Dr. Ambedkar Institute of technology, Bengaluru-56 Department of Civil Engineering

The enclosed documents are verified & approved.

Prof & Head

Dr. S. Vijaya

Department of Civil engineering

Professor and Head Department of civil Engineering . Ambredkar Institute of Technology Bangalore - 560 056

NAAC CO-ORDINATORS:

MARY BHARTA JATHI. J., Ast Projector D.

Do K Hemanth Kumar, Asst Projector D.

Dr. Ambedkar Institute of Technology, Bangalore - 560 056.

Department of Civil Engineering M.Tech: CSE (Structural Engineering) <u>Circular</u>

The **faculties guiding PG** are hereby informed to attend the presentation of students Project Work Phase – I (20CSEP29). The scheduled dates are as follows.

Sl. No	1	USN	Guide	Date of Presentation
1	AISHWARYA MANJUNATHA	1DA20CSE01	DARSHAN M K / PURNIMA K BIRANAGI	
2	AKASH GOWDA R	1DA20CSE02	Dr. S VIJAYA / MARY BHAGYA JYOTHI J	
3	D K KARUNASHREE	1DA20CSE03	NAVEEN KUMAR M	18/08/2021
4	G DEEPIKA	1DA20CSE04	Dr. S VIJAYA / SHARATH B	Wednesday 9:30 AM
5	GAGANDEEP M	1DA20CSE05	7.00 1111	
6	HARSHITH M	1DA20CSE06		
7	IMRAN HUSSAIN SIKDAR	1DA20CSE07	Dr. H R SRINIVAS	
8	MAMATHA A V	1DA20CSE08	Dr. S VIJAYA / MARY BHAGYA JYOTHI J	
9	MANOHAR L N	1DA20CSE09	Dr. M N HEGDE	19/08/2021
10	MANOJ M	1DA20CSE10	Dr. M N HEGDE	Thursday 9:30 AM
11	MANOJ M GANGUR	1DA20CSE11	B S SURESH CHANDRA	
12	NIKHIL N	1DA20CSE12	Dr. M N HEGDE	
13	NISHANTH K	1DA20CSE13	B S SURESH CHANDRA	
14	OMKAR SHANKAR PATIL	1DA20CSE14	Dr. M N HEGDE	
15	PARINEETHA M	1DA20CSE15	DARSHAN M K	21/08/2021
16	PRADEEP J	1DA20CSE16	Dr. S VIJAYA / SHARATH B	Saturday 9:30 AM
17	SANCHITHA C J	1DA20CSE17	Dr. H R SRINIVAS	7.50 AW
18	SHIVALI G HIREMATH	1DA20CSE18	B S SURESH CHANDRA	

Professor and Head

Department of civil Engineering

Ambedkar Institute of Technology

Bangalore 560 056.

Dr. Ambedkar Institute of Technology, Bengaluru-560 056

Department of Civil Engineering

M.Tech: Structural Engineering

Semester End (SEE) Examination Time Table March - 2022 (Autonomous)

20CSEP34 - PROJECT PHASE-I

Semester	Subject with Code	Date/Day	Name of Student	Candidates USN	Name of the Examiners	Company Name with designation & Address
III	Project Phase-I (20CSEP34)	21/03/2022 Monday	Harshith M	1DA20CSE06		"Karnataka Public Works Department" Office of Communication and Bridges (South), K R Circle, Nrupatunga Road, Bangalore 560048
			Shivali G Hiremath	1DA20CSE18		
III	Project Phase-I (20CSEP34)		Aishwarya Manjunatha	1DA20CSE01		"Civilsoft structural consultants" Properietor, Head office-21/26 Fourt, Behind Bangalore Medical College, Fourt F Street, Kalasipalyam, Bangalore, Karnataka 560002
			Parineetha M	1DA20CSE15		
III	Project Phase-I (20CSEP34)	21/03/2022 Monday	Akash Gowda R	1DA20CSE02		"Civilsoft structural consultants" Properietor, Head office-21/26 Fourt, Behind Bangalore Medical College, Fourt F Street, Kalasipalyam, Bangalore, Karnataka 560002
			G Deepika	1DA20CSE04		

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Professor & Head 13/22

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INSTRUCTOR

Bangalore - 560 056.



