA.P			✓				✓				✓	
17	SAMBASIVAM.S		✓					✓				✓	
18	SANTHOSH.M.C		✓			✓					✓		
19	SANTHOSH KUMAR.S			✓				✓				✓	
20	SARATHKUMAR.R		✓					✓			✓		
21	SARAVANAN.G		✓			✓						✓	
22	SARAVANAN.T			✓				✓			✓		
23	SATHIYA.K			✓				✓				✓	
24	SATHIYA PRIYA.V			✓				✓				✓	
25	SATHIYARAJ.R			✓				✓				✓	
26	SATHIYASEELAN.G			✓				✓				✓	

P. S. S. S.

D. S. S. S.

K. P. S. S.

C. P. S. S.

N. P. S. S.

M. S. S. S.

M. S. S. S.

M. S. S. S.

G. S. S. S.

P. S. S. S.

K. S. S. S.

K. S. S. S.

P. S. S. S.

P. S. S. S.

S. S. S. S.

M. C. S. S.

S. S. S. S.

P. S. S. S.

G. S. S. S.

T. S. S. S.

K. S. S. S.

V. S. S. S.

S. S. S. S.

G. S. S. S.



A NAAC ACCREDITED INSTITUTION

KINGS
COLLEGE OF ENGINEERING



Recognized by UGC 2(f) &12(B)
Approved by AICTE New Delhi, Affiliated to Anna University, Chennai
Punalkulam, Thanjavur-613303

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. _____
has attended My Credit Course (MCC) on "STADD.PRO"
organized by the Department of Civil Engineering during
19/12/2018 - 26/02/2019.

CO-ORDINATOR

HOD-CIVIL

PRINCIPAL

ACADEMIC

YEAR

2017-2018

MY CREDIT COURSE





DEPARTMENT OF CIVIL ENGINEERING

**MY CREDIT COURSE
ON
REVIT ARCHITECTURE**

YEAR/SEMESTER: IV / VIII

**PREPARED BY
Ms. D.SHARMILA / AP
Mr. K.RANJITH / AP**



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi Affiliated to
Anna University, Chennai)



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2017-2018

MY CREDIT COURSE

NAME OF THE COURSE	: Revit Architecture
SOFTWARE	: Autodesk Revit Architecture 2014
DURATION	: 20 Hours
RESOURCE PERSON	: CAD Academy & Internal Staffs
BENEFICIARIES	: Final Year Students

ADVANTAGES FOR STUDENTS:

- Quality training within the campus
- Training as per the industry need
- Semester wise batches help to utilize the software resources available in campus
- Learning the latest software
- More Placement opportunity for students.

REVIT ARCHITECTURE

UNIT - I	BUILDING MODELING & REVIT BASICS	4
<p>Introduction - Building information modeling - Bidirectional Associativity - User interface - Design bar - Building elements & Families - Projects - Default project template - File types - Vector & Raster data - Toposurfaces.</p>		
UNIT - II	DESIGN & BASICS OF BUILDING MODEL	4
<p>Floor plan - Temporary dimensions - Drawing aids - Creating and Modifying - Levels - Grid Lines - Adding and Modifying - Walls - Editing and preventing wall joins - Structural walls and Foundations - Modifying - compound and vertically compound walls - Layers - Edit toolbar - Tools toolbar - Adding and Modifying - Doors - Windows</p>		
UNIT - III	BUILDING COMPONENTS & VIEWING THE MODEL	4
<p>Creating and modifying - Component Families - Managing view - Creating - Editing - Properties - Templates - views - Controlling object visibility - Modifying Line styles - User Defined filters- Working with section and elevation views - Creating and modifying 3D views - Camera view.</p>		
UNIT- IV	DIMENSIONS, CONSTRAINTS & DEVELOPING MODEL	4
<p>Working with dimensions - Temporary - Permanent - Applying and removing constraints - Creating and modifying floors - Adding and Modifying - Ceilings - Roofs - Process of sketching roofs - Curtain walls, Grids and Mullions - Modifying Curtain grids - Creating stairs and Railings.</p>		
UNIT- V	DRAFTING, CONSTRUCTION DOCUMENTATION & PRESENTING MODEL	4
<p>Creating callout views - Working with Text and Tags - Detail views - Drafting views - Creating and modifying schedules - Room schedules - Legends and key notes - working with drawing sheets - Title blocks - Managing Revisions - Creating Renderings - Walkthrough - Sun and Shadow setting.</p>		
TOTAL: 20 PERIODS		


SIGNATURE OF STAFF INCHARGE


HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

COURSE PLAN

COURSE NAME: Revit Architecture

- This course is structured in easy to follow modules starting from basic concepts to more immediate applications.
- The course will enable construction professionals get ahead in the learning curve of Building Information Modeling. A system that is currently gripping the industry, of which there is a demand for competent professionals.

COURSE OBJECTIVE

1. To learn the concepts of basic information modeling and parametric relationships
2. To study the various levels, grids and component families
3. To learn the views, dimensions and constraints
4. To present the building model using rendering.

TEXT BOOKS

T1. Revit Architecture, 2008 Autodesk, Inc. 111 McInnis Parkway San Rafael, CA94903, USA

SOFTWARE: Autodesk Revit Architecture 2014 version

WEB RESOURCES

W1. www.revittutorials.info/revit-architecture-tutorial/

W2. www.lynda.com/Revit-architecture-tutorials/Revit-Architecture-2016-Essential-Training-Metric/370802-2.html

W3. www.cad-notes.com/category/revit-articles

W4. www.udemy.com/revit-architecture-for-beginners/

Power Point Presentation (PPT)

P1. <http://www.slideshare.net/niict/revit-architecture>

P2. <http://www.slideshare.net/ryanabarton/revit-and-building-information-modeling-bim-presentation>

P3. https://gullnet.endicott.edu/ICS/icsfs/intro_revit_9.ppt?target=b0514d84-bef2-464a-bcda-8f42927ae668

Topic No	Topic	Books for Reference	Page No.	No. of Hours Required	Cumulative No. of periods
UNIT I BUILDING MODELING & REVIT BASICS					(4)
1.	Introduction, Building Information modeling	T1,P3	1-5	1	1
2.	Bidirectional Associativity	T1	6-8		
3.	User interface, Design bar	T1	10-18	1	2
4.	Building elements & Families	T1	19-27		
5.	Projects, Default project template	T1	28-33	1	3
6.	File types	T1	34-35		
7.	Vector & Raster data	T1	35-36	1	4
8.	Toposurfaces	T1	37-41		
LEARNING OUTCOME					
At the end of unit, students will be able to					
<ul style="list-style-type: none"> • Describe Building Information modeling methodology • Work with different types of Revit elements and Families • Explore the Revit Architecture user interface • Start a new project with new templates. 					
UNIT II DESIGN & BASICS OF BUILDING MODEL					(4)
9.	Basic Floor Plan, Temporary Dimensions, Drawing Aids	T1	44-52	1	5
10.	Creating and Modifying Levels	T1	53-61		
11.	Creating and Modifying Grid Lines	T1	62-72	1	6
12.	Adding and Modifying Walls, Editing and Preventing Wall Joins	T1	74-83		
13.	Structural walls and Foundations	T1	83-98	1	7
14.	Modifying compound and vertically compound walls, Layers	T1	100-116		
15.	Edit toolbar, Tools toolbar	T1	118-125	1	8
16.	Adding and Modifying Doors	T1	127-132		
17.	Adding and Modifying Windows	T1	133-140		
LEARNING OUTCOME					
At the end of unit, students will be able to					
<ul style="list-style-type: none"> • Create a floor plan view and place building elements in it • Create and modify levels in a building model • Work with grids and create column grids • Add and modify walls, doors and windows. 					
UNIT III BUILDING COMPONENTS & VIEWING THE MODEL					(4)
18.	Creating and modifying Component Families	T1	142-158	1	9

Topic No	Topic	Books for Reference	Page No.	No. of Hours Required	Cumulative No. of periods
19.	Managing view , Creating and Editing views	T1	160-166		
20.	View Properties and View Templates	T1	166-178	1	10
21.	Controlling object visibility	T1	180-183		
22.	Modifying Line styles, User Defined filters	T1	183-189	1	11
23.	Working with section and elevation views	T1	191-202		
24.	Creating and modifying 3D views, Camera view	T1	204-218	1	12

LEARNING OUTCOME

At the end of unit, students will be able to

- Add and modify component families in a project
- Explore the different views displayed in project browser & change their properties
- Use object visibility settings and filters to control the visibility of objects
- Create and modify section, Elevation and 3D views.

UNIT IV DIMENSIONS, CONSTRAINTS & DEVELOPING MODEL**(4)**

25.	Working with dimensions, Temporary and Permanent Dimensions	T1	220-234	1	13
26.	Applying and removing constraints	T1	235-246		
27.	Creating and modifying floors	T1	248-261	1	14
28.	Adding and Modifying Ceilings	T1	263-271		
29.	Adding and Modifying Roofs Process of sketching roofs	T1	273-284	1	15
30.	Curtain walls, Grids, Mullions, Modifying Curtain grids	T1	286-300	1	16
31.	Creating stairs and Railings.	T1	302-312		

LEARNING OUTCOME

At the end of unit, students will be able to

- Place dimensions in a building model
- Apply and remove constraints in a building model
- Create and modify floors
- Add and modify ceilings, roofs and curtain walls in building model
- Create stairs, add railings to the stairs and change the properties of stairs and railings.

