



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 1

CURRICULAR ASPECTS

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

1.2 Academic Flexibility (30)

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

AND

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

VAC Title:	REVIT ARCHITECTURE				
Resource Person:	Mr.M.Tirupathi & Mr.M.Santhosh Trainer TM Design & Constructions Coimbatore				
Date of conduct from:	19.06.2018	To:	23.06.2018	Duration:	30 Hours
Organized Department:	DEPARTMENT OF CIVIL ENGINEERING				
Participant Year:	CIVIL II ,III, IV	Semester:	ODD	No. of Students Registered:	70
Venue:	CIVIL SEMINAR HALL				

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Ref: IGCE/CIVIL/2018-19/VAC/01

DATE: 13.06.2018

Department of Civil Engineering

Academic Year 2018-2019 – Odd Semester

DEPARTMENT CIRCULAR

Department of Civil Engineering and IGCE in association with TM design technology is going to organize Value Added Course for all second, third, and final year students on "REVIT ARCHITECTURE" from 19.06.2018 to 23.06.2018. Certificates will be issued to the eligible participants at the end of the course. This training is to be provided in our campus.


Resource Person Details:	Mr.M.Thirupathi Mr.S.Santhosh Trainers TM Design Technology Coimbatore
Venue:	Civil Seminar Hall


HOD/CIVIL


Principal

Cc:

- PRINCIPAL OFFICE
- HOD/CIVIL & Faculty Members
- All II,III and IV Year B.E CIVIL Classes
- Notice Board
- Office File


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.



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DEPARTMENT OF CIVIL ENGINEERING

Value Added Course on "REVIT ARCHITECTURE"

SYLLABUS

Dr. G. Balakrishnan, M.E., Ph.D.
Principal

Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction to Revitarchitecture basic commands creating and modifying wall creation door, window Creation component column and floor	3	19.06.2018
2	creating and modifying wall creation door, window Creation component column and floor	3	19.06.2018
3	Creation: roof and model text modify:scale,rotate,move and split offset stairs and ramp and railing Creation curtainwall ceiling and lamp, Edit profile to all object	3	20.06.2018
4	stairs and ramp and railing Creation curtain wall ceiling and lamp, Edit profile to all object	3	20.06.2018
5	Creation:room&area view edit geometry joining wall opening edit face	3	21.06.2018
6	split face &paint material annotate section& elevation	3	21.06.2018
7	Insert: link cad import cad rendering(modifying)&walk through Layout sheet, creation and modify	3	22.06.2018
8	walk through Layout sheet, creation and modify	3	22.06.2018
9	Create and edit family,solid,extrution,blend,revolve,Sweep over all doubt clarification Edit face :split face &paint material annotate section& elevation	3	23.06.2018
10	Edit face :split face &paint material annotate section& elevation	3	23.06.2018
11	Exam	1	23.06.2018
		Total Hours	30(Excluding test)

G. Balakrishnan
VAC Coordinator

S. Srinivasan
HOD/CIVIL



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STUDENTS PARTICIPATION LIST

VAC PROGRAM-REVIT ARCHITECTURE Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

Indra Ganesan College of Engineering
Trichy, Madurai Main Road
Manikandam, Trichy-620 012.

