



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
Kakinada-533003, Andhra Pradesh (India)


Projects/Internship/Field visits

AY : 2021 - 2022

Program Code	Program Name	Projects		Internships		Field Visits	
		No of projects	Total no. of students	No. of Internships	Total no. of students	No. of Field visits	Total no. of students
021A01	B.Tech – Civil Engineering	15	51	59	59		
021D20	M.Tech – Structural Engineering	11	11				
021D19	M.Tech – Soil Mechanics and Foundation Engineering	10	10				

  
Coordinator

  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada-533003

  
HOD  
PROFESSOR & HEAD  
Department of Civil Engineering  
University College of Engineering  
JNTUK, KAKINADA-533 003

Program Code: 021D20

Program Name: M.TECH Structural Engineering

Sl. No	Roll No	Student Name	Guide Name	Project Title	Dates (Duration)	Organization Location
1.	19021D2002	M. Sudheer Kumar	Dr. V. Ravindra	A Study On Seismic Performance Of High Rise RCC Building With Mass Irregularity	2020-2021	JNTUK
2.	19021D2003	M. Hema Bhargavi	Dr.M. Swaroopa Rani	Experimental Study On Self Compacting Concrete By Partial Replacement Of Fine Aggregate With Copper Slag	2020-2021	JNTUK
3.	19021D2004	Y. Bala Balaji	Dr. G. Yesuratnam	Analytical Study On Different Earthquake Resistant Models Using ETABS Software	2020-2021	JNTUK
4.	19021D2006	K. Dhivakar	Dr. P. Subba Rao	An Assessment Of Residual Strength Of Columns Subjected To Pitting Corrosion At Different Locations Under Uni Axial Compression , An Empirical Modelling	2020-2021	JNTUK
5.	19021D2007	M Lakshmi Narayana	Dr. V. Ravindra	Comparative Study On Seismic Analysis Of Regular And Irregular RCC Framed Building With Stiffness And Vertical Geometric Irregularities	2020-2021	JNTUK
6.	19021D2008	P. Srinivasu	Dr. P. Subba Rao	Partial Replacement Of Cement With Alkali Activated Ceramic Waste Powder	2020-2021	JNTUK
7.	19021D2009	K. Jaswanth Sarma	Dr. B. Krishna Rao	Dynamic Analysis Of High Rise Building With Different Structural Systems	2020-2021	JNTUK
8.	19021D2020	SSVN Dedeepya	Dr. V. Lakshmi	Study On Behavior Of Recycled Aggregate Concrete With Partial Replacement Of Micro	2020-2021	JNTUK

				Silica In Flexure M25		
9.	19021D2022	M. Siva	Dr. B. Krishna Rao	Push Over Analysis Of Rectangular And T Shaped Multi Storied Building With Shear Walls, With And Without Openings For Seismic Loads Using ETABS	2020-2021	JNTUK
10.	19021D2023	R. Vinay	Dr. V. Lakshmi	Study On Behavior Of Recycled Aggregate Concrete With Partial Replacement Of Micro Silica In Flexure M20	2020-2021	JNTUK
11.	19021D2024	K. Venkata Lakshmi	Dr.M. Swaroopa Rani	Study On Self Curing Concrete By Using Polyethylene Glycol With Partial Replacement Of Fine Aggregate By Crushed Spent Fire Brick	2020-2021	JNTUK

Program Code: 021D19

Program Name: M.TECH Soil Mechanics and Foundation Engineering

Sl. No	Roll No	Student Name	Guide Name	Project Title	Dates (Duration)	Organization Location
1.	19021D1901	M. Bharathi	Dr. G V R Prasada Raju	Effect Of Mill Scale Dust And Sodium Hydroxide On The Strength Characteristics Of Expansive Soil For Flexible Pavement	2020-2021	JNTUK
2.	19021D1902	M. Yoga Swarna	Dr. D. Koteswara Rao	Laboratory Study On The Performance Of GGBS And Silica Fume On Improving The Properties Of Marine Clay As A Subgrade For Flexible Pavement Under Cyclic Pressures	2020-2021	JNTUK
3.	19021D1903	R. Raja Chandrika	Dr. G V R Prasada Raju	An Experimental Study On Soil Subgrade Treated With Copper Slag And Jute Fiber In Flexible Pavement System	2020-2021	JNTUK
4.	19021D1904	M. Manohar	Dr. K. Ramu	Performance Assessment Of Expansive Soil Blended With GGBS And Zycobond	2020-2021	JNTUK
5.	19021D1906	B. Pavan Kumar	Dr. D. Koteswara Rao	The Influence Of Ceramic Waste Powder And Silica Fume On Improving Properties Of Expansive Soil As Foundation Bed	2020-2021	JNTUK



