



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



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

Projects

Program Code: 021A01

Program Name: B.Tech – Civil Engineering

AY : 2021-22

Sl. No	Student Name	Roll Number	Project Title	Guide Name	Dates (Duration)	Organizat Locatio
1	Vankunavath Sai Sathish Naik	18021A0101	Design Of Sewage Treatment Plant In Yetimoga In Kakinada Smart City	Dr.G.Abbaiah	2021-2022	JNTUK
	Gollapalli Sravya	18021A0132				
	Ampajalapu Siva Sai Raja	19025A0135				
2	M.Anoohya	18021A0102	Analysis And Design Of Multi-Storey Residential Building	Dr.B.Krishna Rao	2021-2022	JNTUK
	G.Sravya Mounika	18021A0106				
	N.Achyut Babu	18021A0108				
	V.Bhaskara Chandra Reddy	18021A0107				
	M.Ali	18021A0151				
3	Gudala Sivani	18021A0103	Proposed PG Hostel (G+5) At JNTU Kakinada Campus	Dr.G.Yesuratnam	2021-2022	JNTUK
	Yatla Mohan Krishna Reddy	18021A0130				
	Kella Nagaraju	19025A0150				
4	N.Sathvika	18021A0104	Design Of Gabion Wall For Protection Against Coastal Erosion In Kakinada	Dr. K. Ramu	2021-2022	JNTUK
	K.Charan	18021A0114				
	A.Sasi Velankanni	18021A0115				
	B.Ruchitha	18021A0117				
5	Chintala Sunandana	18021A0105	Evaluation Of Groundwater Quality For Visakhapatnam Urban Area Using QGIS	Dr.P. Mynar Babu	2021-2022	JNTUK
	Esther Roopasi	18021A0122				

	Bora Sai Venkat Ethamukkala	18021A0131				
	Dumpala Vyshnavi	18021A0133				
6	Padamutham Srujana Ratnam	18021A0109	Study Of Environmental Guidelines Of NBC 2016	Dr. KVSG Murali Krishna	2021-2022	JNTUK
	Panduri Charan	19025A0149				
	Toka Murali Krishna	19025A0154				
7	Kodukulla Rasagna	18021A0110	A Comparative Study On Analysis And Design Of Multi Storey Building Subjected To Earthquake Loads And Building With Soft Storey Using ETABS	Dr.P.Subba Rao	2021-2022	JNTUK
	Pamarthi Sandeep	18021A0124				
	Manda Siva Saran	19025A0137				
8	Sk. Salma	18021A0111	Estimation Of Losses In Irrigation Canal And Its Remedial Measures	Dr.V.Sreenivasulu	2021-2022	JNTUK
	T.Siva Rama Krishna Sai	18021A0116				
	Vydadi Padmavathi	19025A0144				
9	I Triveni	18021A0112	A Laboratory Study On The Performance Of Mill Scale Dust On Improving The Properties Of Marine Clay As Subgrade For Flexible Pavements Based On The CBR Value	Dr. D. Koteswara Rao	2021-2022	JNTUK
	Mss Sasi PreethamAlapati	18021A0125				
	B Venkat Reddy	19025A0139				
	S John Ashish	17021A0134				
10	Seelam Varun Nehru	18021A0113	Design Of Flexible Pavement For A Low Volume Rural Road	Smt.T. Lilly Rani	2021-2022	JNTUK
	Shaik Yunus Ahmed	18021A0120				
	Alla Rajitha Sri	18021A0129				
	Kare Satish	19025A0147				
11	Gogi S G V Durga Prasad	18021A0118	Analysis And Design Of Counterfort Retaining Wall	Dr.S.Shameem Banu	2021-2022	JNTUK
	P. Iswarya	19025A0140				
	J.Ramachandra Sai Kanakaraju	19025A0152				
12	K S S M Rajkumar	18021A0119	Design, Analysis And Estimation Of Over Head Water Tank	Dr.M.Swaroopa Rani	2021-2022	JNTUK
	Paidi Maneesha	18021A0127				
	Chintada Karthik	19025A0148				
13	Md.Hanisuddin	18021A0121	A Laboratory Study On The Performance Of GGBS And Silica Fume On Improving The Properties Of Marine Clay As A Subgrade For Flexible Pavements	Smt.Mohammad Sajida Sultana	2021-2022	JNTUK
	P. V. V. Sriikiran	18021A0126				
	Ch.Sravya NagaPrasanna	19025A0142				
14	P. B V Nithin	18021A0123	Construction Of Flexible Pavement Using Terrazyme In Rural Area	Smt.G. Surya Rama	2021-2022	JNTUK
	B.Harsha Vardhan	18021A0128				
	B.C V Raju	19025A0146				
15	T. N. B. V. Kishore	19025A0136	Change Analysis Of Land Use And Land Cover Of APCRDA Region Amaravati Using Remote Sensing And GIS Techniques	Dr.K.Padma Kumari	2021-2022	JNTUK
	Bolla Bhargavi	19025A0141				
	Sk. Eimam Sharif	19025A0145				