S.No.	Reg.No	Student's Name	Year/ Branch
1.	811215103001	ABDUL KHADER M	IV/CIVIL
2.	811215103002	ARAVIND M	IV/CIVIL
3.	811215103003	DINESH PANDIAN M	IV/CIVIL
4.	811215103004	DINESH N R	IV/CIVIL
5.	811215103005	DINESH S	IV/CIVIL
6.	811215103006	EZHIL NILAVAN S	IV/CIVIL
7.	811215103007	JAGANATH A	IV/CIVIL
8.	811215103008	JAGANATHAN J	IV/CIVIL
9.	811215103009	KARTHIK P	IV/CIVIL
10.	811215103010	KAVITHA G	IV/CIVIL
11.	811215103011	MANOJ AIRNEST A	IV/CIVIL
12.	811215103012	MATHAN KUMAR S	IV/CIVIL
13.	811215103013	NANDHINI P	IV/CIVIL
14.	811215103014	PRADEEP C	IV/CIVIL
15.	811215103015	PRIYADHARSHINI A	IV/CIVIL
16.	811215103016	RAGUPATHI R	IV/CIVIL
17.	811215103017	RANJITH KUMAR K	IV/CIVIL
18.	811215103020	SETHURAMAN K	IV/CIVIL
19.	811215103021	SINDHU S	IV/CIVIL
20.	811215103022	VARSHINI B	IV/CIVIL
21.	811215103023	VENGATESA PRASATH M	IV/CIVIL
22.	811215103024	VIGNESWARAN R	IV/CIVIL
23.	811215103025	VIGNESWARAN R	IV/CIVIL
24.	811215103026	VINITHA T	IV/CIVIL
25.	811215103027	YOGALAKSHM V	IV/CIVIL
26.	811215103028	RAMU S	IV/CIVIL
27.	811215103301	ABDUL AJEES B	IV/CIVIL
28.	811215103302	AKALYA P	IV/CIVIL
29.	811215103303	AYYAPPAN V	IV/CIVIL
30.	811215103304	NAVEEN KUMAR V	IV/CIVIL
31.	81121613001	AUGUSTIN RAJ J	III-CIVIL
32.	81121613002	DANISH AHAMED SHAREEF K	III-CIVIL
33.	81121613003	HARIHARAN M	III-CIVIL
34.	81121613005	ISHWARYA V	III-CIVIL
35.	81121613006	JAMES ALPHONE RAJ A	III-CIVIL
36.	81121613007	KALPANA K	III-CIVIL
37.	81121613008	KARTHICK K	III-CIVIL



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38.	81121613009	MATHIYAZHAGAN E	III-CIVIL
39.	81121613010	PREETHA S	III-CIVIL
40.	81121613011	SRINANDHINI V P	III-CIVIL
41.	81121613012	SYED AMIRDEEN S	III-CIVIL
42.	81121613013	VIGNESH K	III-CIVIL
43.	81121613014	YOGESHWARAN T	III-CIVIL
44.	81121613301	ARAVIND A	III-CIVIL
45.	81121613302	PRASANTH N R	III-CIVIL
46.	81121613303	RAJ GOKUL A B	III-CIVIL
47.	81121613304	THIRUMALAI VASAN T	III-CIVIL
48.	81121613701	HARIHARAN T	III-CIVIL
49.	81121613702	MANOJKUMAR A	III-CIVIL
50.	81121613703	NAVINKUMAR R	III-CIVIL
51.	811217103001	AISHWARIYA P	II- CIVIL
52.	811217103002	AKASH S	II- CIVIL
53.	811217103003	AROCKIA RENALDO J	II- CIVIL
54.	811217103004	AVINASH KUMAR R	II- CIVIL
55.	811217103005	BALAJI S	II- CIVIL
56.	811217103006	BALASUBRAMANI R	II- CIVIL
57.	811217103007	DEEPAN S K	II- CIVIL
58.	811217103008	GAYATHRI A	II- CIVIL
59.	811217103009	KOKILA P	II- CIVIL
60.	811217103010	MANIKANDAN G	II- CIVIL
61.	811217103011	MOUNIKA M	II- CIVIL
62.	811217103012	NAVANEETHAN KRISHNAN K	II- CIVIL
63.	811217103013	PALANIYAPPAN N	II- CIVIL
64.	811217103014	SALEEM KHAN S	II- CIVIL
65.	811217103015	SATHISH KUMAR S	II- CIVIL
66.	811217103016	THAMARI SELVI K	II- CIVIL
67.	811217103301	ARUN PRASATH R	II- CIVIL
68.	811217103302	JOEL FERNANDEZ R	II- CIVIL
69.	811217103303	SUMITHRA R	II- CIVIL
70.	811217103304	THIRUPATHI RAJA G	II- CIVIL


VAC Coordinator


HOD/CIVIL


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Name of the Student :

Year/Sem:

AU Register Number:

Value Added Course on "REVIT ARCHITECTURE"