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UNIVERSITY COLLEGE OF ENGINEERING  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
ANDHRA PRADESH-533003



CERTIFICATE

This is to certify that the work which is being presented in the thesis entitled "A STUDY ON SEISMIC PERFORMANCE OF HIGH RISE RCC BUILDING WITH MASS IRREGULARITY" is a bonafide work done by Mr. MEESALA SUDHEER KUMAR(19021D2002) and submitted in partial fulfilment of the requirement for the award of the degree of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA, is a record of bonafide work carried out by him under my guidance and supervision.

*V. Ravindra*

Dr. V. Ravindra  
Project Guide,  
Professor of Civil Engineering,  
University College of Engineering,  
JNTUK Kakinada – 533003.

*BK*

Dr. B. Krishna Rao  
Professor & Head,  
Department of Civil Engineering,  
University College of Engineering,  
JNTUK Kakinada-533003.

Mrs. A. Jyothirmai  
Project Co- Supervisor,  
Assistant Professor in Civil Engineering,  
VNR Vignana Jyothi Institute of  
Engineering and Technology,  
Hyderabad – 500090.

EXTERNAL EXAMINER

*[Signature]*  
REGISTRAR

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DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (Autonomous)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
ANDHRA PRADESH -533003

2019-2021



CERTIFICATE

This is to certify that the work which is presented in the entitled "EXPERIMENTAL STUDY ON SELF-COMPACTING CONCRETE BY PARTIAL REPLACEMENT OF FINE AGGREGATE WITH COPPER SLAG" being submitted by MATTAPARTHI HEMA BHARGAVI (19021D2003) and it is submitted in partial fulfilment of the requirements for the award of the degree of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING to the faculty of Civil Engineering Department of the Jawaharlal Nehru Technological University-Kakinada is a record of bonafide work carried out by her under my guidance and supervision.

  
Project guide

Dr. M. SWAROOPA RANI

Professor  
Department of Civil Engineering,  
University College of Engineering  
JNTUK, Kakinada

  
Head of the Department

Dr. B. KRISHNA RAO

Professor & H.O.D  
Department of Civil Engineering,  
University College of Engineering  
JNTUK, Kakinada

EXTERNAL EXAMINER



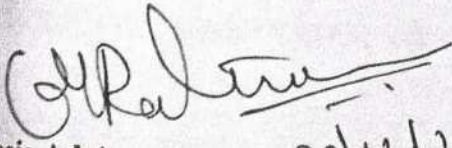
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UNIVERSITY COLLEGE OF ENGINEERING (A), KAKINADA

CERTIFICATE



This is to certify that the work which is being presented in/as PROJECT entitled "ANALYTICAL STUDY ON DIFFERENT EARTHQUAKE RESISTANT MODELS USING ETABS" is a bonafide work done by Mr. YARRAMSETTY BALA BALAJI (Reg no. 19021D2004) and submitted in partial fulfilment of the requirement for the award of the degree of **MASTER OF TECHNOLOGY** in **STRUCTURAL ENGINEERING** in **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA**, in the year **2019- 2021** is a record of bonafide work carried out by him under my guidance and supervision.

The results reported in this thesis have not been submitted to any other university or institute for the award of any degree or diploma.

