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

HOD
PROFESSOR & HEAD
Department of Civil Engineering
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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 Foe 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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760

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.

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2019-2021

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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.

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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.

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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 (Autonoumous)**, 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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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.

V. Ravindra 27/12/21

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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.

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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.

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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_{25}"**, is being submitted by S.S.V.N. DEDEEPYA 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.

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768

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.

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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.

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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.

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