UNIT V DRAFTING, CONSTRUCTION DOCUMENTATION & PRESENTING MODEL**(4)**

32.	Creating callout views	T1	315-320	1	17
33.	Working with Text and Tags, Detail views, Drafting views	T1	322-360		
34.	Creating and modifying schedules , Room schedules	T1	362-390	1	18
35.	Creating Legends and key notes	T1	393-408		
36.	working with drawing sheets and Title blocks	T1	410-427	1	19
37.	Managing Revisions	T1	429-439		

38.	Creating Renderings	T1	440-449		
39.	Walkthrough	T1	450-457		
40.	Sun and Shadow setting	T1	458-467	1	20

LEARNING OUTCOME

At the end of unit, students will be able to

- Annotate a model with text and tags
- Create rooms, room schedules, and material takeoffs
- Create and modify drawing sheets and print drawing sheets and views
- Create a rendering and walkthrough for a building model.

COURSE OUTCOME

At the end of the course, the students will be able to

- Describe Building information modeling, bidirectional Associativity and parametric relationships.
- Describe the user interface, and explain parametric objects and families.
- Create basic floor plan, floors and ceilings, roofs and curtain walls, stairs and railings in a building model.
- Create callout views rooms and room schedules, legends, and keynotes.
- Present the building model using rendering, walkthroughs, and sun and shadows settings.



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2017 - 2018) EVEN SEMESTER
MY CREDIT COURSE - ASSESSMENT TEST - I

YEAR/SEC/SEM: IV / A / VIII

TOTAL STRENGTH: 58

DATE: 11.1.18 (9.30-11.30 a.m)

(BATCH 2014-2018)

ROLL NO	REG.NO	STUDENT NAME	SIGNATURE
1	821114103001	ABDULHAKKIM. S	P. Abdulhakim
2	821114103002	ABDUL WAHAB.S	Sulhad wahab
3	821114103003	ABINAYA. M	Abinaya M ISI 2/2 11/1/18
4	821114103004	AJITH. C	C. Ph.
5	821114103005	AJITH. N	N-A
6	821114103006	AJITH KUMAR.R	B. B. K. S.
7	821114103007	AJITHKUMAR. A	Ajith Kumar
8	821114103008	AJITHKUMAR. C	C. Ajith Kumar
9	821114103009	AJITH KUMAR. K	K. D. Kumar
10	821114103010	ANANDHA	A. Anandha
11	821114103011	ANANTH. C	A. Ananth
12	821114103013	ANBARASAN.S	S. Anbarasan
13	821114103014	ARUN.K	A. Arun
14	821114103015	ARUN.T	Arun T
15	821114103016	ARUN KUMAR. R	R. Arun Kumar
16	821114103017	BALAJI. R	R. Balaji
17	821114103018	BALA KUMARAN.R	R. Balakumaran
18	821114103019	BALASUBRAMANIYAN. P	P. Balasubramanian
19	821114103020	BHARATHI. E	E. B. Bharathi
20	821114103021	BHARATHI. L	L. Bharathi
21	821114103022	DHAVANESHWAR.S	AB

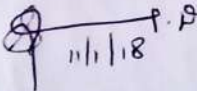
ROLL NO	REG.NO	STUDENT NAME	SIGNATURE
22	821114103023	DINESH. B	<i>D. Dinesh</i>
23	821114103024	DURGADEVI. A	<i>A. Durgadevi</i>
24	821114103025	EDHAYA. G	<i>G. Edhaya</i>
25	821114103026	GOPIKRISHNAN. M	<i>M. Gopikrishnan</i>
26	821114103027	GUNASEELAN. G	<i>G. Gunaseelan</i>
27	821114103028	GUNASEELAN. K	<i>K. Gunaseelan</i>
28	821114103029	GURU PRABHAKARAN	<i>K.R. Prabakaran</i>
29	821114103030	HARIHARA SUDHAN	<i>C. Hariharan</i>
30	821114103031	HARIKRISHNAN. V	<i>AB</i>
31	821114103032	INDIRA KUMAR. M	<i>M. Indira Kumar</i>
32	821114103033	JOELROGAN. D	<i>D. Joelrogan</i>
33	821114103034	KALAISELVI. R	<i>AB</i>
34	821114103035	KAMAL RAJ.M	<i>M. Kamal Raj</i>
35	821114103036	KAVI PRIYA. D	<i>D. Kavipriya</i>
36	821114103038	MANIKANDAN.P	<i>P. Manikandan</i>
37	821114103039	MANIMUTHU. K	<i>K. Manimuthu</i>
38	821114103040	MANI RAJA.G	<i>G. Maniraja</i>
39	821114103041	MATHUMITHA. B	<i>B. Mathumitha</i>
40	821114103042	MOHAMED ASHIQ.Z	<i>Z. Mohamed Ashiq</i>
41	821114103043	MOHAMED AZARUTHEEN	<i>A. Mohamed Azarutheen</i>
42	821114103044	MOHAN RAJ.K	<i>K. Mohan Raj</i>
43	821114103045	MONISH. G.K	<i>G. Monish</i>
44	821114103047	MUKILAN DURAI	<i>S. Mukilan Durai</i>
45	821114103048	MUKIL KUMAR. M	<i>M. Mukil Kumar</i>
46	821114103049	NANDHINI. S	<i>S. Nandhini</i>
47	821114103050	NETHAJI. M	<i>M. Nethaji</i>
48	821114103051	NINDHIYA.D	<i>D. Nindhya</i>
49	821114103052	NITHIKA CHARAN.P	<i>P. Nithika Charan</i>
50	821114103053	NIVASSUDHAN.R	<i>R. Nivassudhan</i>
51	821114103054	PANDIYAN.M	<i>M. Pandiyan</i>

ROLL NO	REG.NO	STUDENT NAME	SIGNATURE
52	821114103055	PAVITHRAA.T	T Pavithraa.
53	821114103056	PRABHAKAR.N	N.P. abhi
54	821114103057	PRAGADEESVARAN. S	S. Pragadees.
55	821114103058	PRAKASH RAJ. R	R. Prakashraj
56	821114103059	PRASANNA VENKATESH.S	S. Prasantha
57	821114103060	PRASANTH. D	D. Pranth
58	821114103061	PRASATH. M	M. Prasad

TOTAL NO OF STUDENTS =58

TOTAL NO OF STUDENTS PRESENT=

TOTAL NO OF STUDENTS ABSENT=


 11/1/18 P.S
 SUBJECT INCHARGE


 HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2017 - 2018) EVEN SEMESTER
MY CREDIT COURSE - MARKS STATEMENT
ASSESSMENT TEST-I

YEAR/SEC/SEM:IV / A / VIII
 DATE: 11.1.18

TOTAL STRENGTH:58
 (BATCH 2014-2018)

ROLL NO	REG.NO	STUDENT NAME	MARKS
1	821114103001	ABDULHAKKIM. S	56
2	821114103002	ABDUL WAHAB.S	54
3	821114103003	ABINAYA. M	49
4	821114103004	AJITH. C	47
5	821114103005	AJITH. N	38
6	821114103006	AJITH KUMAR.R	37
7	821114103007	AJITHKUMAR. A	60
8	821114103008	AJITHKUMAR. C	58
9	821114103009	AJITH KUMAR. K	63
10	821114103010	ANANDH.A	64
11	821114103011	ANANTH. C	59
12	821114103013	ANBARASAN.S	66
13	821114103014	ARUN.K	62
14	821114103015	ARUN.T	62
15	821114103016	ARUN KUMAR. R	61
16	821114103017	BALAJI. R	66
17	821114103018	BALA KUMARAN.R	65
18	821114103019	BALASUBRAMANIYAN. P	50
19	821114103020	BHARATHI. E	60
20	821114103021	BHARATHI. L	38
21	821114103022	DHAVANESHWAR.S	AB
22	821114103023	DINESH. B	62
23	821114103024	DURGADEVI. A	48
24	821114103025	EDHAYA. G	48
25	821114103026	GOPIKRISHNAN. M	56
26	821114103027	GUNASEELAN. G	42
27	821114103028	GUNASEELAN.K	60
28	821114103029	GURU PRABHAKARAN	58