MCQ QUESTIONS (25X1 = 25 Marks)

1. What is the purpose of Story Levels in a Revit project?
 - a) To establish floor to floor heights
 - b) To set a stage
 - c) To balance the building
 - d) To establish the normal level of the floors
2. When constructing stairs in a building with more than two floors, which option should you use to ensure that the stairs and railings are consistent from floor to floor?
 - a) Multi story Stair Run
 - b) Stair Duplicate
 - c) Complex Vertical Measure
 - d) Multi story Top Level
3. _____ is used to place column grid lines in the building design.
 - a) Symbol
 - b) Level
 - c) Bubble
 - d) Grid
4. _____ is a process of drawing elements in Revit Architecture.
 - a) Analysis Display Styles
 - b) Extrusions
 - c) Resizing
 - d) Sketching
5. What is the short key of Model Line?
 - a) ML
 - b) MLI
 - c) LI
 - d) LINE
6. What is the short key of Modify?
 - a) MO
 - b) MD
 - c) MF
 - d) MOD
7. What is the short key of Create Group?
 - a) G
 - b) GR
 - c) GP
 - d) CG


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8. What is the short key of Room?
 - a) RM
 - b) RO
 - c) AR
 - d) RA

9. What is the short key of Reference Plane?
 - a) RP
 - b) RF
 - c) PL
 - d) PN

10. What is the short key of Aligned Dimension?
 - a) AD
 - b) DA
 - c) AL
 - d) DI

11. What is the short key of Hide Element?
 - a) HE
 - b) EH
 - c) HD
 - d) EL

12. What is the short key of Hide Category?
 - a) CH
 - b) HC
 - c) VH
 - d) MH

13. What is the short key of Delete?
 - a) D
 - b) DL
 - c) DE
 - d) DT

14. What is the short key of Split Element?
 - a) SE
 - b) SP
 - c) SL
 - d) ST

15. What is the short key of Mirror - Pick axis?
 - a) M
 - b) DM
 - c) MM
 - d) MI


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16. You can hide objects or unhide objects from which toolbar?
- a) Status bar
 - b) View control bar
 - c) Quick access toolbar
 - d) Options bar
17. When you've selected multiple elements in a design, use the _____ tool to select just walls.
- a) Filter
 - b) Mirror
 - c) Trim/Extend
 - d) All of the Above
18. . When creating a straight run, the run lines that indicate slope are _____ color.
- a) Blue
 - b) Green
 - c) Red
 - d) Black
19. Which of the following is not a type of mass in Revit?
- a) Sweep
 - b) Spline
 - c) Extrusion
 - d) Revolve
20. What tab contains the Import panel in Ribbon bar?
- a) Modify tab
 - b) Manage tab
 - c) Collaborate tab
 - d) Insert tab
21. What option(s) from the choice below are available in the In-Place Mass editor mode?
- a) Line tool
 - b) Circle tool
 - c) Rectangle tool
 - d) All of the above
22. When no model elements are selected, the Properties palette displays _____.
- a) Nothing
 - b) View properties
 - c) Editing tools
 - d) None of the above


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23. To add mullions to a certain panel you can place a mullion _____.

- a) Continuously along a grid line
- b) Even on all empty grids
- c) Continuously along a segment of a grid line
- d) All of the above

24. The option to load component families into your project is on which tab in Ribbon Bar?

- a) Insert tab
- b) Massing & Site tab
- c) View tab
- d) Collaborate tab

25. Sketches for railings can consist of _____.

- a) Lines that cross
- b) A series of connected lines
- c) Overlapping lines
- d) All of the above

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Value Added Course on "REVIT ARCHITECTURE"

ANSWER KEY

1	d	6	b	11	b	16	b	21	d
2	a	7	b	12	b	17	a	22	b
3	d	8	b	13	c	18	b	23	a
4	c	9	a	14	c	19	b	24	a
5	c	10	d	15	d	20	d	25	a

G. Balakrishnan
VAC Coordinator

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REPORT ON VALUE ADDED COURSE

Title:

REVIT ARCHITECTURE

Resource Person:

Mr.M.Thirupathi
Mr.S.Santhosh
TM design technology
Coimbatore

Date of conduct from :

19.06.2018

To:

23.06.2018

Duration:

30 Hours

Organized Department :

Civil Engineering

Participant Year:

2, 3, 4

No. of Students Registered :

70

Venue:

Civil Seminar Hall

Outcome of Value Added Course (VAC): At the end of the Course, Students can able to

- Know real-world importance of software in civil engineering
- Know how to perform in civil software in industries.
- Study about importance of civil engineering software's.
- Students are expected to learn and practice the skills they will need in the workplace.
- Develop a foundational understanding of civil software's.

Assessment Process

- Students, who are securing **more than 70% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

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VAC COORDINATOR

HoD/CIVIL

PRINCIPAL



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REPORT ON VALUE ADDED COURSE

PHOTO OF THE SESSION:



G. Bhuj
VAC Coordinator

Sivasamy
HOD/CIVIL

[Signature]
PRINCIPAL

[Signature]

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STUDENTS PARTICIPATION LIST

MARK SHEET FOR VALUE ADDED COURSE PROGRAM - REVIT ARCHITECTURE

S.No.	Reg.No	Student's Name	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of Session Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1.	811215103001	ABDUL KHADER M	IV/CIVIL	30	100	20	80	90
2.	811215103002	ARAVIND M	IV/CIVIL	30	100	20	80	90
3.	811215103003	DINESH PANDIAN M	IV/CIVIL	30	100	22	88	94
4.	811215103004	DINESH N R	IV/CIVIL	30	100	20	80	90
5.	811215103005	DINESH S	IV/CIVIL	30	100	22	88	96
6.	811215103006	EZHIL NILAVAN S	IV/CIVIL	30	100	20	80	90
7.	811215103007	JAGANATH A	IV/CIVIL	30	100	20	80	90
8.	811215103008	JAGANATHAN J	IV/CIVIL	30	100	22	88	94

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9.	811215103009	KARTHIK P	IV/CIVIL	30	100	20	80	90
10.	811215103010	KAVITHA G	IV/CIVIL	30	100	20	80	90
11.	811215103011	MANOJ AIRNEST A	IV/CIVIL	30	100	22	88	94
12.	811215103012	MATHAN KUMAR S	IV/CIVIL	30	100	20	80	90
13.	811215103013	NANDHINI P	IV/CIVIL	30	100	22	88	94
14.	811215103014	PRADEEP C	IV/CIVIL	30	100	22	88	94
15.	811215103015	PRIYADHARSHINI A	IV/CIVIL	30	100	20	80	90
16.	811215103016	RAGUPATHI R	IV/CIVIL	30	100	20	80	90
17.	811215103017	RANJITH KUMAR K	IV/CIVIL	30	100	20	80	90
18.	811215103020	SETHURAMAN K	IV/CIVIL	30	100	20	80	90
19.	811215103021	SINDHU S	IV/CIVIL	30	100	20	80	90
20.	811215103022	VARSHINI B	IV/CIVIL	30	100	20	80	90
21.	811215103023	VENGATESA PRASATH M	IV/CIVIL	30	100	20	80	90

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22.	811215103024	VIGNESWARAN R	IV/CIVIL	30	100	20	80	90
23.	811215103025	VIGNESWARAN R	IV/CIVIL	30	100	20	80	90
24.	811215103026	VINITHA T	IV/CIVIL	30	100	22	88	94
25.	811215103027	YOGALAKSHM V	IV/CIVIL	30	100	20	80	90
26.	811215103028	RAMU S	IV/CIVIL	30	100	20	80	90
27.	811215103301	ABDUL AJEES B	IV/CIVIL	30	100	22	88	94
28.	811215103302	AKALYA P	IV/CIVIL	30	100	20	80	90
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30.	811215103304	NAVEEN KUMAR V	IV/CIVIL	30	100	20	80	90
31.	81121613001	AUGUSTIN RAJ J	III/CIVIL	30	100	20	80	90
32.	81121613002	DANISH AHAMED SHAREEF K	III/CIVIL	30	100	20	80	90
33.	81121613003	HARIHARAN M	III/CIVIL	30	100	21	84	92
34.	81121613005	ISHWARYA V	III/CIVIL	30	100	20	80	90