Dr. Ambedkar Institute of Technology, Bengaluru-560 056

Department of Civil Engineering

M.Tech: Structural Engineering

Semester End (SEE) Examination Time Table March - 2022 (Autonomous)

20CSEP34 - PROJECT PHASE-I

III	Project Phase-I (20CSEP34)	21/03/2022 Monday	D K Karunashree	1DA20CSE03	"Civilsoft structural consultants" Properietor, Head office-21/26 Fourt, Behind Bangalore Medical College, Fourt F Street,
			Gagandeep M	1DA20CSE05	Kalasipalyam, Bangalore, Karnataka 560002
III	Project Phase-I (20CSEP34)		Manoj M	1DA20CSE10	"Civilsoft structural consultants" Properietor, Head office-21/26 Fourt, Behind Bangalore Medical College, Fourt F Street,
			Nikhil N	1DA20CSE12	Kalasipalyam, Bangalore, Karnataka 560002
	Project Phase-I (20CSEP34)	21/03/2022 Monday	Manoj M Gangur	1DA20CSE11	"Civilsoft structural consultants" Properietor, Head office-21/26 Fourt, Behind Bangalore Medical College, Fourt F Street,
Ш			Nishanth K	1DA20CSE13	Kalasipalyam, Bangalore, Karnataka 560002

Professor & Head

Professor and Hazd

CHETHAN. C Department of civil Engineering Professor and Haed DNSTRUCTOR AMERICAN Institute of Technology

Bangatore - 560 056.

APPROVED BY Dean (Ekaminatibá)

Controller of Examinations Dr.Ambedkar Institute of Technology (An Autonomous Institute) Bangalore - 560 056.

Dr. Ambedkar Institute of Technology, Bengaluru-560 056

Department of Civil Engineering

M.Tech: Structural Engineering

Semester End (SEE) Examination Time Table March - 2022 (Autonomous)

20CSEP34 - PROJECT PHASE-I

III	Project Phase-I (20CSEP34)	21/03/2022 Monday	Sanchitha C J Imran Hussain Sikdar	1DA20CSE17 1DA20CSE07	"Civilsoft structural consultants" Properietor, Head office-21/26 Fourt, Behind Bangalore Medical College, Fourt F Street, Kalasipalyam, Bangalore, Karnataka 560002
III	Project Phase-I (20CSEP34)	21/03/2022 Monday	Mamatha A V Omkar Shankar	1DA20CSE08	"Civilsoft structural consultants" Properietor, Head office-21/26 Fourt, Behind Bangalore Medical College, Fourt F Street, Kalasipalyam, Bangalore, Karnataka
	I Project Phase-I 21/03/2022 Monday	Patil Manohar L N	1DA20CSE10	"KRP Design & Infra Solutions" Proprietor, SF1, 2nd Floor, Rathna Deepaka Building, 8th Cross,	
Ш		3	Pradeep J	1DA20CSE16	Jatappa Layout, JP Nagar, Bengaluru - 78

Professor & Head

Professor and Head (5)03/22 Department of civil Engineering CHETHANG Grebeckar Institute of Technology INSTRUCTOR Bangalore - 560 056.

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Dr. Ambedkar Institute of technology, Bengaluru-56 Department of Civil Engineering

The enclosed documents are verified & approved.

Prof & Head

Dr. S. Vijaya

Department of Civil engineering

Professor and Head Department of civil Engineering . Ambredkar Institute of Technology Bangalore - 560 056

NAAC CO-ORDINATORS:

MARY BHARTA JATHI. J., Ast Projector D.

Do K Hemanth Kumar, Asst Projector D.

DEPARTMENT OF CIVIL ENGINEERING



This is to certify that Mrs. AISHWARYA MANJUNATHA [1DA20CSE01], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the Dissertation report on "COMPARATIVE STUDY OF SEISMIC ANALYSIS ON RCC AND STEEL-CONCRETE-COMPOSITE BUILDINGS WITH BASE ISOLATION TECHNIQUES" in the fulfillment for fourth Semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Dissertation report has been approved as it satisfies the academic requirements in respect of dissertation work prescribed for the said degree.