29	821114103030	HARIHARA SUDHAN		60
30	821114103031	HARIKRISHNAN. V	AB	
31	821114103032	INDIRA KUMAR. M		52
32	821114103033	JOELROGAN. D		58
33	821114103034	KALAISELVI. R	AB	
34	821114103035	KAMAL RAJ.M		53
35	821114103036	KAVI PRIYA. D		50
36	821114103038	MANIKANDAN.P		58
37	821114103039	MANIMUTHU. K		57
38	821114103040	MANI RAJA.G		38
39	821114103041	MATHUMITHA. B		49
40	821114103042	MOHAMED ASHIQ.Z		57
41	821114103043	MOHAMED AZARUTHEEN		54
42	821114103044	MOHAN RAJ.K		39
43	821114103045	MONISH. G.K		56
44	821114103047	MUKILAN DURAI		40
45	821114103048	MUKIL KUMAR. M	AB	
46	821114103049	NANDHINI. S		64
47	821114103050	NETHAJI. M		47
48	821114103051	NINDHIYA.D	AB	
49	821114103052	NITHIKA CHARAN.P		55
50	821114103053	NIVASSUDHAN.R		41
51	821114103054	PANDIYAN.M		68
52	821114103055	PAVITHRAA.T		58
53	821114103056	PRABHAKAR.N		57
54	821114103057	PRAGADEESVARAN. S		39
55	821114103058	PRAKASH RAJ. R		40
56	821114103059	PRASANNA VENKATESH.S		90
57	821114103060	PRASANTH. D		56
58	821114103061	PRASATH. M		46

TOTAL NO OF STUDENTS =58

TOTAL NO OF STUDENTS PRESENT=53

TOTAL NO OF STUDENTS ABSENT=05

18/1/18
SUBJECT INCHARGE

HOD/CIVIL



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2017 - 2018) EVEN SEMESTER
MY CREDIT COURSE - MARKS STATEMENT
ASSESSMENT TEST-II

YEAR/SEC/SEM:IV / A / VIII
DATE: 1.2.18

TOTAL STRENGTH:58
(BATCH 2014-2018)

ROLL NO	REG.NO	STUDENT NAME	SIGNATURE	MARKS
1	821114103001	ABDULHAKKIM. S	S. Abdulhakim	53
2	821114103002	ABDUL WAHAB.S	S. Wahab	44
3	821114103003	ABINAYA. M	M. Abinaya	43
4	821114103004	AJITH. C	C. Ajith	28
5	821114103005	AJITH. N	AB	AB
6	821114103006	AJITH KUMAR.R	R. Ajith	55
7	821114103007	AJITHKUMAR. A	AB	AB
8	821114103008	AJITHKUMAR. C	C. Ajith	45
9	821114103009	AJITH KUMAR. K	K. Ajith	55
10	821114103010	ANANDH.A	A. Anandh	57
11	821114103011	ANANTH. C	C. Ananth	35
12	821114103013	ANBARASAN.S	S. Anbarasan	36
13	821114103014	ARUN.K	K. Arun	41
14	821114103015	ARUN.T	T. Arun	28
15	821114103016	ARUN KUMAR. R	R. Arun	36
16	821114103017	BALAJI. R	R. Balaji	32
17	821114103018	BALA KUMARAN.R	R. Balakumaran	59
18	821114103019	BALASUBRAMANIYAN. P	P. Balasubramanian	36
19	821114103020	BHARATHI. E	AB	AB
20	821114103021	BHARATHI. L	L. Bharathi	35
21	821114103022	DHAVANESHWAR.S	S. Dhavaneshwar	37


ROLL NO	REG.NO	STUDENT NAME	SIGNATURE	MARKS
22	821114103023	DINESH. B	<i>[Signature]</i>	18
23	821114103024	DURGADEVI. A	A. Durgadevi	40
24	821114103025	EDHAYA. G	G. Edhaya	28
25	821114103026	GOPIKRISHNAN. M	M. Gopi	36
26	821114103027	GUNASEELAN. G	G. Gunaseelan	39
27	821114103028	GUNASEELAN.K	AB	AB
28	821114103029	GURU PRABHAKARAN	AB	AB
29	821114103030	HARIHARA SUDHAN	H. Hariharan	43
30	821114103031	HARIKRISHNAN. V	V. Hariharan	33
31	821114103032	INDIRA KUMAR. M	M. Indira	40
32	821114103033	JOELROGAN. D	D. Joelrogan	36
33	821114103034	KALAISELVI. R	R. Kalaiselvi	40
34	821114103035	KAMAL RAJ.M	AB	AB
35	821114103036	KAVI PRIYA. D	D. Kavi Priya	34
36	821114103038	MANIKANDAN.P	P. Manikandan	22
37	821114103039	MANIMUTHU. K	K. Manimuthu	32
38	821114103040	MANI RAJA.G	G. Mani Raja	16
39	821114103041	MATHUMITHA. B	B. Mathumitha	53
40	821114103042	MOHAMED ASHIQ.Z	Z. Ashiq	19
41	821114103043	MOHAMED AZARUTHEEN	E. Azarutheen	17
42	821114103044	MOHAN RAJ.K	K. Mohan Raj	16
43	821114103045	MONISH. G.K	G. Monish	10
44	821114103047	MUKILAN DURAI	D. Mukilan	10
45	821114103048	MUKIL KUMAR. M	AB	AB
46	821114103049	NANDHINI. S	AB	AB
47	821114103050	NETHAJI. M	M. Nethaji	16
48	821114103051	NINDHIYA.D	AB	AB
49	821114103052	NITHIKA CHARAN.P	P. Nithika	10
50	821114103053	NIVASSUDHAN.R	R. Nivassudhan	08
51	821114103054	PANDIYAN.M	AB	AB

ROLL NO	REG.NO	STUDENT NAME	SIGNATURE	MARKS
52	821114103055	PAVITHRAA.T	AB	AB
53	821114103056	PRABHAKAR.N	N. Babbar	11
54	821114103057	PRAGADEESVARAN. S	S. Babbar	18
55	821114103058	PRAKASH RAJ. R	R. Prakashraj	18
56	821114103059	PRASANNA VENKATESH.S	S. S. Venkatesh	17
57	821114103060	PRASANTH. D	D. Pranth	16
58	821114103061	PRASATH. M	M. Prath	16

TOTAL NO OF STUDENTS = 58

TOTAL NO OF STUDENTS PRESENT= 47

TOTAL NO OF STUDENTS ABSENT= 11


15/2/18 T.P.
SUBJECT INCHARGE


HOD/CIVIL

KINGS COLLEGE OF ENGINEERING

Department of Civil Engineering

My Credit Course

On

- REVIT

Feed Back Form

Name: M. Mari Maran Mobile No: 8754331352 E-Mail ID: mangalthamaran@gmail.com

Address: 11/83 A, Teena Nagar
Mena Madurai
Sevanganai (Dist)

FB ID: Mari Sevvai

Feed Back about of the Class:

Good Very Good Excellent

Comment:

Excellent.

Date :

M. Maran
Student Signature

KINGS COLLEGE OF ENGINEERING

Department of Civil Engineering

My Credit Course

On

REVIT

Feed Back Form

Name: M. Abinaya

Mobile No: 7094359227 E-Mail ID: abinaya.madhavan7497@gmail.com

Address: Mon/condes Street,
Kannai East,
Oya Trancalu (749),
Thanjavur

FB ID: Abinaya Madhavan Kannai

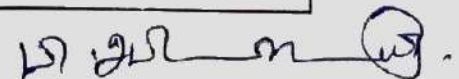
Feed Back about of the Class:

Good Very Good Excellent

Comment:

It is very use full of my career.

Date :



Student Signature



KINGS
COLLEGE OF ENGINEERING



TUV Rheinland
CERT
ISO 9001

NAAC Accredited Institution

(Approved by AICTE New Delhi, Affiliated to Anna University - Chennai)

PUNALKULAM ,THANJAVUR- 613303

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that Mr/Ms**ARUN...MOZHI...K**..... has attended my credit course on "STADD PRO and REVIT - ARCHITECTURE " Organized by Civil Engineering Department during 18th December 2017- 1st February 2018.

CO-ORDINATOR

HOD

PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2017-2018

MY CREDIT COURSE

NAME OF THE COURSE	: Staad Pro
SOFTWARE	: Staad Pro V8i
DURATION	: 20 Hours
RESOURCE PERSON	: CAD Academy & Internal Staffs
BENEFICIARIES	: Final Year Students

ADVANTAGES FOR STUDENTS:

- Quality training within the campus
- Training as per the industry requirements
- Semester wise batches help to utilize the software resources available in campus
- Students can have a thorough knowledge about the concepts in structural analysis and design of concrete and steel.
- Learning this software will help the students to grab a job in good organization with reasonable salary.