  
20/11/21

Thesis Adviser

**Dr. G. YESU RATNAM, Ph.D.,**

Professor & Director

Department of Civil Engineering

University College of Engineering

JNTUK Kakinada - 533003



Head of the Department

**Dr. B. Krishna Rao, Ph.D.**

Professor & Head

Department of Civil Engineering

University College of Engineering

JNTUK Kakinada-533003

**EXTERNAL EXAMINER**

  
REGISTRAR

J.N.T. University Kakinada  
Kakinada-533003



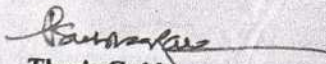



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UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (AUTONOMOUS)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
Kakinada, Andhra Pradesh, 533003

**CERTIFICATE**

This is to certify that the project work entitled "*An Assessment of Residual Strength of Columns Subjected To Pitting Corrosion At Different Locations Under Uniaxial Compression: An Empirical Modeling*" is being submitted for the partial fulfilment of the requirements for the award of the degree of **Master of Technology in Civil Engineering with specialization in Structural Engineering** to University College of Engineering Kakinada (Autonomous), is a bonafied work done by Mr. **Koribilli Dhivakar (Regd. No: 19021D2006)** under my guidance during the academic year 2019-2021 and it has been found suitable for acceptance according to the requirements of University.

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**Thesis Guide**  
Dr. P. Subba Rao  
Professor of Civil Engg.,  
Dept. of Civil Engineering,

  
**Dr. B. Krishna Rao**  
Professor & Head,  
Dept. of Civil Engg.,

**External Examiner**

Kakinada,  
Date:

  
**REGISTRAR**  
J.N.T. University Kakinada

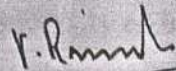


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
ANDHRA PRADESH-533003



CERTIFICATE

This is to certify that the work which is being presented in the thesis entitled "A COMPARATIVE STUDY ON SEISMIC ANALYSIS OF REGULAR AND IRREGULAR RCC FRAMED BUILDING WITH STIFFNESS AND VERTICAL GEOMETRIC IRREGULARITIES" is being submitted by Mr. MEKA LAKSHMI NARAYANA bearing Roll Number 19021D2007, in partial fulfilment of the requirement for the award of the degree of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA, is a record of bonafide work carried out by him under my guidance and supervision.



27/11/21

**Dr. V. Ravindra**  
Project Guide,  
Professor of Civil Engineering,  
University College of Engineering  
JNTUK Kakinada - 533003



**Dr. B. Krishna Rao**  
Professor & Head  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada-533003

**Mrs. A. Jyothirmai**  
Project Co-Supervisor,  
Assistant Professor in Civil Engineering,  
VNR Vignana Jyothi Institute of  
Engineering and Technology  
Hyderabad-500090

  
REGISTRAR

J.N.T. University Kakinada  
Kakinada-533003  
EXTERNAL EXAMINER



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UNIVERSITY COLLEGE OF ENGINEERING  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
ANDHRA PRADESH-533003



CERTIFICATE

This is to certify that the work which is being presented in the thesis entitled "A PARTIAL REPLACEMENT OF CEMENT WITH ALKALI ACTIVATED CERAMIC WASTE POWDER" is a bonafide work done by Mr PALAKAMSETTI SRINIVASU (19021D2008) and submitted in partial fulfilment of the requirement for the award of the degree of MASTER OF TECHNOLOGY in STRUCTURAL ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA, is a record of bona fide work carried out by him under my guidance and supervision.

**Dr. P. Subba Rao**  
Professor  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada - 533003

**Dr. B. Krishna Rao, Ph.D.**  
Professor & Head  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada-533003

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REGISTRAR  
J.N.T. University Kakinada  
Kakinada-533003





**CERTIFICATE**

This is to certify that the dissertation entitled "DYNAMIC ANALYSIS OF HIGH-RISE BUILDING WITH DIFFERENT STRUCTURAL SYSTEMS" is being submitted by Mr. KALAGA JASWANTH SARMA bearing Reg no: 19021D2009 in partial fulfilment of the requirement for the award of the degree of **MASTER OF TECHNOLOGY** in **STRUCTURAL ENGINEERING** to the **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA**, is a record of bonafide work carried out by him under my guidance and supervision.

The results embedded in this thesis have not been submitted to any other university or institute for the award of any degree or diploma.

**Thesis Adviser**

Dr. B. Krishna Rao  
B.E., M.E., Ph.D.  
Professor & Head  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada - 533003

**Head of the Department**

Dr. B. Krishna Rao  
Professor & Head  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada-533003

**EXTERNAL EXAMINER**

**REGISTRAR**  
J.N.T. University

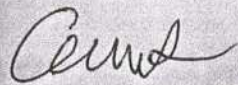



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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA



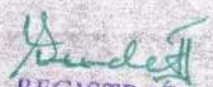
CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON BEHAVIOUR OF RECYCLED AGGREGATE CONCRETE WITH PARTIAL REPLACEMENT OF MICRO SILICA IN FLEXURE - M<sub>25</sub>", is being submitted by S.S.V.N. DEDEEPIYA bearing Roll no: 19021D2020, in partial fulfilment for the award of degree of Master of Technology in STRUCTURAL ENGINEERING to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by her under my guidance and supervision.

