



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

				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

6.	19021D1909	G. Harish	Dr. D. Koteswara Rao	Laboratory Study On The Performance Of Effect Of Mill Scale Dust On Improving The Properties Of Marine Clay As Subgrade For Flexible Pavements Under Cyclic Pressures	2020-2021	JNTUK
7.	19021D1910	M. Prabodh Kumar	Dr. K. Ramu	Use Of Zycobond In Enhancing The Strength Of Expansive Soil, Modified With Rice Husk Ash	2020-2021	JNTUK
8.	19021D1920	V. Sri Vidya Prakasita	Dr. G V R Prasada Raju	Experimental Study On Expansive Soil Stabilized With Ceramic Waste And Recron 3s Fibre	2020-2021	JNTUK
9.	19021D1921	G. Surya Teja	Dr. K. Ramu	Evaluation Study On Efficiency Of Zycobond And Stone Dust In Improving Expansive Clays	2020-2021	JNTUK
10	19021D1904	MALLIPUDI PRABOD KUMAR	Dr. K. Ramu	PERFORMANCE ASSESSMENTS OF EXPENSIVE SOIL BLUNDED WITH GGBS AND ZICOBOND	2020-2021	JNTUK

*NK*  
Coordinator

*Phas*  
HOD

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

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



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



**CERTIFICATE**

This is to certify that the dissertation entitled "EFFECT OF MILL SCALE DUST AND SODIUM HYDROXIDE ON THE STRENGTH CHARACTERISTICS OF EXPANSIVE SOIL FOR FLEXIBLE PAVEMENT SUBGRADE" is being submitted by MARRAPU BHARATI bearing Roll no: 19021D1901 in partial fulfilment of the requirement for the award of the degree of MASTER OF TECHNOLOGY in SOIL MECHANICS AND FOUNDATION 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 reported in this thesis have not been submitted to any other university or institute for the award of any degree or diploma.

*Wm 29/12/21*

**Thesis Adviser**  
Dr. G.V.R Prasada Raju  
Vice Chancellor JNTUK  
Professor of Civil Engineering  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada-533003

*BKS*

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

**External Examiner**

*[Signature]*  
**REGISTRAR**

J.N.T. University Kakinada



**DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
ANDHRA PRADESH-533003  
2019 - 2021**



**CERTIFICATE**

This is to certify that the dissertation entitled "A LABORATORY STUDY ON THE PERFORMANCE OF GROUND GRANULATED BLAST FURNACE SLAG AND SILICA FUME ON IMPROVING THE PROPERTIES OF THE MARINE CLAY AS A SUBGRADE FOR THE FLEXIBLE PAVEMENTS UNDER CYCLIC PRESSURES" is being submitted by MORLA YOGA SWARNA bearing Roll No:19021D1902 in partial fulfillment of the requirement for the award of the degree of MASTER OF TECHNOLOGY in SOIL MECHANICS AND FOUNDATION ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA, is a record of bonafide work carried out by her under my guidance and supervision.

**Thesis Adviser**

Dr. D.Koteswara Rao  
Professor of Civil Engineering  
Director of IIP&T, JNTUK  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinad-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 Kakinada  
Kakinada-533003



DEPARTMENT OF CIVIL ENGINEERING  
 UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (AUTONOMOUS)  
 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA



CERTIFICATE

This is to certify that dissertation entitled "AN EXPERIMENTAL STUDY ON EXPANSIVE SOIL SUBGRAGE TREATED WITH COPPER SLAG AND JUTE FIBER IN FLEXIBLE PAVEMENT SYSTEM" being submitted by REVELLA RAJA CHANDRIKA bearing RollNo.19021D1903 in partial fulfillment of requirements for the award of the degree of Master of Technology in **SOIL MECHANICS AND FOUNDATION ENGINEERING** to Jawaharlal Nehru Technological University, Kakinada, is a record of bonafide work carried out by her 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.