DEPARTMENT OF CIVIL ENGINEERING

**MY CREDIT COURSE
ON
STAAD PRO**

YEAR/SEMESTER: IV 'B'/VIII

PREPARED BY

**Mr. R. JEEVANESAN / AP
Mr. K. RANJITH / AP**

STAAD PRO

UNIT - I	OVERVIEW OF STAAD PRO	4
Introduction about STAAD.Pro - Description - Objectives - Structural Engineering - Types of Structures - Unit systems - Geometry & coordinate Systems - Staad Elements - Support specifications		
UNIT - II	MODEL GENERATION & MODEL EDITING	4
Creating new file - methods of creating model - Basic Activities - Model generation - using staad editor - using Geometry method - using structure Wizard - Model Editing tools		
UNIT - III	LOADS	4
Introduction about Loads - Primary loads - self weight - Nodal load - Member load - Floor load - Prestress & Post stress member load - Temperature & Strain load - Load Generator - Wind Load - Load Combination		
UNIT- IV	ANALYSIS AND DESIGN	4
Inputting the Job Information - Generating the 3D Model Geometry - Assigning the Material - Specifying Member Properties - Material Constants - Member Offset - Printing Member Information - Specifying Supports - Specifying Loads - Analysis Types - Post Analysis Print Command - Run Analysis - Post Processing Mode		
UNIT- V	FOUNDATION & PLATE, SHELL ELEMENTS	4
Introduction about Foundation - Support Coordinates - Load Defining - Design Constraints - Plate Shell Elements - Geometry Modeling Considerations - Distinguishing Features of Finite Element - One Way Slab - Two Way Slab - Shear Wall Modeling & Design - Solid Element - Water Tanks - Staircase		

TOTAL: 20 PERIODS



DEPARTMENT OF CIVIL ENGINEERING

COURSE PLAN

COURSE NAME: STAAD PRO.

- This course is structured in a simple way to chase the elements starting from basic concepts to more direct applications.
- The course will enable building experts to get ahead in the learning curve of Structure Analyzing and Designing. A system that is currently fascinating the industry, of which there is a demand for skilled persons.

COURSE OBJECTIVE

1. To automate their tasks by removing the tedious and long procedures of the manual methods.
2. To learn the concepts of steps involved in structural analysis and design of concrete & steel.
3. To analyze and design virtually any type of structure.
4. To know about flexible modeling environment, advanced features, and fluent data collaboration

TEXT BOOKS

- T1. STAAD.PRO V8i Reference Guide

SOFTWARE: Staad Pro V8i

WEB RESOURCES

W1. www.staadpro.info/staadpro-tutorial/

W2. [www.lynda.com/staadpro-tutorials/staadpro-2016-Essential- Training-Metric/370805-2.html](http://www.lynda.com/staadpro-tutorials/staadpro-2016-Essential-Training-Metric/370805-2.html)

W3. www.cad-notes.com/category/staadpro-articles

W4. www.udemy.com/staadpro-for-beginners/

Power Point Presentation (PPT)

P1. <http://www.slideshare.net/niict/staad-pro>

P2. [http://www.slideshare.net/ryanabarton/staadpro for beginners- Presentation](http://www.slideshare.net/ryanabarton/staadpro-for-beginners-Presentation)

P3. https://gullnet.endicott.edu/ICS/icsfs/intro_staad.ppt?target=c0625e96-ceg5-584a-wedr-5h12589ui682



DEPARTMENT OF CIVIL ENGINEERING

COURSE PLAN

COURSE NAME: STAAD PRO.

- This course is structured in a simple way to chase the elements starting from basic concepts to more direct applications.
- The course will enable building experts to get ahead in the learning curve of Structure Analyzing and Designing. A system that is currently fascinating the industry, of which there is a demand for skilled persons.

COURSE OBJECTIVE

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2. To learn the concepts of steps involved in structural analysis and design of concrete & steel.
3. To analyze and design virtually any type of structure.
4. To know about flexible modeling environment, advanced features, and fluent data collaboration

TEXT BOOKS

- T1. STAAD.PRO V8i Reference Guide

SOFTWARE: Staad Pro V8i

WEB RESOURCES

W1. www.staadpro.info/staadpro-tutorial/

W2. [www.lynda.com/staadpro-tutorials/staadpro-2016-Essential- Training-Metric/370805-2.html](http://www.lynda.com/staadpro-tutorials/staadpro-2016-Essential-Training-Metric/370805-2.html)

W3. www.cad-notes.com/category/staadpro-articles

W4. www.udemy.com/staadpro-for-beginners/

Power Point Presentation (PPT)

P1. [http://www.slideshare.net/niict/staad pro](http://www.slideshare.net/niict/staad-pro)

P2. [http://www.slideshare.net/ryanabarton/staadpro for beginners- Presentation](http://www.slideshare.net/ryanabarton/staadpro-for-beginners-Presentation)

P3. https://gullnet.endicott.edu/ICS/icsfs/intro_staad.ppt?target=c0625e96-ceg5-584a-wedr-5h12589ui682

Topic No	Topic	Books for Reference	Page No.	No. of Hours Required	Cumulative No. of periods (4)
UNIT I OVERVIEW OF STAAD PRO					
1.	Introduction about STAAD.Pro	T1	1-2	1	1
2.	Types of structures	T1			
3.	Coordinate systems	T1	4	1	2
4.	Staad Elements	T1	7-10	1	3
5.	Support Specifications	T1	11	1	4

LEARNING OUTCOME

At the end of unit, students will be able to

- Describe the types of structures
- Work with different types of staad elements
- Explore the Staad pro user interface
- Start a new project with new templates.

UNIT II MODEL GENERATION & MODEL EDITING					
6.	Creating New File	T1	12-14	1	5
7.	Methods of creating model	T1	15-16		
8.	Model Generation using Staad editor	T1	17-18	1	6
9.	Model Generation using Geometry method	T1	19-23	1	7
10.	Model Generation using Structure Wizard	T1	24-26	1	8
11.	Model Editing Tools	T1	27-41		

LEARNING OUTCOME

At the end of unit, students will be able to

- Create a new file using staad commands
- Can create a new model
- Generate models using staad editor, Geometry method & Structure wizard
- Can easily use staad pro with model editing tools

UNIT III LOADS					
Topic No	Topic	Books for Reference	Page No.	No. of Hours Required	Cumulative No. of periods
12.	Introduction about loads	T1	42 -43	1	9
13.	Nodal loads, Member loads	T1	44 -47		
14.	Prestress & Post stress member load	T1	48-51	1	10
15.	Temperature & Strain load	T1	52-53	1	11
16.	Wind load, Load Generator	T1	54-55		
17.	Load Combination	T1	56-65	1	12

LEARNING OUTCOME

At the end of unit, students will be able to

- Add and modify Loads for the project
- Know about the different types of floors and their properties
- Use different types of loads as per the requirements
- Create and modify section with different load combinations

UNIT IV ANALYSIS AND DESIGN (4)

18.	Inputting the Job Information & Generating 3D Models	T1	66-67	1	13
19.	Assigning the Material & Specifying Member Properties	T1	68-69	1	14
20.	Material Constants & Specifying supports	T1	70-71	1	15
21.	Specifying loads, Analysis types	T1	72-73		
22.	Post Analysis	T1	74	1	16
23.	Run Analysis & Post processing	T1	75-76		

LEARNING OUTCOME

At the end of unit, students will be able to

- Inputting informations and generating 3D models
- Assign materials and specify properties of members
- Can specify loads and run analysis
- Work in post processing mode

UNIT V FOUNDATION & PLATE, SHELL ELEMENTS (4)

24.	Introduction about Foundation	T1	77-78	1	17
25.	Support Coordinates & Load Defining	T1	79-81		
26.	Design Constraints , Plate Shell Elements	T1	82-83	1	18
27.	Geometry Modeling Considerations	T1	84-85	1	19
28.	One Way Slab , Two Way Slab	T1	86-88		
29.	Shear Wall Modeling & Design	T1	89-92	1	20
30.	Water Tanks , Staircase	T1	93-94		

LEARNING OUTCOME

At the end of unit, students will be able to

- Understand the concepts of foundation
- Assign support coordinates and loads
- Under the concepts of plate shell elements
- Can design shear walls, slabs, water tanks & Staircase

COURSE OUTCOME

At the end of the course, the students will be able to

- Design and analyse the structural components without manual calculations.
- Describe the concepts of loading and support systems.
- Create Flexible models with advance features and as per the requirements.
- Create structurally challenging buildings with architectural advancements

* 16/12/17
* K. Ranjith
Prepared by
Mr. R. JEEVANESAN
Mr. K. RANJITH

Q. S. Ganagan
16/12/17
Verified By
HOD/CIVIL

Approved by
PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2017 - 2018)