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35.	81121613006	JAMES ALPHONE RAJ A	III/CIVIL	30	100	21	84	92
36.	81121613007	KALPANA K	III/CIVIL	30	100	20	80	90
37.	81121613008	KARTHICK K	III/CIVIL	30	100	21	84	92
38.	81121613009	MATHIYAZHAGAN E	III/CIVIL	30	100	20	80	90
39.	81121613010	PREETHA S	III/CIVIL	30	100	21	84	92
40.	81121613011	SRINANDHINI V P	III/CIVIL	30	100	20	80	90
41.	81121613012	SYED AMIRDEEN S	III/CIVIL	30	100	21	84	92
42.	81121613013	VIGNESH K	III/CIVIL	30	100	20	80	90
43.	81121613014	YOGESHWARAN T	III/CIVIL	30	100	21	84	92
44.	81121613301	ARAVIND A	III/CIVIL	30	100	20	80	90
45.	81121613302	PRASANTH N R	III/CIVIL	30	100	21	84	92
46.	81121613303	RAJ GOKUL A B	III/CIVIL	30	100	20	80	90
47.	81121613304	THIRUMALAI VASAN T	III/CIVIL	30	100	21	84	92

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48.	81121613701	HARIHARAN T	III/CIVIL	30	100	20	80	90
49.	81121613702	MANOJKUMAR A	III/CIVIL	30	100	21	84	92
50.	81121613703	NAVINKUMAR R	III/CIVIL	30	100	22	88	90
51.	811217103001	AISHWARIYA P	II/CIVIL	30	100	20	80	90
52.	811217103002	AKASH S	II/CIVIL	30	100	22	88	94
53.	811217103003	AROCKIA RENALDO J	II/CIVIL	30	100	19	76	88
54.	811217103004	AVINASH KUMAR R	II/CIVIL	30	100	19	76	88
55.	811217103005	BALAJI S	II/CIVIL	30	100	19	76	88
56.	811217103006	BALASUBRAMANI R	II/CIVIL	30	100	21	84	92
57.	811217103007	DEEPAN S K	II/CIVIL	30	100	19	76	88
58.	811217103008	GAYATHRI A	II/CIVIL	30	100	21	84	92
59.	811217103009	KOKILA P	II/CIVIL	30	100	20	80	90
60.	811217103010	MANIKANDAN G	II/CIVIL	30	100	19	76	88

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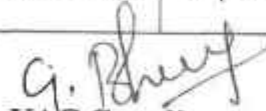
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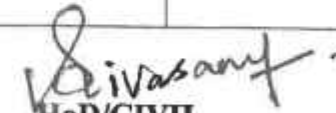
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61.	811217103011	MOUNIKA M	II/CIVIL	30	100	21	84	90
62.	811217103012	NAVANEETHAN KRISHNAN K	II/CIVIL	30	100	20	80	90
63.	811217103013	PALANIYAPPAN N	II/CIVIL	30	100	20	80	90
64.	811217103014	SALEEM KHAN S	II/CIVIL	30	100	22	88	94
65.	811217103015	SATHISH KUMAR S	II/CIVIL	30	100	20	80	90
66.	811217103016	THAMARI SELVI K	II/CIVIL	30	100	20	80	90
67.	811217103301	ARUN PRASATH R	II/CIVIL	30	100	22	88	94
68.	811217103302	JOEL FERNANDEZ R	II/CIVIL	30	100	20	80	90
69.	811217103303	SUMITHRA R	II/CIVIL	30	100	20	80	90
70.	811217103304	THIRUPATHI RAJA G	II/CIVIL	30	100	22	88	94


VAC Coordinator




HoD/CIVIL

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 Department of CIVIL ENGINEERING