  
Smt. Dr. V. LAKSHMI  
Project guide  
Professor  
Department of Civil Engineering  
University College of Engineering  
JNTU Kakinada

  
Dr. B. KRISHNA RAO  
Professor & Head  
Department of Civil Engineering  
University College of Engineering  
JNTU Kakinada

External Examiner

  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada, 523005



DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA-533003, A.P. INDIA



## CERTIFICATE

This is to certify that the thesis work entitled "PUSHOVER ANALYSIS OF RECTANGULAR AND "T" SHAPE MULTI-STOREYED BUILDING WITH "SHEAR WALLS WITH AND WITHOUT OPENINGS" FOR SEISMIC LOADS USING ETABS" 2018" is bonafide work done by Mr. MUMMIDI SIVA (19021D2022) and submitted in partial fulfilment of the requirements for the award of the degree of MASTER OF TECHNOLOGY IN STRUCTURAL ENGINEERING to the faculty of Civil Engineering Department of the Jawaharlal Nehru Technological Under the guidance and supervision.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree.

  
Thesis Adviser

Dr. B. Krishna Rao

B.E, M.E., PhD

Professor & Head

Department of Civil Engineering

University College of Engineering

  
Head of the Department

Dr. B. Krishna Rao

B.E, M.E., PhD

Department of Civil Engineering

University College of Engineering

## EXTERNAL EXAMINER

  
REGISTRAR  
J.N.T. University Kakinada



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UNIVERSITY COLLEGE OF ENGINEERING KAKINADA  
(Autonomous)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,  
KAKINADA



CERTIFICATE

This is to certify that the dissertation entitled "A STUDY ON BEHAVIOUR OF RECYCLED AGGREGATE CONCRETE WITH PARTIAL REPLACEMENT OF MICRO SILICA - IN FLEXURE -  $M_{20}$ ", is being submitted by RAKURTHI VINAY bearing Roll no: 19021D2023, in partial fulfilment for the award of degree of Master of Technology in STRUCTURAL ENGINEERING to the Jawaharlal Nehru Technological University Kakinada is a record of bonafide work carried out by his under my guidance and supervision.

**Dr. V. LAKSHMI**  
Project guide  
Professor  
Department of Civil Engineering  
University College of Engineering  
JNTU Kakinada

**Dr. B. KRISHNA RAO**  
Professor & Head  
Department of Civil Engineering  
University College of Engineering  
JNTU Kakinada

**External Examiner**

REGISTRAR

J.N.T. University Kakinada



DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING - KAKINADA  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
ANDHRA PRADESH  
2019 - 2021

770



**CERTIFICATE**

This is to certify that the work which is being presented in the entitled "A STUDY ON SELF CURING OF CONCRETE BY USING POLYETHYLENE GLYCOL WITH PARTIAL REPLACEMENT OF FINE AGGREGATE BY CRUSHED SPENT FIRE BRICK" being submitted by K.VENKATA LAKSHMI (19021D2024) and submitted in partial fulfilment of the requirement for the award of the degree of **MASTER OF TECHNOLOGY** in **STRUCTURAL ENGINEERING** to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafide work carried out by her under my guidance and supervision. The results embedded in this report have not been submitted to any other university or institute for award of any other degree or diploma.

*Dr. M. Swaroopa Rani*  
Project Guide

**Dr.MSWAROOPA RANI**  
**PH.D**

Professor  
Department of Civil Engineering  
University College of Engineering  
JNTUK, Kakinada - 533003

*Dr. B. Krishna Rao*

Head of the Department  
**Dr.B.Krishna Rao**  
**PH.D**

Professor & Head  
Department of Civil Engineering  
University College of Engineering  
JNTUK, Kakinada-533003

**EXTERNAL EXAMINER**

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*Dr. S. S. Srinivas*  
REGISTRAR

J.N.T. University Kakinada  
Kakinada