

**CHAITANYA BHARATHI INSTITUTE OF
TECHNOLOGY (A)**

Civil Engineering Department

M.E (Structural Engineering)

Student M.E Project Details

Academic Year 2022-22

Index

Sl. No.	Roll No	Name of student	Project Title	Page No.
1	160121741001	SV Muthesam Ahmed	Investigation of the Thermal Behaviour of a Concrete Box Girder Bridge Exposed to Ambient Conditions.	1
2	160121741002	M Arun Sai Kumar	Mechanical Properties of Reinforced Concrete With Partial Replacement of Cement with GGBS	2
3	160121741003	Shamnagari Anil Kumar	Mechanical Properties of Reinforced Concrete With Partial Replacement of Fine Aggregate with Copper Slag	3
4	160121741005	P Rithvik Sai Kumar	An Experimental Investigation on Mechanical & Durability Properties of Concrete with Replacement of Natural aggregate with Stone Dust and Coal Cinder	4
5	160121741008	Seema Kavuya Sri	Effect of Irregularities in Seismic Performance of RC structures with Bracings	5
6	160121741009	Rathna John	Experimental Study on Strength Aspects of Reinforced Concrete Column Containing Ferro Fibers	6
8	160121741014	Mohammed Adeeb Ahmad	A Study on Flexural Behaviour of Reinforced Concrete with Partial Replacement of Cement with GGBS	7
9	160121741015	Mohammed Shaheer Siddiqui	Characterization of Fiber Reinforced Geopolymer as a Repair Material	8

10	160121741016	H Sharvani	Strength Characteristics of Self Curing Concrete with 100% replacement of Fine Aggregate with Robo Sand	9
11	160121741017	Adepu Sai Krishna	Non Linear Static Analysis for Performance Based Seismic Design of Structures	10
12	160121741019	Mohammed Marijuddin	Non Linear Static Analysis of RC Framed Structures with & Without Bracings	11
13	160121741020	G Karunakar	Analysis and Design Optimization of Shear Wall on Typical structures in High Rise Buildings	12
14	160121741004	Dussa Ashok Kumar	Comparative Study on Analysis and Computational Design of Circular and Rectangular Elevated Water Tank	13

M.E Student Internship Details

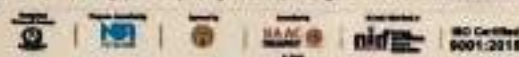
Academic Year 2022-22

INDEX

S.No.	Roll No	Name of student	Page No
1	160121741014	Mohammed Adeeb Ahmad	14
2	160121741009	Rathna John	15
3	160121741008	Seema Kavuya Sri	16
4	160121741016	H Sharvani	17



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years

CERTIFICATE

This is to certify that the project work entitled **INVESTIGATION OF THE THERMAL BEHAVIOUR OF A CONCRETE BOX-GIRDER BRIDGE EXPOSED TO AMBIENT CONDITIONS** is submitted by **S V MUTHESHAM AHMED & 160121741001** in partial fulfillment of the requirements for the award of the degree of **Masters of Engineering in Civil Engineering** to **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)** affiliated to **OSMANIA UNIVERSITY, Hyderabad** is a record of bonafide work carried out by him under my supervision and guidance. The results embodied in this report have not been submitted to any other University or Institute for the award of any other Degree or Diploma.

Signature of the Supervisor
Dr. A. Balaji Rao
Associate Professor

Signature of the HoD
Dr. K. Jagannadha Rao
Professor and Head, CED



**DEPARTMENT OF CIVIL ENGINEERING(A)
(AUTONOMOUS)
Gandipet, Hyderabad, India-500075**

**DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE**

This is to certify that the dissertation work titled "**Mechanical properties of reinforced concrete with partial replacement of cement with GGBS**", submitted by Mallishetty Arun Sai Kumar bearing Roll No: 1601-21-741-002 towards partial fulfillment for the award of master's degree in civil engineering with specialization in structural engineering during the academic year 2022-23 from Chaitanya Bharathi Institute Of Technology (Autonomous) affiliated to Osmania University, Hyderabad is a record of bonafide work done by him under my supervision. The result embodied in this work is not submitted to any other university or institute for the award of any degree or diploma.

HYDRABAD
DATE:

Dr. NR. Dakshina Murthy
Associate Professor
Supervisor

Dr. K. Jagannadha Rao
Professor & Head



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(AUTONOMOUS)

Gandipet, Hyderabad, Telangana – 500075

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This is to certify that the dissertation work titled “A Study on Mechanical Properties of Concrete with Partial Replacement of Fine Aggregate with Copper Slag”, submitted by Shamnagari Anil bearing Roll No: 1601-21-741-003 towards partial fulfillment for the award of master’s degree in civil engineering with specialization in structural engineering during the academic year 2022-23 from Chaitanya Bharathi Institute Of Technology (Autonomous) affiliated to Osmania University, Hyderabad is a record of bonafide work done by her under my supervision. The result embodied in this work is not submitted to any other university or institute for the award of any degree or diploma.