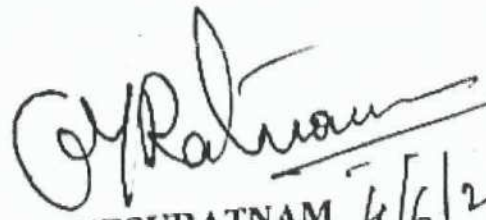
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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
UNIVERSITY COLLEGE OF ENGINEERING, KAKINADA  
DEPARTMENT OF CIVIL ENGINEERING


CERTIFICATE

This is to certify that the project report entitled "PROPOSED PG HOSTEL (G+5) AT JNTU KAKINADA CAMPUS" is submitted by G.SIVANI (18021A0103), K.NAGARAJU (19025A01), Y.MOHAN KRISHNA REDDY (18021A0130) in partial fulfilment of the requirements for the award of degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA is a record of a confident work carried out by them 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.

  
Dr. G. YESURATNAM 4/6/22

Professor  
Department of Civil Engineering  
JNTU KAKINADA  
PROFESSOR  
Department of Civil Engineering  
University College of Engineering  
JNTUK, KAKINADA



Dr. B. KRISHNA RAO  
Head of the Department  
Department of Civil Engineering  
JNTU KAKINADA

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

  
REGISTRAR

J.N.T. University Kakinada

427  
423  
422  
430

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
UNIVERSITY COLLEGE OF ENGINEERING, KAKINADA



CERTIFICATE

This is to certify that the work which is being presented in the thesis entitled "CHANGE ANALYSIS OF LAND USE AND LAND COVER OF APCRDA REGION-AMARAVATI ON 2014 AND 2021 BY USING REMOTE SENSING AND GIS TECHNIQUES" is a bonafide work done by Bolla. Bhargavi, T.N.B.V. Kishore, SK. Eimam sharif is being submitted in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the UNIVERSITY COLLEGE OF ENGINEERING, KAKINADA is a record of bonafide work carried out under my guidance and supervision during the academic year 2019 - 2022 and it has been suitable for acceptance according to requirements to the university.

**Dr. K. PADMA KUMARI,**  
Professor in Geology,  
University College of Engineering,  
J.N.T. University,  
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PROFESSOR  
Department of Civil Engineering  
University College of Engineering  
JNTUK, KAKINADA

**Dr. B. KRISHNA RAO**  
Professor of Civil Engineering,  
Head of Civil Engineering,  
J.N.T. University,  
Kakinada-533003.

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

External Examiner

||

388  
422


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




**CERTIFICATE**

This is to certify that the thesis work entitled "DESIGN OF SEWAGE TREATMENT PLANT IN YETIMOGA IN KAKINADA SMART CITY" is bonafide work done by A. SIVA SAI RAJA (19025A0135), V. SAI SATHISH NAIK (18021A0101), G. SRAVYA (18021A0132) and submitted in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING to the faculty of Civil Engineering Department of the Jawaharlal Nehru Technological University under my 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.

  
**Dr. G. ABBATAH**  
Project Guide

  
**Dr. B. KRISHNA RAO**  
PROFESSOR & HEAD  
Department of Civil Engineering  
Professor & Head of the Department  
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**EXTERNAL EXAMINER**

  
**REGISTRAR**  
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Kakinada-533003

389  
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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**DEPARTMENT OF CIVIL ENGINEERING**

**CERTIFICATE**

This is to certify that the project report entitled "ANALYSIS AND DESIGN OF MULTI STOREY RESIDENTIAL BUILDING" is being submitted by MANOOHYA, V.BHASKARA CHANDRA REDDY, N.ACHYUT BABU NULU, MOHAMMAD ALI G. SRAVYA MOUNIKA in partial fulfillment for the award of Degree of Bachelor of Technology in Civil Engineering to the Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh, India, is a record of bonafied work carried out by them under my supervision.