EVEN SEMESTER

NAME LIST

YEAR/SECTION: IV/"B"SEC
BATCH : 2014-2018

Total Students: 59

ROLL.NO	REG.NO	STUDENT NAME	ROLLNO	REG.NO	STUDENT NAME
1.	821114103062	PREETHLA ✓	31	821114103093	VENKATESHWARAN. R ✓
2.	821114103063	PRIYADHARSHINI.D ✓	32	821114103094	VIGNESH.P ✓
3.	821114103064	PURUSHOTHAM. P ✓	33	821114103095	VIGNESH. R (24-06-1997) ✓
4.	821114103065	RAGAVI. R ✓	34	821114103096	VIGNESH. R (13-07-1997) ✓
5.	821114103066	RAGUVARAN. S ✓	35	821114103097	VIGNESH. V ✓
6.	821114103067	RAHUL S ✓	36	821114103098	VIGNESHWARAN. K ✓
7.	821114103068	RAJASRI.G ✓	37	821114103099	VIJAY. B ✓
8.	821114103069	RAJESH KUMAR.M ✓	38	821114103100	VIJAYALAYACHOLAN. V ✓
9.	821114103070	RANJANA DEVI. T ✓	39	821114103101	VINOTHINI. G ✓
10.	821114103071	PRABHAKARAN.R ✓	40	821114103102	VISHALI. K ✓
11.	821114103072	SAILAJA.M ✓	41	821114103103	YOGESHRAJ.B ✓
12.	821114103073	SAKTHI KUMAR.M ✓	42	821114103301	AJITHA ✓
13.	821114103074	SALAIMANIMAGUDAM.M.P ✓	43	821114103302	AKASH.R ✓
14.	821114103075	SATHISH.K ✓	44	821114103304	ARUN MOZHI.K ✓
15.	821114103076	SATYANARAYANAN. R.S ✓	45	821114103305	GUNASEELAN.B ✓
16.	821114103077	SENTHILKUMAR. U ✓	46	821114103306	JAYAVARMAN.D ✓
17.	821114103078	SHOBANASRI. K ✓	47	821114103307	KAPIL DEV.P ✓
18.	821114103079	SIBISELVAN. S ✓	48	821114103308	KARTHICK.S ✓
19.	821114103080	SIDDHARTH. B ✓	49	821114103309	MANIKANDAN.K ✓
20.	821114103081	SINDHU. R ✓	50	821114103310	MANIMARAN.M ✓
21.	821114103082	SINDHUJAS ✓	51	821114103311	MANIYARASAN.K ✓
22.	821114103083	SUBASRI. P ✓	52	821114103312	MOHAN.K ✓
23.	821114103084	SUJLU ✓	53	821114103313	RANJITH KUMAR.M ✓
24.	821114103086	SURYA NARAYANAN. M ✓	54	821114103314	SARAVANAN.K ✓
25.	821114103087	SWATHIKA.K ✓	55	821114103315	SRIRAM.R ✓
26.	821114103088	THANGAPANDIAN. R ✓	56	821114103316	SUNDHAR.B ✓
27.	821114103089	THANGAPANDIYAN. D ✓	57	821114103317	VIGNESH.R ✓
28.	821114103090	THENDRALM ✓	58	821114103701	MANIKANDAN.M.S ✓
29.	821114103091	THIRUNAVUKARASU. R ✓	59		MARIKKANNU-K ✓
30.	821114103092	THIRUPATHY.M ✓			

T. S. Bhuvaneshwari
CLASS COORDINATOR
(Ms.T.BHUVANESWARI)

R. Saravanan
HOD/CIVIL
(Dr.R.SARAVANAN)

KINGS COLLEGE OF ENGINEERING

ASSESSMENT - I (JAN-2017)


MCC - MY CREDIT COURSE

CLASS : IV CIVIL DATE & SESSION : 11.01.2018 & FN
MAXIMUM MARKS : 60 TIME : 9.30 AM - 11.30 AM

ATTENDANCE SHEET

S. No.	Register Number	Name of the Candidate	Signature
1	821114103062	PREETHLA	APAC
2	821114103063	PRIYADHARSHINI.D	D.P.S.
3	821114103064	PURUSHOTHAM. P	P.P.P.
4	821114103065	RAGAVI. R	R.R.R.
5	821114103066	RAGUVARAN. S	R.S.
6	821114103067	RAHUL. S	S. R.
7	821114103068	RAJASRI.G	G. Rajasri
8	821114103069	RAJESH KUMAR.M	M. Rajesh
9	821114103070	RANJANA DEVI. T	T. Ranjana
10	821114103071	PRABHAKARAN.R	R. Prabakar
11	821114103072	SAILAJA.M	M. sailaja
12	821114103073	SAKTHI KUMAR.M	M. Sakthi
13	821114103074	SALAIMANIMAGUDAM.M.P	M.P. Salaimani
14	821114103075	SATHISH.K	K. Sathish
15	821114103076	SATYANARAYANAN. R.S	R.S. Satyanarayan
16	821114103077	SENTHILKUMAR. U	U. Senthil
17	821114103078	SHOBANASRI. K	K. Shobanasri
18	821114103079	SIBISELVAN. S	S. Sibi
19	821114103080	SIDDHARTH. B	B. Siddharth
20	821114103081	SINDHU. R	R. Sindhu
21	821114103082	SINDHUJAS	S. Sindhu
22	821114103083	SUBASRI. P	P. Subasri
23	821114103084	SUJI.U	U. Siji
24	821114103086	SURYA NARAYANAN. M	M. Surya
25	821114103087	SWATHIKA.K	K. Swathika
26	821114103088	THANGAPANDIAN. R	R. Thangapandian
27	821114103089	THANGAPANDIYAN. D	D. Thangapandian
28	821114103090	THENDRAL.M	M. Thendral
29	821114103091	THIRUNAVUKARASU.R	R. Thirunavukarasu
30	821114103092	THIRUPATHY.M	M. Thirupathy

S. No.	Register Number	Name of the Candidate	Signature
31	821114103093	VENKATESHWARAN. R	R. Venkatesh
32	821114103094	VIGNESH P	AB
33	821114103095	VIGNESH. R (24-06-1997)	R. Vignesh
34	821114103096	VIGNESH. R (13-07-1997)	Vignesh R
35	821114103097	VIGNESH. V	Vignesh V
36	821114103098	VIGNESHWARAN. K	K. Vignesh
37	821114103099	VIJAY. B	B. Vijay
38	821114103100	VIJAYALAYACHOLAN. V	V. Vijay
39	821114103101	VINOTHINI. G	G. Vinithi
40	821114103102	VISHALI. K	K. Vishali
41	821114103103	YOGESHRAJ. B	B. Yogeshraj
42	821114103301	AJITHA	A. Ajitha
43	821114103302	AKASH. R	R. Akash
44	821114103304	ARUN MOZHI. K	K. Arunmozhi
45	821114103305	GUNASEELAN. B	B. Gunaseelan
46	821114103306	JAYAVARMAN. D	D. Jayavarma
47	821114103307	KAPIL DEV. P	P. Kapil Dev
48	821114103308	KARTHIK. S	S. Karthik
49	821114103309	MANIKANDAN. K	K. Manikandan
50	821114103310	MANIMARAN. M	M. Manimaran
51	821114103311	MANIYARASAN. K	K. Maniyarasan
52	821114103312	MOHAN. K	K. Mohan
53	821114103313	RANJITH KUMAR. M	M. Ranjith Kumar
54	821114103314	SARAVANAN. K	K. Saravanan
55	821114103315	SRIRAM. R	R. Sriram
56	821114103316	SUNDHAR. B	B. Sundhar
57	821114103317	VIGNESH. R	R. Vignesh
58	821114103701	MANIKANDAN. M. S	S. Manikandan
59	821114103501	MARIKKANNU. K	


 Staff Incharge
 (Jeena Nesan - R)

Attendance Particulars													
Roll No.	Name	Date	18	18	19	19	19	20	20	26	26	27	
		Month	12	12	12	12	12	12	12	12	12	12	12
		Period	6	7	1	2	5	1	2	1	2	1	
1	Preethi.A	/	/	/	/	/	/	/	/	/	/	/	
2	Priyadhashini.D	/	/	/	/	/	/	/	/	/	/	/	
3	Purushotham.P	/	/	/	/	/	/	/	/	/	/	/	
4	Ragavi.R	/	/	/	/	/	/	/	/	/	/	/	
5	Raguraman.S	/	/	/	/	/	/	/	/	/	/	/	
6	Rahul.S	/	/	/	/	/	/	/	/	/	/	/	
7	Rajasri.G	/	/	/	/	/	/	/	/	/	/	/	
8	Rajesh kumar.M	/	/	/	/	/	/	/	/	/	/	/	
9	Ranjana.devi.T	/	/	/	/	/	/	/	/	/	/	/	
10	Prabhakaran.R	/	/	/	/	/	/	/	/	/	/	/	
11	Sailaja.M	/	/	/	/	/	/	/	/	/	/	/	
12	Sakthi kumar.M	/	/	/	/	/	/	/	/	/	/	/	
13	Salaimaniragudam.H.P	/	/	/	/	/	/	/	/	/	/	/	
14	Sathish.K	/	/	/	/	/	/	/	/	/	/	/	
15	Satyana.Rayanar.R.S	/	/	/	/	/	/	/	/	/	/	/	
16	Senthikumar.U	/	/	/	/	/	/	/	/	/	/	/	
17	Shobanasri.K	/	/	/	/	/	/	/	/	/	/	/	
18	SibiSelvan.S	/	/	/	/	/	/	/	/	/	/	/	
19	Siddhasth.B	/	/	/	/	/	/	/	/	/	/	/	
20	Sindhur.R	/	/	/	/	/	/	/	/	/	/	/	
21	Sindhujia.S	/	/	/	/	/	/	/	/	/	/	/	
22	Subasri.P	/	/	/	/	/	/	/	/	/	/	/	
23	Suji.U	/	/	/	/	/	/	/	/	/	/	/	
24	Suryanarasayanar.M	/	/	/	/	/	/	/	/	/	/	/	
25	Sushanthika.K	/	/	/	/	/	/	/	/	/	/	/	