Signature Internal Guide

Mrs. PURNIMA K BIRANAGI

Assistant Professor Dept of Civil Engineering Dr AIT Bengaluru

&

Co-Guide Mr. DARSHAN M K

Assistant Professor Dept of Civil Engineering Dr. AIT, Bengaluru

Signature HOD

Dr. S VIJAYA Professor & Head Dept of Civil Engineering Dr AIT Bengaluru

Signature Principal

Dr. M MEENAKSHI Principal Dr AIT Bengaluru

EXTERNAL VIVA

Name of the examiners

with date

Zummer LBsranagi

Signature

Near Jnana Bharathi Campus, Bengaluru-560056

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Mr. AKASH GOWDA R [1DA20CSE02], a bonafide student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "A STUDY ON STATIC AND DYNAMIC BEHAVIOUR OF OUTRIGGER STRUCTURAL SYSTEM FOR DIFFERENT STRUCTURAL CONFIGURATIONS" in the fullfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of project on prescribed for the said degree.

Signature of Dr. S VIJAYA

Signature of Principal Dr. M MEENAKSHI Department of civil Engineering

7. Ambedikar Institute of Technology Bangalore - 569 956

Signature of Co-Guide

Professor & Head

Dept. of Civil Eng.

MARY BHAGYA JYOTHI J

Assistant Professor Dept. of Civil Eng.

Dr.AIT

EXTERNAL VIVA

Name of the examiners

Signature with date

DEPARTMENT OF CIVIL ENGINEERING



Aided By Govt. of Karnataka

CERTIFICATE

This is to certify that Ms. D K KARUNASHREE [1DA20CSE03], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "A COMPARISON OF THE IMPACT OF EXPLOSIONS ABOVE AND BELOW GROUND ON RC STRUCTURE" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-2022. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

NAVEEN KUMAR M Assistant Professor, Dept. of Civil Eng.

Dr AIT

Professor & Head Pland
Deplement of Givil Page Professor of Ambedkarinstitute of Technology

Dr. M MEENAKSHI Principal Dr AIT

EXTERNAL SOPPA

Name of the examiners

1. DY. S. NETHRAVATHI 2. NAVEEN KUMAR.M. Signature with date

Near Jnana Bharathi Campus, Bengaluru-560056

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Ms G DEEPIKA [1DA20CSE04], a bonafide student of Dr Ambedkar Institute of Technology, has successfully presented the project report on "PARAMETRIC ANALYSIS OF CONCRETE FILLED DOUBLE SKINNED TUBULAR COLUMNS USING ABAQUS" in the fulfilment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of project on prescribed for the said degree.

Signature of Guide

Dr. S VIJAYA
Professor & Head

Dept. of Civil Eng.

Signature of HOD

Dr. S VIJAYA Professor & Head

Professor and He ad

Department of civil Engineering

Arabedkar Institute of Technology

Bangalore 3 560 056.

Signature of Guide Mr. SHARATH B Assistant Professor Dept. of Civil Eng. Signature of Principal Dr. M MEENAKSHI Principal

EXTERNAL VIVA

Name of the examiners

no Neelha us

Signature with date

7/10/22

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY Near Jnana Bharathi Campus, Bengaluru-560056 DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Mr. GAGANDEEP M [1DA20CSE05], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "NUMERICAL SIMULATION ON PROGRESSIVE COLLAPSE ANALYSIS OF REINFORCED CONCRETE STRUCTURES" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

M NAVEEN KUMAR
Assistant Professor,
Dept. of Civil Eng.

Dr. AIT

Dr. S VIJAYA Professor & Head,

Dept. of Civil Eng. Dr AIT Dr. M MEENAKSHI

Principal Dr. AIT

EXTERNAL VIVA

Name of the examiners

Signature with date

Dr. S. NETHRAVATHI

M. NAVEEN KUMAR.

Aletheallathis
O4/11/2022.

Near Jnana Bharathi Campus, Bengaluru-560056

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Mr. HARSHITH M [1DA20CSE06], a bonafide student of Dr. Ambedkar Institute of Technology, has successfully presented the Dissertation report on "COMPARITIVE STUDY AND SEISMIC ANALYSIS OF DOUBLE HEIGHT COLUMN RC BUILDING WITH RIGID DIAPHRAGM AND SEMI RIGID DIAPHRAGM" in the fulfillment for fourth Semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Dissertation report has been approved as it satisfies the academic requirements in respect of dissertation work prescribed for the said degree.