Dr. K. Jagannadha Rao
Professor &
Head of the Department
Supervisor

Dr. K. Jagannadha Rao
Professor & Head

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GANDIPET, HYDERABAD-500075



CERTIFICATE

This is to certify that the dissertation work entitled **AN EXPERIMENTAL INVESTIGATIONS ON MECHANICAL AND DURABILITY PROPERTIES OF CONCRETE WITH REPLACEMENT OF NATURAL AGGREGATES WITH STONE DUST AND CINDER** bearing Roll No 1601-21-741-005 in Partial fulfillment for the award of master's degree in Civil Engineering with specialization in Structural Engineering during the academic year 2023-2024 from Chaitanya Bharathi Institute of Technology (Autonomous), Affiliated to Osmania University, Hyderabad was carried out under my supervision. The result embodied in this work is not submitted to any university or institute for the award of any other degree.


Dr.T.CHAITANYA SRIKRISHNA

**Assistant Professor
Supervisor**

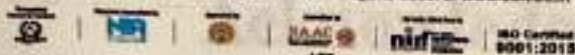

Dr.K.JAGANNADHA RAO

Professor & Head of Department



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This is to certify that the project work entitled **EFFECT OF IRREGULARITIES IN SEISMIC PERFORMANCE OF RC STRUCTURE WITH BRACING** is submitted by **SEEMA KAVYASRI & 160121741008** in partial fulfillment of the requirements for the award of the degree of **Masters of Engineering in Civil Engineering** to **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)** affiliated to **OSMANIA UNIVERSITY** Hyderabad is a record of bonafide work carried out by them under my supervision and guidance. The results embodied in this report have not been submitted to any other University or Institute for the award of any other Degree or Diploma.

Signature of the Supervisor
Dr.K. Jagannadha Rao
Professor and Head ,CED

Signature of the HOD
Dr. K. Jagannadha Rao
Professor and Head, CED



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
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This is to certify that the dissertation work titled “**Experimental study on strength aspects of reinforced concrete column with forta ferro fibers**”, submitted by Rathna John bearing Roll No: 1601-21-741-009 towards partial fulfillment for the award of master’s degree in civil engineering with specialization in structural engineering during the academic year 2022-23 from Chaitanya Bharathi Institute Of Technology (Autonomous) affiliated to Osmania University, Hyderabad is a record of bonafide work done by her under my supervision. The result embodied in this work is not submitted to any other university or institute for the award of any degree or diploma.

DATE:


Dr. T. Chaitanya Srikrishna


Associate Professor

Supervisor


Dr. K. Jagannadha Rao

Professor & Head



CERTIFICATE

This is to certify that the dissertation work titled **“A Study on Flexural Behaviour of reinforced concrete with partial replacement of cement with GGBS”**, submitted by Mohammed Adeb Ahmad bearing Roll No: 1601-21-741-014 towards partial fulfillment for the award of master’s degree in civil engineering with specialization in structural engineering during the academic year 2022-23 from Chaitanya Bharathi Institute Of Technology (Autonomous) affiliated to Osmania University, Hyderabad is a record of bonafide work done by him under my supervision. The result embodied in this work is not submitted to any other university or institute for the award of any degree or diploma.

Dr. NR. Dakshina Murthy
Associate Professor
Supervisor

Dr. K. Jagannadha Rao
Professor & Head



CERTIFICATE

This is to certify that the dissertation work titled "*Characterization of fiber reinforced geopolymer as a repair material*", submitted by Mohammed Shaheer Siddiqui bearing Roll No: 1601-21-741-015 towards partial fulfillment for the award of master's degree in civil engineering with specialization in structural engineering during the academic year 2022-23 from Chaitanya Bharathi Institute Of Technology (Autonomous) affiliated to Osmania University, Hyderabad is a record of Bonafide work done by him under my supervision. The result embodied in this work is not submitted to any other university or institute for the award of any degree or diploma.

Dr. Arshad Hussain Choudhury
Assistant Professor
Supervisor

Dr. K. Jagannadha Rao
Professor & Head

HYDERABAD
DATE:

Mohammed Shaheer Siddiqui
(1601-21-741-015)



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This is to certify that the dissertation work titled **“STRENGTH CHARECTERISTICS ON SELF CURING CONCRETE WITH 100% REPLACEMENT OF FINE AGGREGATE WITH ROBO SAND”**, submitted by H.Sharavani bearing Roll No: 1601-21-741-016 towards partial fulfillment for the award of master’s degree in civil engineering with specialization in structural engineering during the academic year 2022-23 from Chaitanya Bharathi Institute Of Technology (Autonomous) affiliated to Osmania University, Hyderabad. To the best of my knowledge, the matter embodied in the report has not been submitted to any other university or institute for the award of any Degree or Diploma.