Roll No.	27	2	3	3	2	6	6	9	9	10
	12	1	1	2	1	1	1	1	2	1
	2	1	1	2	2	7	8	1	2	1
1	/	/	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/
3	/	/	/	/	/	/	/	/	/	/
4	/	/	/	/	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/
7	/	/	aa	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	aa	/	/
11	/	/	aa	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	aa	/	/
13	aa	/	/	a	/	/	/	/	/	/
14	/	/	/	/	/	a	/	aa	/	/
15	/	/	/	/	/	/	/	/	/	/
16	/	/	/	/	/	/	/	/	/	/
17	/	/	/	/	/	/	/	/	/	/
18	/	/	aa	/	/	/	/	/	/	/
19	a	/	aa	/	/	/	/	aa	/	/
20	/	/	/	/	/	/	/	/	/	/
21	/	/	/	/	/	/	/	/	/	/
22	/	/	/	/	/	/	/	/	/	/
23	/	/	/	/	/	/	/	/	/	/
24	/	/	/	/	/	/	/	/	/	/
25	/	/	/	/	/	/	/	/	/	/

Apprentice Particulars			18	18	19	19	19	20	20	26	26	27
Post No.	Name	Date										
		Month	12	12	12	12	12	12	12	12	12	12
		Period	6	7	1	2	5	1	2	1	2	1
26	Thangapandian.R	/	/	/	/	/	/	/	/	/	/	/
27	Thangapandian.D	/	/	/	/	/	/	/	/	/	/	/
28	Thendral.M	/	/	/	/	/	/	/	/	/	/	/
29	Thiruvavukarasu.R	/	/	/	/	/	/	/	/	/	/	/
30	Thirupathy.M	/	/	/	/	/	/	/	/	/	/	/
31	Venkateshwaran.R	/	/	/	/	/	/	/	/	/	/	/
32	Vignesh.P	/	/	/	/	/	/	/	/	/	/	/
33	Vignesh.R(24-06-1997)	/	/	/	/	/	/	/	/	/	/	/
34	Vignesh.R(13-07-1997)	/	/	/	/	/	/	/	/	/	/	/
35	Vignesh.V	/	/	/	/	/	/	/	/	/	/	/
36	Vigneshwaran.k	/	/	/	/	/	/	/	/	/	/	/
37	Vijay.B	/	/	/	/	/	/	/	/	/	/	/
38	Vijayalayacholan.V.	/	/	/	/	/	/	/	/	/	/	/
39	Vinothini.G	/	/	/	/	/	/	/	/	/	/	/
40	Vishali.k	/	/	/	/	/	/	/	/	/	/	/
41	Yogeshraj.B	/	/	/	/	/	/	/	/	/	/	/
42	Ajith.A	/	/	/	/	/	/	/	/	/	/	/
43	Akash.R	/	/	/	/	/	/	/	/	/	/	/
44	Arun Mozhi.k	/	/	/	/	/	/	/	/	/	/	/
45	Guraseelan.B	/	/	/	/	/	/	/	/	/	/	/
46	Jayavarman.D	/	/	/	/	/	/	/	/	/	/	/
47	Kapil Dev.P	/	/	/	/	/	/	/	/	/	/	/
48	Karthick.S	/	/	/	/	/	/	/	/	/	/	/
49	Manikandan.k	/	/	/	/	/	/	/	/	/	/	/
50	Manimasan.M	/	/	/	/	/	/	/	/	/	/	/

Roll No.	27	2	3	3	2	6	6	9	9	6
	12	1	1	2	1	1	1	1	1	1
	2	1	1	2	2	7	8	1	2	1
26	/	a	/	/	a	/	/	/	/	/
27	/	/	/	/	/	/	/	/	/	/
28	/	/	/	/	/	/	/	/	/	/
29	/	/	aa	/	a	/	/	/	/	/
30	/	/	/	/	/	/	/	/	/	/
31	/	/	aa	/	/	/	/	/	/	/
32	/	/	/	/	/	a	/	aa	/	/
33	/	/	/	/	/	/	/	/	/	/
34	/	/	/	/	/	/	/	/	/	/
35	/	/	/	/	/	/	/	/	/	/
36	/	/	/	/	/	/	/	/	/	/
37	/	/	/	/	/	/	/	/	/	/
38	/	/	aa	/	/	/	/	aa	/	/
39	/	/	aa	/	/	/	/	/	/	/
40	/	a	/	/	a	/	/	/	/	/
41	a	/	aa	/	/	/	/	aa	/	/
42	/	/	/	/	/	/	/	/	/	/
43	/	/	/	/	/	/	/	aa	/	/
44	/	/	aa	/	/	/	/	/	/	/
45	a	/	aa	/	/	/	/	/	/	/
46	/	/	/	/	/	/	/	/	/	/
47	/	a	/	/	a	/	/	/	/	/
48	/	/	/	/	/	/	/	/	/	/
49	/	/	aa	/	/	/	/	/	/	/
50	/	/	/	/	/	/	/	/	/	/

Attendance Particulars		
Roll No.	Name	Date
		Month
		Period
1	Preethi . A	
2	Priyadhashini .	
3	Purushotham . P	
4	Ragavi . R	
5	Raguraman . S	
6	Rahul . S	
7	Rajasri . G	
8	Rajesh kumar . M	
9	Ranjana devi . T	
10	Prabhakaran . R	
11	Sailaja . M	
12	Sakthi kumar . M	
13	Salaimaniragun	
14	Sathish . k	
15	Satyana rayanan .	
16	Senthikumar . U	
17	Shobanasri . k	
18	Sibiselvan . S	
19	Siddhasth . B	
20	Sindhu . R	
21	Sindhuj . S	
22	Subasri . P	
23	Suji . U	
24	Suryanarayanan	
25	Swathika . k	

Roll No.	10	17	19	20	20	22	21	23	23	21
	1	/	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/
3	/	/	/	/	/	/	/	/	/	/
4	/	a	a	/	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/
7	/	/	/	a	a	a	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/
13	/	/	/	/	/	/	/	/	/	/
14	/	/	/	/	/	/	/	/	/	/
15	/	/	/	/	/	/	/	/	/	/
16	/	a	a	a	a	/	/	/	/	/
17	/	/	/	/	/	/	/	/	/	/
18	/	a	a	/	/	/	/	/	/	a
19	/	/	/	/	/	/	/	/	/	a
20	/	a	a	/	/	/	/	/	/	/
21	/	/	/	/	/	/	/	/	/	/
22	/	/	/	/	/	/	/	/	/	/
23	/	/	/	/	/	/	/	/	/	/
24	/	/	/	/	/	/	/	/	/	/
25	/	/	/	/	/	/	/	/	/	/

Roll No.	24	24	30	30	2	2	2	01	01	2
	1	/	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/
3	/	/	/	/	a	a	a	/	/	/
4	/	/	/	/	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	a	a	a
9	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	a	a	a	/	/	/
11	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	a	a	a	a	a	a
13	/	/	/	/	/	/	/	/	/	/
14	/	/	/	/	/	/	/	/	/	/
15	/	/	/	/	/	/	/	/	/	/
16	/	/	/	/	/	/	/	/	/	/
17	/	/	/	/	/	/	/	/	/	/
18	a	a	/	/	/	/	/	/	/	/
19	a	a	/	/	/	/	/	/	/	/
20	/	/	/	/	/	/	/	/	/	/
21	/	/	/	/	/	/	/	/	/	/
22	/	/	/	/	/	/	/	/	/	/
23	/	/	/	/	/	/	/	/	/	/
24	/	/	/	/	/	/	/	/	/	/
25	/	/	/	/	/	/	/	/	/	/

Roll No.	Name	Date
		Month
		Period
26	Thangapandian.R	
27	Thangapandian.D	
28	Thendral.M	
29	Thirunaravarasu.	
30	Thirupathy.M	
31	Venkateshwaran.R	
32	Vignesh.P	
33	Vignesh.R (24-06-1997)	
34	Vignesh.R (13-07-1997)	
35	Vignesh.V	
36	Vigneshwaran.K	
37	Vijay.B	
38	Vijayalayacholan.V	
39	Vinothini.G	
40	Vishali.K	
41	Yogeshraj.B	
42	Ajith.A	
43	Akash.R	
44	Arup Mozhi.K	
45	Guraseelan.B	
46	Jayaraman.D	
47	Kapil Dev.P	
48	Karthick.S	
49	Manikandan.K	
50	Manimasan.M	