Academic Year 2018-2019 – Odd Semester

STUDENTS PARTICIPATION LIST

VAC PROGRAM-REVIT ARCHITECTURE

S.No.	Reg.No	Student's Name	Year/ Branch	DATE: 19 06 2018		DATE: 26 06 2018		DATE: 21 06 2018		DATE: 27 06 2018		DATE: 23 06 2018		NO OF SESSIO NS ATTEN DED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1.	811215103001	ABDUL KHADER M	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	M. Abdul Khader
2.	811215103002	ARAVIND M	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Aravind M
3.	811215103003	DINESH PANDIAN M	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Dinesh Pandian M
4.	811215103004	DINESH N R	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Dinesh N R
5.	811215103005	DINESH S	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Dinesh S
6.	811215103006	EZHIL NILAVAN S	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Ezhil Nilavan S
7.	811215103007	JAGANATHA	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Jaganatha
8.	811215103008	JAGANATHAN J	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Jaganathan J

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21	811215103023	VENGATESA PRASATH M	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Vigneshwar R
22	811215103024	VIGNESWARAN R	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Vigneshwar R
23	811215103025	VIGNESWARAN R	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Vigneshwar R
24	811215103026	VINITHA T	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	P. Vigneshwar
25	811215103027	YOGALAKSHMI V	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Vinitha T
26	811215103028	RAMU S	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Yogalakshmi V
27	811215103301	ABDUL AJEES B	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Abdul Ajees B
28	811215103302	AKAIYA P	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Abdul Ajees B
29	811215103303	AYYAPPAN V	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	P. Ayyappan V
30	811215103304	NAVEEN KUMAR V	IV/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Ayyappan V
31	81121613001	AUGUSTIN RAJ J	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Naaveen Kumar V
32	81121613002	DANISH AHMED	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Augustin Raj J

(Handwritten signature in blue ink)

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Department of CIVIL ENGINEERING Academic Year 2018-2019 - Odd Semester

		SHAREEF K																
33.	81121613003	HARISHARAN M	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Harish
34.	81121613005	ISHWARYA V	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	ishwarya v
35.	81121613006	JAMES ALPHONE RAJA	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	James Alphonse Raja
36.	81121613007	KALPANA K	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Kalpana
37.	81121613008	KARTHICK K	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Karthick K
38.	81121613009	MATHIYAZHAGAN E	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	mathiyazhagan E
39.	81121613010	PREETHA S	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	preetha s
40.	81121613011	SRINANDHINI V P	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Srinandhini
41.	81121613012	SYED AMIRDEEN S	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	syed Amirdeen S
42.	81121613013	VIGNESH K	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Vignesh K
43.	81121613014	YOGESHWARAN T	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	yogeshwaran T



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Academic Year 2018-2019 - Odd Semester

44.	81121613301	ARAVIND A	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Aravind
45.	81121613302	PRASANTH N R	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	NR. Pranth
46.	81121613303	RAJ GOKUL A B	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	R. Gokul
47.	81121613304	THIRUMALAI VASANT	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Thirumalai
48.	81121613701	HARIHARAN T	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	T. Hariharan
49.	81121613702	MANOJKUMAR A	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	A. Manojkumar
50.	81121613703	NAVINKUMAR R	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	R. Navinkumar
51.	811217103001	AISHWARJYA P	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	P. Aishwarya
52.	811217103002	AKASH S	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	S. Akash
53.	811217103003	AROCKIA RENALDO J	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	J. Arockia Renaldo
54.	811217103004	AVINASH KUMAR R	III/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	R. Avinash Kumar

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Academic Year 2018-2019 – Odd Semester

55	811217103005	BALAJI S	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Balaji S
56	811217103006	BALASUBRAMANI R	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Balasubramani R
57	811217103007	DEEPAN S K	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Deepan S K
58	811217103008	GAYATHRI A	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Gayathri A
59	811217103009	KOKILA P	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Kokila P
60	811217103010	MANIKANDAN G	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Manikandan G
61	811217103011	MOUNIKA M	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Mounika M
62	811217103012	NAVANEETHAN KRISHNAN K	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Navaneethan Krishnan K
63	811217103013	PALANIYAPPAN N	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Palaniyappan N
64	811217103014	SALLEEM KHAN S	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Salleem Khan S
65	811217103015	SATHISH KUMAR S	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Sathish Kumar S
66	811217103016	THAMARI SELVI K	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	10	Thamari Selvi K