Sri M Kalyan
Assistant Professor
Supervisor

Dr. K. Jagannadha Rao
Professor & Head

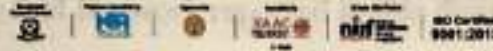
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This is to certify that the project work entitled **NONLINEAR MODELING AND ANALYSIS FOR PERFORMANCE BASED SEISMIC DESIGN OF STRUCTURES** submitted by **A.SAIKRISHNA** bearing Roll no:1601-21-741-017 towards partial fulfilment of the award of master degree in **Civil Engineering** with specialization in **Structural Engineering** during the academic year 2021-24 from **Chaitanya Bharathi Institute of Technology (Autonomous)**, affiliated to **Osmania University, Hyderabad** is a record of bonafide work done by her under my supervision. The result embodied in this work is not submitted to any other university or institute for the award of any degree or diploma.

Signature of the Supervisor

DR.A. BALAJI RAO
Associate professor

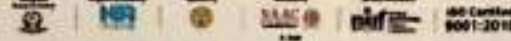
Signature of the HoD

DR.K. JAGANNADHA RAO
professor & Head of Department



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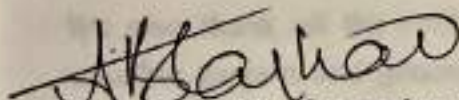



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This is to certify that the project work entitled **“NON LINEAR STATIC ANALYSIS OF RC FRAMED STRUCTURES WITH AND WITHOUT BRACINGS”** is submitted by **MOHAMMED MAURIJUDDIN & 1601-21-741-019** in partial fulfilment of the requirements for the award of the degree of **Master of Engineering in Civil Engineering** to **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)** affiliated to **OSMANIA UNIVERSITY, Hyderabad** is a record of bonafide work carried out by him under my supervision and guidance. The results embodied in this report have not been submitted to any other University or Institute for the award of any other Degree or Diploma.


Signature of the Supervisor
Dr. A Balaji Rao
Project Guide


Signature of the HoD
Dr. K. Jagannadha Rao
Professor and Head, CED

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(Autonomous)

Gandipet, Hyderabad-500075 (TS)



DEPARTMENT OF CIVIL ENGINEERING

Certificate

This is to certify that the dissertation work titled "Analysis and design optimization of shear wall on typical structures on High Rise buildings", Submitted by G. Karunakar bearing Roll No: 1601-21-741-020 towards partial fulfilment for the award of master degree in civil engineering with specialization in Structural Engineering during the academic year 2021-2023 From Chaitanya Bharathi Institute Of Technology (Autonomous) affiliated to Osmania university, Hyderabad is a record of bonafied work done by him under my supervision. The result embodied in this work is not submitted to any other university or institute for the award of any degree or diploma.

Smt. N. LALITHA KUMARI

Assistant Professor

supervisor

Dr. K. JAGANNADHA RAO

Head of the Department



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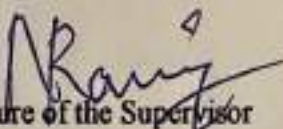
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CERTIFICATE

This is to certify that the dissertation work entitled "COMPARATIVE STUDY ON ANALYSIS AND COMPUTATIONAL DESIGN OF CIRCULAR AND RECTANGULAR ELEVATED WATER TANK", is submitted by **DUSSA ASHOK KUMAR** and bearing a Roll No: 1601-21-741-004 towards partial fulfilment of the requirements for the award of the degree of **Masters of Engineering in civil engineering** with specialization in **Structural Engineering** during the academic year 2022-23 from **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)** affiliated to **OSMANIA UNIVERSITY, Hyderabad** is a record of bonafide work done by him under my supervision and guidance. There result embodied in this report is not submitted to any other university or institute for the award of any degree or diploma.


Signature of the Supervisor

DR.NR.Dakshina Murthy

Associate Professor

Signature of the HOD

Dr.K.Jagannadha Rao

Professor and Head of Department



Hyderabad
30-10-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Mohammed Adeen Ahmad, Reg. No. 1601-21-741-014, M.E (Structural Engineering), a student of Chaitanya Bharathi Institute of Technology has successfully completed an academic internship and undergone training in designs of steel structural elements and STADD from 17/10/2022 to 30-10-2022 under our competent guidance.

We wish her all the best in completing the academic program successfully and for the future.


Kishore Infratech
Manager



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This is to certify that Mr. Rathna John, Reg. No. 1601-21-741-009. M.E (Structural Engineering), a student of Chaitanya Bharathi Institute of Technology has successfully completed an academic internship and undergone training in designs of steel structural elements and STADD from 17/10/2022 to 30-10-2022 under our competent guidance.

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We wish her all the best in completing the academic program successfully and for the future.

Smart Built Prefab Pvt Ltd.,
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Branch: Door No: 50-99-20, TPT colony, Behind SFS school, Visakhapatnam-530013
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We wish her all the best in completing the academic program successfully and for the future.

Smart Built Prefab Pvt Ltd.,
Manager



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Hyderabad Telangana-500090
Branch: Door No: 50-99-20, TPT colony, Behind SFS school, Visakhapatnam-530013
Email: smartbuiltprefab@gmail.com Mob: 9966723888, 9000272709