**HEAD OF THE DEPARTMENT**  
**PROFESSOR & HEAD**  
Department of Civil Engineering  
**Dr. B. KRISHNA RAO**  
Professor and HEAD,  
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**PROJECT GUIDE**  
PROFESSOR  
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**External Examiner**

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408  
413

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



**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 SUB GRADE FOR FLEXIBLE PAVEMENTS" is being submitted by CH.S.N.PRASANNA, P.V.V SRIKIRAN, MD. HANISUDDIN in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA, is a record of bonafide work carried out by them under my guidance and supervision.

*Dr. Sajida Sulthana*

**Project Guide**

Dr. Sajida Sulthana

Assistant Professor (C)

Department of Civil Engineering

University College of Engineering

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University College of Engineering  
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Professor & Head

Department of Civil Engineering  
University College of Engineering  
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**REGISTRAR**  
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Kakinada-533003



Projects  
(21/02)

TO NAAC

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DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY COLLEGE OF ENGINEERING

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA



CERTIFICATE

This is to certify that the project entitled DESIGN OF GABION WALL FOR PROTECTION AGAINST COASTAL EROSION IN KAKINADA" is being submitted by N.SATHVIKA, B.RUCHITHA, K.CHARAN, A.SASI VELANKANNI in partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA. Kakinada is a record of bonafide work carried out by them under my guidance and supervision.

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

**Project Guide**  
Dr.K.RAMU  
DIRECTOR OF BICS  
Professor of Civil Engineering  
Department of Civil Engineering  
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**PROFESSOR**  
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Kakinada


397  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**UNIVERSITY COLLEGE OF ENGINEERING KAKINADA**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
Kakinada, Andhra Pradesh, India-533003

**CERTIFICATE**

This is to certify that the dissertation entitled "An Analytical Study on Effect of Wind Load on Performance of (G+10) Multi Storeyed Building With and Without Non-Linear Dynamic Earth Software" is being submitted by, M. Siva Saran, K. Rasagna, P. Sandeep in partial fulfillment of the requirement for the award of the degree of *Bachelor of Technology* in *Civil Engineering* according to the Jawaharlal Nehru Technological University, Kakinada, is a record of bonafide work carried out by them under my guidance and supervision

  
Project Advisor  
Dr. P. Subba Rao  
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PROFESSOR & HEAD  
Head of the department  
Dr. B. Krishna Rao  
Professor & head  
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External Examiner

Place: Kakinada  
Date: 4-6-2021

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

399  
412  
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CERTIFICATE

This is to certify that the project entitled 'A LABORATORY STUDY ON THE PERFORMANCE OF MILL SCALE DUST ON IMPROVING THE PROPERTIES OF THE MARINE CLAY AS SUBGRADE FOR FLEXIBLE PAVEMENTS BASED ON THE CBR VALUE' is being submitted by B. VENKAT REDDY, A. SASI PREETHAM, S. JOHN ASHISH, I. TRIVENI in partial fulfilment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA. Kakinada is a record of bonafied work carried out by them 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  
OSD to HONOURABLE VICE CHANCELLOR  
Professor of Civil Engineering  
Department of Civil Engineering  
University College of Engineering  
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**Dr. D. KOTESWARA RAO**  
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External Examiner

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Kakinada-533003

UNIVERSITY COLLEGE OF ENGINEERING KAKINADA (A)  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
KAKINADA, AP 533 003



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that this is a bonafide record of the main project entitled "DESIGN OF FLEXIBLE PAVEMENT FOR A LOW VOLUME RURAL ROAD" carried out by K. SATISH (18025A0147), SK. YUNUS AHMED (18021A0120), S. VARUN NEHRU (18021A0113), A. RAJITHA SRI (18021A0129) of IV B.Tech. Civil Engineering during the academic year 2021-2022 in partial fulfillment of the requirements for the award of Degree of Bachelor of Technology from Jawaharlal Nehru Technological University Kakinada.

*T. Lilly Rani*  
PROJECT GUIDE

T.LILLY RANI  
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*BK*  
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HEAD OF THE DEPARTMENT  
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Professor and HOD  
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UCEK, JNTUK

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

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



**CERTIFICATE**

This is to certify that this is a bonafide record of the main project entitled "ESTIMATION OF LOSSES IN IRRIGATION CANAL AND ITS REMEDIAL MEASURES" carried out by V.PADMAVATHI (19025A0144), T.SIVA RAMA KRISHNA SAI (18021A0116), SK.SALMA (18021A0111) of IV B.Tech Civil Engineering during the academic year 2021-2022 in partial fulfilment of the requirements for the award of degree in BACHELOR OF TECHNOLOGY in civil engineering from JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY Kakinada.