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Academic Year 2018-2019 - Odd Semester

67.	811217103301	ARUN PRASATH R	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Arum Prasad
68.	811217103302	JOEL FERNANDEZ R	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	R. JOE
69.	811217103303	SUMITHRA R	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	R. Sri
70.	811217103304	THIRUPATHI RAJA G	II/CIVIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	R. Raju


G. Balakrishnan
H.C Coordinator





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Name of the Student : Dinesh - S


Year/Sem: IV / civil

AU Register Number: 811215103005

Value Added Course on "REVIT ARCHITECTURE"

MCQ QUESTIONS (25X1 = 25 Marks)

1. What is the purpose of Story Levels in a Revit project?
 - a) To establish floor to floor heights
 - b) To set a stage
 - c) To balance the building
 - d) To establish the normal level of the floors
2. When constructing stairs in a building with more than two floors, which option should you use to ensure that the stairs and railings are consistent from floor to floor?
 - a) Multi story Stair Run
 - b) Stair Duplicate
 - c) Complex Vertical Measure
 - d) Multi story Top Level
3. _____ is used to place column grid lines in the building design.
 - a) Symbol
 - b) Level
 - c) Bubble
 - d) Grid
4. _____ is a process of drawing elements in Revit Architecture.
 - a) Analysis Display Styles
 - b) Extrusions
 - c) Resizing
 - d) Sketching
5. What is the short key of Model Line?
 - a) ML
 - b) MLI
 - c) LI
 - d) LINE
6. What is the short key of Modify?
 - a) MO
 - b) MD
 - c) MF
 - d) MOD
7. What is the short key of Create Group?
 - a) G
 - b) GR
 - c) GP
 - d) CG


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8. What is the short key of Room?
- a) RM
 - b) RO
 - c) AR
 - d) RA
9. What is the short key of Reference Plane?
- a) RP
 - b) RF
 - c) PL
 - d) PN
10. What is the short key of Aligned Dimension?
- a) AD
 - b) DA
 - c) AI
 - d) DI
11. What is the short key of Hide Element?
- a) HE
 - b) EH
 - c) HD
 - d) EL
12. What is the short key of Hide Category?
- a) CH
 - b) HC
 - c) VH
 - d) MH
13. What is the short key of Delete?
- a) D
 - b) DL
 - c) DE
 - d) DT
14. What is the short key of Split Element?
- a) SE
 - b) SP
 - c) SL
 - d) ST
15. What is the short key of Mirror - Pick axis?
- a) M
 - b) DM
 - c) MM
 - d) MI


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16. You can hide objects or unhide objects from which toolbar?

- a) Status bar
- b) View control bar
- c) Quick access toolbar
- d) Options bar

17. When you've selected multiple elements in a design, use the _____ tool to select just walls.

- a) Filter
- b) Mirror
- c) Trim/Extend
- d) All of the Above

18. When creating a straight run, the run lines that indicate slope are _____ color.

- a) Blue
- b) Green
- c) Red
- d) Black

19. Which of the following is not a type of mass in Revit?

- a) Sweep
- b) Spline
- c) Extrusion
- d) Revolve

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20. What tab contains the Import panel in Ribbon bar?

- a) Modify tab
- b) Manage tab
- c) Collaborate tab
- d) Insert tab

21. What option(s) from the choice below are available in the In-Place Mass editor mode?

- a) Line tool
- b) Circle tool
- c) Rectangle tool
- d) All of the above

22. When no model elements are selected, the Properties palette displays _____.

- a) Nothing
- b) View properties
- c) Editing tools

d) None of the above



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23. To add mullions to a certain panel you can place a mullion

- a) Continuously along a grid line
- b) Even on all empty grids
- c) Continuously along a segment of a grid line
- d) All of the above