Signature

Internal Guide

Dr. M N HEGDE

Professor

Dept of Civil Engineering

Dr AIT Bengaluru

HOD

Dr. S VIJAYA

Professor & Head

Dept of Civil Engineering
Dr AIT Bengaluru

Bangalore - 560 U56 EXTERNAL VIVA

Signature

Principal

Dr. M MEENAKSHI

Principal

Dr AIT Bengaluru

Name of the examiners

with date

Signature

Dr. AIT, Bangalore.

Department of Civil Engineering.

2021-22

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that IMRAN HUSSAIN SIKDAR [IDA20CSE07], a bonafide student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "COMPARATIVE STUDY ON SEISMIC RETROFITTING TECHNIQUES OF MULTI-STOREY BUILDING FOR ALL SEISMIC ZONE" in the fulfilment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during academic year 2021-2022. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree

Dr. S VIJAYA
Guide & Professor
Dept. of Civil Eng.
Dr AIT

Dr. S VIJAYA
Professor & Head,
Dept. of Civil Eng.
Dr AIT

Dr. M MEENAKSHI Principal Dr AIT

EXTERNAL VIVA

Name of the examiners

Dr.S. Vijage

Signature with date

28/9/22 28/9/22

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Ms. MAMATHA A V [1DA20CSE08], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "PERFORMANCE ANALYSIS OF HIGH-RISE BUILDING WITH AND WITHOUT DAMPER" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of project on prescribed for the said degree.

Dr. S VIJAYA
Professor & Head,

Dept. of Civil Eng.

Dr. S VIJAYA Professor & Head, Dept. of Civil Eng. Dr. AIT Dr. M MEENAKSHI Principal

Dr. AIT

Co-Guide

Ms.MARY BHAGYA JYOTHI J

Assistant Professor Dept. of Civil Eng. Dr. AIT

EXTERNAL VIVA

Name of the examiners

Signature with date

1 Dr. Rambe Dui M

2 Di. S. Vijage

Rend 2 d9/2022

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Mr. MANOHAR L N [1DA20CSE09], a bonafide student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "STUDY ON PUSHOVER ANALYSIS OF STEEL & RC FRAMED BUILDINGS WITH & WITHOUT INFILLS CONSISTING OF MASS & VERTICAL IRREGULARITIES" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

Dr. MN HEGDE Professor, Dept. of Civil Eng. Dr AIT Dr. S VIJAYA
Professor & Head,
Dept. of Civil Eng.
Dr AIT

Dr. M MEENAKSHI Principal Dr AIT

EXTERNAL VIVA

Name of the examiners

Dr. E. Ramesh soll

Signature with date of Signature with date of 1107h

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Mr. MANOJ M [1DA20CSE10], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "STUDY ON SEISMIC RESPONSE OF BUILDING ON SLOPING GROUND" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

Dr. MYN HEGDÉ Professor,

Dept. of Civil Eng.

Dr AIT

Dr. S VIJAYA Professor & Head,

Dept. of Civil Eng.

Dr AIT

Dr. M MEENAKSHI

Principal

Dr AIT

EXTERNAL VIVA

Name of the examiner:

Scanned with CamScanner

Near Jnana Bharathi Campus, Bengaluru-560056

DEPARTMENT OF CIVIL ENGINEERING



Aided By Govt of Karnataka

CERTIFICATE

This is to certify that Mr. MANOJ M GANGUR [IDA20CSE11], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "DESIGN OF STRUCTURAL FRAME WORK FOR LONG SPAN STEEL STRUCTURE (WAREHOUSE)" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

Signature of the Guide

Dr. M N HEGDE

Professor Department of Civil Engg

Dr. AIT

Signature of the HOD

Dr. S Vijaya

Professor and Head Department of Civil Eng

Dr. M Meenakshi Principal

Dr. AIT

EXTERNAL VIVA

Name of the examiners

1. Or MNHEGDE

2. B. f. Geetha K.

Signature with date

07/11/2022

DEPARTMENT OF CIVIL ENGINEERING



Aided By Govt. of Karnataka

CERTIFICATE

This is to certify that Mr. NIKHIL N[1DA20CSE12], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "ANALYSIS AND DESIGN OF STEEL PIPE RACKS USING VARIOUS BRACING SYSTEM" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

Dr. M N HEGDE

Professor,

Dept. of Civil Eng. Dr AIT

Gr. Dr. S VIJAYA

Professor & Head,

Dept. of Civil Eng. Profess organd riead

Department of civil Engineering

7. ATHOUGH EXTENSION ALT MEMICANCY

Name of the examiners

Signature with date

Dr. R. MOUROUGANE B. M. N HEGDE

Dr. M MEENAKSHI

Principal

Dr AIT

DEPARTMENT OF CIVIL ENGINEERING



Aided By Goyt, of Karnataka

CERTIFICATE

This is to certify that Mr. OMKAR SHANKAR PATIL [1DA20CSE14], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "CONSTRUCTION SEQUENCE ANALYSIS OF HIGH-RISE BUILDING" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

Professor,

Dept. of Civil Eng.