Thesis Adviser

*GN* 29/12/21  
**Dr. G.V.R. PRASADA RAJU**

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

*BB*  
 Head of the Department

**Dr. B. KRISHNARAO**

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

External Examiner



DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING  
(AUTONOMOUS)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA



CERTIFICATE

This is to certify that the dissertation entitled "PERFORMANCE ASSESSMENT OF EXPANSIVE SOIL BLENDED WITH GGBS AND ZYCOBOND" is being submitted by MR. MALLIPUDI MANOHAR bearing Roll no: 19021D1904 in partial fulfilment of the requirement for the award of the degree of MASTER OF TECHNOLOGY in SOIL MECHANICS AND FOUNDATION 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 reported in this thesis have not been submitted to any other university or institute for the award of any degree or diploma.

**Thesis Adviser**  
Dr. K. Ramu  
Director of BICS &  
Professor of Civil Engineering  
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 Kakinada  
Kakinada-533003



**DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**



**CERTIFICATE**

This is to certify that the dissertation entitled "THE INFLUENCE OF CERAMIC WASTE POWDER AND SILICA FUME ON IMPROVING PROPERTIES OF THE EXPANSIVE SOIL AS FOUNDATION BED" is being submitted by MR. B PAVAN KUMAR bearing Roll no: 19021D1906 in partial fulfilment of the requirement for the award of the degree of MASTER OF TECHNOLOGY in SOIL MECHANICS AND FOUNDATION ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA, Kakinada 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.

**Thesis Adviser**  
Dr. D. Koteswara Rao  
Director of IIP&T  
Professor of Civil Engineering  
Department of Civil Engineering

**Head of the Department**  
Dr. B. Krishna Rao  
Professor & Head  
Department of Civil Engineering  
University College of Engineering

**External examiner**

**REGISTRAR**

J.N.T. University Kakinada  
Kakinada-533003



**DEPARTMENT OF CIVIL ENGINEERING**  
**UNIVERSITY COLLEGE OF ENGINEERING**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**



776

**CERTIFICATE**

This is to certify that the dissertation entitled "A LABORATORY STUDY ON THE PERFORMANCE OF MILL SCALE DUST ON IMPROVING THE PROPERTIES OF THE MARINE CLAY AS SUBGRADE FOR FLEXIBLE PAVEMENTS UNDER CYCLIC PRESSURES" is being submitted by MR. G HARISH bearing Roll no: 19021D1909 in partial fulfilment of the requirement for the award of the degree of MASTER OF TECHNOLOGY in SOIL MECHANICS AND FOUNDATION ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA, Kakinada 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.

**Thesis Adviser**  
**Dr. D. Koteswara Rao**  
**Director of IIP&T**  
**Professor of Civil Engineering**  
**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 Kakinada**  
**Kakinada-533003**



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

2019 - 2021



**CERTIFICATE**

This is to certify that the dissertation entitled "USE OF ZYCOBOND IN ENHANCING THE STRENGTH OF EXPANSIVE SOIL MODIFIED WITH RICE HUSK ASH (RHA)" is being submitted by MR. MAHOPATRA PRABODH KUMAR bearing Regd no: 19021D1910 in partial fulfilment of the requirement for the award of the degree of **MASTER OF TECHNOLOGY** in **SOIL MECHANICS AND FOUNDATION 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 reported in this thesis have not been submitted to any other university or institute for the award of any degree or diploma.

*Wj*

**Thesis Adviser**  
Dr. K. Ramu  
Director of BICS &  
Professor of Civil Engineering  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada-533003

*BKS*

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

**External Examiner**

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



**DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING - KAKINADA  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**



**CERTIFICATE**

This is to certify that the dissertation entitled "AN EXPERIMENTAL STUDY ON EXPANSIVE SOIL STABILIZED WITH CERAMIC WASTE AND RECRON 3S FIBER" is being submitted by M.S.VADALI SRI VIDYA PRAKASITA bearing Reg no: 19021D1920 in partial fulfilment of the requirement for the award of the degree of **MASTER OF TECHNOLOGY** in **SOIL MECHANICS AND FOUNDATION 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 reported in this thesis have not been submitted to any other university or institute for the award of any degree or diploma.