24. The option to load component families into your project is on which tab in Ribbon Bar?

- a) Insert tab
- b) Massing & Site tab
- c) View tab
- d) Collaborate tab

25. Sketches for railings can consist of _____.

- a) Lines that cross
- b) A series of connected lines
- c) Overlapping lines
- d) All of the above

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Name of the Student : *Smita . R*

Year/Sem: *I / civil*

AU Register Number: *811217103903*

Value Added Course on "REVIT ARCHITECTURE"

MCQ QUESTIONS (25X4 = 100 Marks)

1. What is the purpose of Story Levels in a Revit project?

- a) To establish floor to floor heights
- b) To set a stage
- c) To balance the building
- d) To establish the normal level of the floors

2. When constructing stairs in a building with more than two floors, which option should you use to ensure that the stairs and railings are consistent from floor to floor?

- a) Multi story Stair Run
- b) Stair Duplicate
- c) Complex Vertical Measure
- d) Multi story Top Level

3. _____ is used to place column grid lines in the building design.

- a) Symbol
- b) Level
- c) Bubble
- d) Grid

4. _____ is a process of drawing elements in Revit Architecture.

- a) Analysis Display Styles
- b) Extrusions
- c) Resizing
- d) Sketching

5. What is the short key of Model Line?

- a) ML
- b) MLI
- c) LI
- d) LINE

6. What is the short key of Modify?

- a) MO
- b) MD
- c) MF
- d) MOD

7. What is the short key of Create Group?

- a) G
- b) GR
- c) GP
- d) CG

20

25

(Signature)
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14. What is the short key of Split Element?
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15. What is the short key of Mirror - Pick axis?
- a) M
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16. You can hide objects or unhide objects from which toolbar?

- a) Status bar
- b) View control bar
- c) Quick access toolbar
- d) Options bar

17. When you've selected multiple elements in a design, use the _____ tool to select just walls.

- a) Filter
- b) Mirror
- c) Trim/Extend
- d) All of the Above

18. . When creating a straight run, the run lines that indicate slope are _____ color.

- a) Blue
- b) Green
- c) Red
- d) Black

19. Which of the following is not a type of mass in Revit?

- a) Sweep
- b) Spline
- c) Extrusion
- d) Revolve

20. What tab contains the Import panel in Ribbon bar?

- a) Modify tab
- b) Manage tab
- c) Collaborate tab
- d) Insert tab

21. What option(s) from the choice below are available in the In-Place Mass editor mode?

- a) Line tool
- b) Circle tool
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22. When no model elements are selected, the Properties palette displays _____.

- a) Nothing
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23. To add mullions to a certain panel you can place a mullion


- a) Continuously along a grid line
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24. The option to load component families into your project is on which tab in Ribbon Bar?

- a) Insert tab
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25. Sketches for railings can consist of _____.

- a) Lines that cross
- b) A series of connected lines
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Name of the Student : VIGNESH - K

Year/Sem: III / CIVIL

AU Register Number: 81121613013

Value Added Course on "REVIT ARCHITECTURE"

MCQ QUESTIONS (25X4 = 100 Marks)

1. What is the purpose of Story Levels in a Revit project?
 - a) To establish floor to floor heights
 - b) To set a stage
 - c) To balance the building
 - d) To establish the normal level of the floors
2. When constructing stairs in a building with more than two floors, which option should you use to ensure that the stairs and railings are consistent from floor to floor?
 - a) Multi story Stair Run
 - b) Stair Duplicate
 - c) Complex Vertical Measure
 - d) Multi story Top Level
3. _____ is used to place column grid lines in the building design.
 - a) Symbol
 - b) Level
 - c) Bubble
 - d) Grid
4. _____ is a process of drawing elements in Revit Architecture.
 - a) Analysis Display Styles
 - b) Extrusions
 - c) Resizing
 - d) Sketching
5. What is the short key of Model Line?
 - a) ML
 - b) MLI
 - c) LI
 - d) LINE
6. What is the short key of Modify?
 - a) MO
 - b) MD
 - c) MF
 - d) MOD
7. What is the short key of Create Group?
 - a) G
 - b) GR
 - c) GP
 - d) CG

20
25

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