Roll No.												
	17	18	19	20	21	22	23	24	25	26	27	28
	2	1	2	7	8	6	7	1	2	1		
26	/	/	/	/	/	/	/	/	/	/	/	/
27	/	/	/	/	/	/	/	/	/	/	/	/
28	/	/	/	/	/	/	/	/	/	/	/	/
29	/	/	/	aa	/	/	/	/	/	/	/	/
30	/	/	/	/	/	/	/	/	/	/	/	/
31	/	/	/	/	/	/	/	/	/	/	/	/
32	/	a	a	a	a	a	a	/	/	/	/	/
33	/	a	a	a	a	a	a	a	a	a	a	a
34	/	/	/	/	/	/	/	/	/	/	/	/
35	/	a	a	/	/	/	/	a	a	a	/	/
36	/	/	/	/	/	/	/	/	/	/	/	/
37	/	/	/	/	/	/	/	/	/	/	/	/
38	/	/	/	/	/	/	/	/	/	/	/	/
39	/	/	/	/	/	/	/	/	/	/	/	/
40	/	/	/	/	/	/	/	/	/	/	/	/
41	/	/	/	/	/	/	/	aa	/	/	/	/
42	/	/	/	/	/	/	/	/	/	/	/	/
43	/	/	/	aa	/	/	/	/	/	/	/	/
44	/	/	/	/	/	/	/	/	/	/	/	/
45	/	/	/	/	/	/	/	/	/	/	/	/
46	/	/	/	/	/	/	/	/	/	/	/	/
47	/	/	/	/	/	/	/	/	/	/	/	/
48	/	/	/	/	/	/	/	/	/	/	/	/
49	/	a	a	aa	/	/	/	/	/	/	/	/
50	/	/	/	/	/	/	/	/	/	/	/	/

Roll No.												
	24	25	30	30	2	2	2	1	1	1		
	2	3	1	2	2	3	4	6	7	8		
26	/	/	/	/	/	/	/	/	/	/	/	/
27	/	/	/	/	/	/	/	/	/	/	/	/
28	/	/	/	/	/	/	/	/	/	/	/	/
29	/	/	/	/	/	/	/	/	/	/	/	/
30	/	/	/	/	/	/	/	/	/	/	/	/
31	/	/	/	/	/	/	/	/	/	/	/	/
32	/	/	/	/	/	aa	aa	/	/	/	/	/
33	aa	/	/	/	aa	aa	/	/	/	/	/	/
34	/	/	/	/	/	/	/	/	/	/	/	/
35	a	a	/	/	/	/	/	/	/	/	/	/
36	/	/	/	/	/	/	/	/	/	/	/	/
37	/	/	/	/	/	/	/	/	/	/	/	/
38	/	/	/	/	/	/	/	/	/	/	/	/
39	/	/	/	/	/	/	/	/	/	/	/	/
40	/	/	/	/	/	/	/	/	/	/	aa	aa
41	/	/	/	/	/	/	/	/	/	/	/	/
42	/	/	/	/	/	/	/	/	/	/	/	/
43	/	/	/	/	/	/	/	/	/	/	/	/
44	/	/	/	/	/	/	/	/	/	/	/	/
45	/	/	/	/	/	/	/	/	/	/	/	/
46	/	/	/	/	/	/	/	/	/	/	/	/
47	/	/	/	/	/	/	/	/	/	/	/	/
48	/	/	/	/	/	/	/	/	/	/	/	/
49	/	/	/	/	/	/	/	/	/	/	/	/
50	/	/	/	/	/	/	/	/	/	/	/	/

Roll No.	Name	Date	
		Month	Period
		51	Maniyasasan.k
52	Mohan.k		
53	Ranjith kurnas.M		
54	Saravanan.k		
55	Sri Ram.R		
56	Sundhar.B		
57	Vignesh.R		
58	Manikandan.M.S		
59	Marikkannu.k.		
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			

No. of Students	Present
	Absent

Roll No.	10	11	12	20	20	22	22	23	23	24
	51	/	/	/	/	/	/	/	/	/
52	/	/	/	/	/	/	/	/	/	/
53	/	/	/	/	/	/	/	/	/	/
54	/	/	/	/	/	/	/	/	/	a
55	/	/	/	/	/	/	/	/	/	/
56	/	a	a	/	/	/	/	/	/	a
57	a	/	/	/	/	/	/	/	/	/
58	/	/	/	a	a	/	/	/	/	/
59	/	/	/	a	a	/	/	/	/	/
60										
61										
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Pr	58	60	80	53	53	56	56	55	55	54
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Roll No.	24	24	30	30	2	2	2	1	1	1
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52	/	/	/	/	a	a	a	/	/	/
53	/	/	/	/	/	/	/	/	/	/
54	a	a	/	/	/	/	/	/	/	/
55	/	/	/	/	/	/	/	a	a	a
56	/	/	/	/	/	/	/	/	/	/
57	/	/	/	/	/	/	/	/	/	/
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Pr	54	54	99	59	53	53	53	54	54	54
Ab	05	08	NIL	NIL	06	06	06	05	05	05

ACADEMIC

YEAR

2016-2017

MY CREDIT COURSE





DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2016-2017

MY CREDIT COURSE

NAME OF THE COURSE	: Staad Pro
SOFTWARE	: Staad Pro V8i
DURATION	: 50 Hours
RESOURCE PERSON	: CAD Academy & Internal Staffs
BENEFICIARIES	: Final Year Students

ADVANTAGES FOR STUDENTS:

- Quality training within the campus
- Training as per the industry requirements
- Semester wise batches help to utilize the software resources available in campus
- Students can have a thorough knowledge about the concepts in structural analysis and design of concrete and steel.
- Learning this software will help the students to grab a job in good organization with reasonable salary.



DEPARTMENT OF CIVIL ENGINEERING

**MY CREDIT COURSE
ON
STAAD PRO**

YEAR/SEMESTER: IV/VIII

**PREPARED BY
Mr.K.Arun / AP
Mr.M.Arun Pandiyan / AP**

STAAD PRO**UNIT - I OVERVIEW OF STAAD PRO 10**

Introduction about STAAD.Pro – Description – Objectives – Structural Engineering – Types of Structures – Unit systems – Geometry & coordinate Systems – Staad Elements – Support specifications

UNIT - II MODEL GENERATION & MODEL EDITING 10

Creating new file – methods of creating model – Basic Activities – Model generation - using staad editor – using Geometry method – using structure Wizard – Model Editing tools

UNIT - III LOADS 10

Introduction about Loads – Primary loads – self weight – Nodal load – Member load – Floor load – Prestress & Post stress member load – Temperature & Strain load – Load Generator – Wind Load – Load Combination

UNIT- IV ANALYSIS AND DESIGN 10

Inputting the Job Information – Generating the 3D Model Geometry – Assigning the Material – Specifying Member Properties – Material Constants – Member Offset – Printing Member Information – Specifying Supports – Specifying Loads – Analysis Types – Post Analysis Print Command – Run Analysis – Post Processing Mode

UNIT- V FOUNDATION & PLATE, SHELL ELEMENTS 10

Introduction about Foundation – Support Coordinates – Load Defining – Design Constraints – Plate Shell Elements – Geometry Modeling Considerations – Distinguishing Features of Finite Element – One Way Slab – Two Way Slab – Shear Wall Modeling & Design – Solid Element – Water Tanks - Staircase

TOTAL: 50 PERIODS



DEPARTMENT OF CIVIL ENGINEERING

COURSE PLAN

COURSE NAME: Staad Pro

- This course is structured in a simple way to chase the elements starting from basic concepts to more direct applications.
- The course will enable building experts to get ahead in the learning curve of Structure Analyzing and Designing. A system that is currently fascinating the industry, of which there is a demand for skilled persons.

COURSE OBJECTIVE

1. To automate their tasks by removing the tedious and long procedures of the manual methods.
2. To learn the concepts of steps involved in structural analysis and design of concrete & steel.
3. To analyze and design virtually any type of structure.
4. To know about flexible modeling environment, advanced features, and fluent data collaboration

TEXT BOOKS

T1. STAAD.PRO V8i Reference Guide

SOFTWARE: Staad Pro V8i

WEB RESOURCES

W1. www.staadpro.info/staadpro-tutorial/

W2. [www.lynda.com/staadpro-tutorials/staadpro-2016-Essential- Training-Metric/370805-2.html](http://www.lynda.com/staadpro-tutorials/staadpro-2016-Essential-Training-Metric/370805-2.html)

W3. www.cad-notes.com/category/staadpro-articles

W4. www.udemy.com/staadpro-for-beginners/

Power Point Presentation (PPT)

P1. <http://www.slideshare.net/niict/staad-pro>

P2. [http://www.slideshare.net/ryanabarton/staadpro for beginners- Presentation](http://www.slideshare.net/ryanabarton/staadpro-for-beginners-Presentation)

P3. https://gullnet.endicott.edu/ICS/icsfs/intro_staad.ppt?target=c0625e96-ceg5-584a-wedr-5h12589ui682

Topic No	Topic	Books for Reference	Page No.	No. of Hours Required	Cumulative No. of periods
UNIT I OVERVIEW OF STAAD PRO (10)					
1.	Introduction about STAAD.Pro	T1	1	1	1
2.	Types of structures	T1	2	2	3
3.	Coordinate systems	T1	4	2	5
4.	Staad Elements	T1	7-10	3	8
5.	Support Specifications	T1	11	2	10

LEARNING OUTCOME

At the end of unit, students will be able to

- Describe the types of structures
- Work with different types of staad elements
- Explore the Staad pro user interface
- Start a new project with new templates.