*WV*  
*29/12/21*

**Thesis Adviser**

Dr. G.V.R. Prasada Raju  
Vice chancellor  
Professor of Civil Engineering  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada-533003

*BK*

**Head of the Department**

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

**External Examiner**

*[Signature]*  
**REGISTRAR**

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



DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (AUTONOMOUS)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.




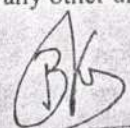
### CERTIFICATE

This is to certify that dissertation entitled "EVALUATION STUDY ON THE EFFICIENCY OF ZYCOBOND AND STONE DUST (SD) IN IMPROVING EXPANSIVE CLAYS" being submitted by GOLLAPALLI SURYA TEJA with Bearing Roll No. 19021D1921 in partial fulfillment of requirements for the award of the degree of Master of Technology in SOIL MECHANICS AND FOUNDATION ENGINEERING to Jawaharlal Nehru Technological University, Kakinada 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.

Thesis Adviser

  
Dr. K. Ramu  
Director BICS  
Professor of Civil Engineering  
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 Kakinada  
Kakinada-533003





**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (AUTONOMOUS)**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

Date: 30-12-2021

Lr.No B1/M.Tech /Viva-Voce/Civil/2021

**From:**  
**Dr U.V Ratna Kumari,**  
M. Tech, Ph.D.,  
Professor of ECE &  
**VICE-PRINCIPAL.**

**To**  
**Dr. V V Ramana Murthy,**  
Professor of Civil Engg.  
N.I.T Warangal.

Sir,  
Sub- JNT University College of Engineering Kakinada - M. Tech (DT) Project thesis  
Evaluation of Dissertation and conduct of Viva-Voce examination to certain  
Students - Appointment of External Examiner - Regarding.

I have pleasure in inviting you to accept the appointment of External Examinership for  
evaluation of dissertation/thesis of M. Tech (DT) (SM&FE) Civil Engineering Programme students  
of this college for conduct of Viva-voce examination. The details are given below.

S.No	Roll No.	Name of the Student	Internal Guide	Title of the Thesis
1	19021D1904 (SM&FE)	✓ Mallipudi Prabodh Kumar	Dr. K Ramu Prof.in Civil Engg. UCEK,JNTK Kakinada	" Performance Assessment of Expansive Soil Blended with GGBS and Zycobond"
2	19021D1910 (SM&FE)	✓ Mahopatra Prabodh Kumar	Dr. K Ramu Prof.in Civil Engg. UCEK,JNTK Kakinada	"Use of Zycobond Enhancing the Strength of Expansive Soil Modified with Rice Husk ASH(RHA
3	19021D1921 (SM&FE)	✓ Gollapalli Surya Teja	Dr. K Ramu Prof.in Civil Engg. UCEK,JNTK Kakinada	"Evaluation Study of the Efficiency Zycobond and Stone Dust (SD) in improving Expansive clay

A remuneration of Rs.750-00 for evaluation per thesis and Rs.750-00 for conduct of Viva-voce per each candidate will be paid as per the University rules. The Viva-voce examination is proposed to be conducted thorough online.

I request you kindly to convey your acceptance and convenient date by return of post/e-mail to Head of the department, so as to enable the college to inform the date sufficiently in advance to the internal examiner and the students concerned.

Encl: Thesis Book (03 No.)  
Contact for further details  
Dr B Krishna Rao. (0884-2300836)  
Copy to Head, Department of Civil Engineering.

Yours faithfully,

*U V Ratna Kumari*  
VICE-PRINCIPAL  
VICE-PRINCIPAL  
University College of Engineering, Kakinada  
JNTU, KAKINADA

*Ch. Prasad*

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