Dr AIT

Dr. S VIJAYA Professor & Head, Dept. of Civil Eng.

Dr AIT

Dr. M MEENAKSHI Principal

Dr AIT

EXTERNAL VIVA

Name of the examiners

DT. R. MOUROUGANE

Signature with date

Near Jnana Bharathi Campus, Bengaluru-560056

DEPARTMENT OF CIVIL ENGINEERING



Aided By Govt. of Karnataka

CERTIFICATE

This is to certify that Mrs. PARINEETHA M [1DA20CSE15], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "SEISMIC BEHAVIOR OF BUILDING UNDER DIFFERENT FOUNDATION SYSTEM" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

Signature of the Guide

Darshan M K
Assistant Professor
Department of Civil Engg
Dr. AIT

Signature of the HOD

Dr. S Vijaya
Professor and Head
Department of Civil Engg
Dr. AIT

Signature of the Principal

Dr M Meenakshi Principal Dr. AIT

EXTERNAL VIVA

Name of the examiners

Signature with date

1. DARSHAN, M.L

2. pr/c. Medlan

m 28/9/2

Near Jnana Bharathi Campus, Bangalore-560056



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that Mr. PRADEEP J [1DA20CSE16], a bonafide student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "NON-LINEAR DYNAMIC ANALYSIS OF AN RCC STRUCTURE FOR DIFFERENT EARTHQUAKE MAGNITUDES" in the fulfillment of fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of Project on prescribed for the said degree.

Signature Signature Signature Signature HOD Principal Guide Guide

Dr. S VIJAYA Dr. MEENAKSHI M Prof. SHARATH B Dr. S VIJAYA

Assistant Professor Professor & Head

EXTERNAL VIVA

Name of the examiners

Signature with date

07/10/12

Near Jnana Bharathi Campus, Bengaluru-560056

DEPARTMENT OF CIVIL ENGINEERING



Aided By Govt. of Karnataka

CERTIFICATE

This is to certify that Ms. SANCHITHA C J [1DA20CSE17], a bonafied student of Dr. Ambedkar Institute of Technology, has successfully presented the project report on "COMPARATIVE STUDY ON SEISMIC ANALYSIS OF RC STRUCTUTURE WITH MASS AND STIFFNESS IRREGULARITIES" in the fulfillment for fourth semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Project report has been approved as it satisfies the academic requirements in respect of project on prescribed for the said degree.

Dr. S VIJAYA Guide & Professor, Dept. of Civil Eng.

Dr AIT

Dr. S VIJAYA
Professor & Head,
Dept. of Civil Eng.
Dr AIT

Dr. M MEENAKSHI Principal Dr AIT

EXTERNAL VIVA

Name of the examiners

Dr. S. Vijaya

Dr. Neether CM.

Signature with date

DEPARTMENT OF CIVIL ENGINEERING



CERTIFICATE

This is to certify that Mrs. SHIVALI G HIREMATH [1DA20CSE18], a bonafide student of Dr. Ambedkar Institute of Technology, has successfully presented the Dissertation report on "SECOND ORDER ANALYSIS OF THE RC FRAMED STRUCTURES" in the fulfillment for fourth Semester in Civil Structural Engineering of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2021-22. The Dissertation report has been approved as it satisfies the academic requirements in respect of dissertation work prescribed for the said degree.

Signature 17/11/12 Internal Guide Dr. S VIJAYA Professor and Head Dept of Civil Engineering Dr AIT Bengaluru

Signature 17/11/12 HOD Dr. S VIJAYA Professor and Head

Dept of Civil Engineering Dr AIT Bengaluru

Signature Principal

Dr. M MEENAKSHI

Principal

Dr AIT Bengaluru

EXTERNAL VIVA

Name of the examiners with date

Dr. K. Merdhani Dr. S. Vijaya

Signature

Madlain 1 North