UNIT II MODEL GENERATION & MODEL EDITING (10)

6.	Creating New File	T1	12-14	1	11
7.	Methods of creating model	T1	15-16	1	12
8.	Model Generation using Staad editor	T1	17-18	2	14
9.	Model Generation using Geometry method	T1	19-23	2	16
10.	Model Generation using Structure Wizard	T1	24-26	2	18
11.	Model Editing Tools	T1	27-41	1	20

LEARNING OUTCOME

At the end of unit, students will be able to

- Create a new file using staad commands
- Can create a new model
- Generate models using staad editor, Geometry method & Structure wizard
- Can easily use staad pro with model editing tools

UNIT III LOADS (10)

Topic No	Topic	Books for Reference	Page No.	No. of Hours Required	Cumulative No. of periods
12.	Introduction about loads	T1	42 -43	1	21
13.	Nodal loads, Member loads	T1	44 -47	2	23
14.	Prestress & Post stress member load	T1	48-51	2	25
15.	Temperature & Strain load	T1	52-53	2	27
16.	Wind load, Load Generator	T1	54-55	1	28
17.	Load Combination	T1	56-65	2	30

LEARNING OUTCOME

At the end of unit, students will be able to

- Add and modify Loads for the project
- Know about the different types of floors and their properties
- Use different types of loads as per the requirements
- Create and modify section with different load combinations

UNIT IV ANALYSIS AND DESIGN

(10)

18.	Inputting the Job Information & Generating 3D Models	T1	66-67	2	32
19.	Assigning the Material & Specifying Member Properties	T1	68-69	2	34
20.	Material Constants & Specifying supports	T1	70-71	2	36
21.	Specifying loads, Analysis types	T1	72-73	2	38
22.	Post Analysis	T1	74	1	39
23.	Run Analysis & Post processing	T1	75-76	1	40

LEARNING OUTCOME

At the end of unit, students will be able to

- Inputting informations and generating 3D models
- Assign materials and specify properties of members
- Can specify loads and run analysis
- Work in post processing mode

UNIT V FOUNDATION & PLATE, SHELL ELEMENTS

(10)

24.	Introduction about Foundation	T1	77-78	1	41
25.	Support Coordinates & Load Defining	T1	79-81	2	43
26.	Design Constraints , Plate Shell Elements	T1	82-83	2	45
27.	Geometry Modeling Considerations	T1	84-85	1	46
28.	One Way Slab , Two Way Slab	T1	86-88	1	47
29.	Shear Wall Modeling & Design	T1	89-92	2	49
30.	Water Tanks , Staircase	T1	93-94	1	50

LEARNING OUTCOME

At the end of unit, students will be able to

- Understand the concepts of foundation
- Assign support coordinates and loads
- Under the concepts of plate shell elements
- Can design shear walls, slabs, water tanks & Staircase



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Anna University, Chennai)



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2016 - 2017) EVEN SEMESTER
MY CREDIT COURSE
ASSESSMENT TEST - I MARKS STATEMENT

YEAR/SEC/SEM:IV / VIII
DATE: 19.1.17

TOTAL STRENGTH:69
(BATCH 2013-2017)

ROLL NO	REG.NO	STUDENT NAME	MARKS
1	821113103001	ABDUR RAHIM M	53
2	821113103002	AJITH KUMAR R	50
3	821113103003	ANUPRIYA K	58
4	821113103004	ANWAR BASHA M	57
5	821113103005	ARAVINDAN N	38
6	821113103007	ARAVINTHAN N	49
7	821113103008	ASHOK SABAPATHY A	57
8	821113103009	ATHVANI G	54
9	821113103010	CHANDRU G	39
10	821113103011	CHATHRUGAN SINGHA T	56
11	821113103012	DINESH R	40
12	821113103013	DIVYA S	AB
13	821113103014	GAYATHRI S	64
14	821113103015	GUNASHREE S	47
15	821113103016	HARI PRAKASH P	AB
16	821113103017	JAYASURYA P	55
17	821113103018	KALANITHI S	65
18	821113103019	KARTHIKA L	50
19	821113103020	KAUKISH RAJ A P	60
20	821113103021	KEERTHANA K	38
21	821113103022	KEERTHANA P S	AB
22	821113103023	LEO MARTIN P	62
23	821113103024	MAHESWARI M	48
24	821113103025	MANI RAGAVENDRAN S	48
25	821113103027	MOHAN RAJ N	56
26	821113103028	NIVETHA LAKSHMI K	42
27	821113103029	PRAGADEESH S	60
28	821113103030	PRAHADEESWARI B	58
29	821113103031	PREETHI T	60
30	821113103032	PRIYA M	AB
31	821113103033	PUNITH GOKUL N	52
32	821113103034	RAGAVI M	58

33	821113103035	RAGHUL R	60
34	821113103036	RAHUL M	53
35	821113103037	RAJARETHINAM T B	50
36	821113103038	RAMPRAKASH B	58
37	821113103039	RAMPRAKASH L	57
38	821113103040	RANJITHA S	38
39	821113103041	RENISTAN S	49
40	821113103042	SACHIN KUMAR V	57
41	821113103043	SAKTHIVEL A	54
42	821113103044	SANTHOSH S	39
43	821113103045	SARANYA P	56
44	821113103046	SATHISH KUMAR T	40
45	821113103047	SATHIYARAJ R	52
46	821113103048	SAVITHASHRI V G	64
47	821113103049	SOUNDARYA P	47
48	821113103050	SOWMIYA R	53
49	821113103052	SUHASINI T	55
50	821113103053	SUMEHA P S	41
51	821113103054	SWATHL K	68
52	821113103055	TAMILSELVAN B	58
53	821113103056	VENMUKILAN K	57
54	821113103057	VIGNESH A J	39
55	821113103058	VIGNESH RAJA N	40
56	821113103059	VIJAY N	90
57	821113103060	VISAGAI P	56
58	832111310301	ANBALAGAN.M	46
59	832111310302	DURAI THAMILAN.D	58
60	832111310303	GUNASEELAN.R	57
61	832111310304	KATHIRESAN.G	38
62	832111310305	PRIYADHARSHINI.E	49
63	832111310306	RANJITHKUMAR.M	57
64	832111310307	SENTHAMARAI SELVAM.A	54
65	832111310308	UMAMAHESHWARI.R	39
66	832111310309	VIGNESH.V	56
67	821113103501	RAJMOHAN.K	40
68		Y.DHIVAKAR	58
69		G.SARATH KUMAR	54

TOTAL NO OF STUDENTS =69

TOTAL NO OF STUDENTS PRESENT=65

TOTAL NO OF STUDENTS ABSENT=04

S. Venkatesh
SUBJECT INCHARGE

S. Venkatesh
HOD/CIVIL



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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR (2016 – 2017) EVEN SEMESTER
MY CREDIT COURSE
ASSESSMENT TEST - II MARKS STATEMENT

YEAR/SEC/SEM:IV / VIII
DATE: 22.2.17

TOTAL STRENGTH:69
(BATCH 2013-2017)

ROLL NO	REG.NO	STUDENT NAME	MARKS
1	821113103001	ABDUR RAHIM M	54
2	821113103002	AJITH KUMAR R	39
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12	821113103013	DIVYA S	53
13	821113103014	GAYATHRI S	50
14	821113103015	GUNASHREE S	58
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16	821113103017	JAYASURYA P	38
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35	821113103037	RAJARETHINAM T B	64
36	821113103038	RAMPRAKASH B	47
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38	821113103040	RANJITHA S	38
39	821113103041	RENISTAN S	49
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46	821113103048	SAVITHASHRI V G	64
47	821113103049	SOUNDARYA P	47
48	821113103050	SOWMIYA R	53
49	821113103052	SUHASINI T	55
50	821113103053	SUMEHA P S	41
51	821113103054	SWATHI.K	68
52	821113103055	TAMILSELVAN B	58
53	821113103056	VENMUKILAN K	57
54	821113103057	VIGNESH A J	39
55	821113103058	VIGNESH RAJA N	40
56	821113103059	VIJAY N	AB
57	821113103060	VISAGAI P	56
58	832111310301	ANBALAGAN.M	40
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60	832111310303	GUNASEELAN.R	64
61	832111310304	KATHIRESAN.G	47
62	832111310305	PRIYADHARSHINI.E	53
63	832111310306	RANJITHKUMAR.M	55
64	832111310307	SENTHAMARAI SELVAM.A	41
65	832111310308	UMAMAHESHWARI.R	68
66	832111310309	VIGNESH.V	58
67	821113103501	RAJMOHAN.K	57
68		Y.DHIVAKAR	40
69		G.SARATH KUMAR	52

TOTAL NO OF STUDENTS =69

TOTAL NO OF STUDENTS PRESENT=66

TOTAL NO OF STUDENTS ABSENT=03

S. Janathi
SUBJECT INCHARGE

S. Janathi
HOD/CIVIL 22/2/17