**Dr. V.SREENIVASULU**

Project Guide

PROFESSOR

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University College of Engineering  
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**EXTERNALEXAMINER**

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PROFESSOR & HEAD

Department of Civil Engineering,  
University College of Engineering  
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REGISTRAR

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Kakinada-533003

405  
426  
436

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



CERTIFICATE

This is to certify that the project entitled "DESIGN AND ANALYSIS OF COUNTERFORT RETAINING WALL" is being submitted by **J. RAMACHANDRA SAI KANAKARAJU, G.S.G.V. DURGA PRASAD, P. ISWARYA** in partial fulfilment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **CIVIL ENGINEERING** to the **JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY** is a record bona-fide work carried out by him under guidance. The result embodied in this project report has not been submitted to any other university or institution for the award of the degree.

**Project Guide**  
Smt. S. Shameem Banu  
B.E., M. Tech. (Ph.D.)  
Asst. Professor  
Department of Civil Engineering  
University College of Engineering  
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ASSISTANT PROFESSOR  
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University College of Engineering  
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**Head of the Department**  
Dr. B. Krishna Rao  
B.E., M. Tech., Ph.D.  
Professor & Head  
Department of Civil Engineering  
University College of Engineering  
JNTUK Kakinada - 533003

PROFESSOR & HEAD  
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University College of Engineering  
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External Examiner

**REGISTRAR**  
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Kakinada-533003

UNIVERSITY COLLEGE OF ENGINEERING

JNTU KAKINADA-533003

406  
414  
433



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that the project report entitled "DESIGN, ANALYSIS AND ESTIMATION OF OVER HEAD WATER TANK" is submitted by CH.KARTHIK (19025A0148), P.MANEESHA (18021A0127), K.S.S.M. RAJKUMAR (18021A0119) in partial fulfilment of the requirements for the award of the BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING at the University College of Engineering, JNTU Kakinada is a record of the Bonafede work carried out by them under my guidance and supervision.

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

PROJECT GUIDE  
PROFESSOR  
Department of Civil Engineering  
Dr. M. Swaroopa Rani  
Department of Civil Engineering  
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Professor  
Dept. of Civil Engineering  
UCEK(Autonomous)  
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Dr. B. Krishna Rao

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Dept. of Civil Engineering

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



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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

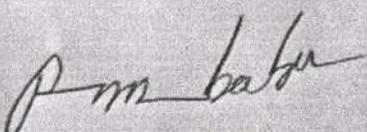
UNIVERSITY COLLEGE OF ENGINEERING, KAKINADA

DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

This is to certify that the project report entitled "EVALUATION OF GROUNDWATER QUALITY FOR VISAKHAPATNAM URBAN AREA USING QGIS" is submitted by CH. SUNANDANA (18021A0105), D. VYSHNAVI (18021A0133), E. E. ROOPASI (18021A0122), B. SAI VENKAT (18021A0131), in partial fulfillment of the requirements for the award of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING to the JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA is a record of bonafide work carried out by them 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.

  
Dr. P. MYNAR BABU

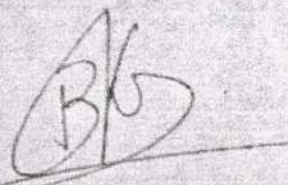
Asst. Professor(c)

Department of Civil Engineering

JNTU KAKINADA

PROFESSOR

Department of Civil Engineering  
University College of Engineering

  
Dr. B. KRISHNA RAO


Head of the department

Department of civil engineering

JNTU KAKINADA

PROFESSOR & HEAD

Department of Civil Engineering  
University College of Engineering

  
REGISTRAR  
J.N.T. University Kakinada  
Kakinada





410.  
415  
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## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

This is to certify that this is a Bonafide record of the main project entitled "CONSTRUCTION OF FLEXIBLE PAVEMENT USING TERRAZYM IN RURAL AREA" carried out by B C V RAJU (19025A0146), P B V N UTHIN (18021A0123), B HARSHA VARDHAN (18021A0128) of IV B. Tech. Civil Engineering during the academic year 2021-2022 in partial fulfilment of the requirements for the award of Degree of Bachelor of Technology from Jawaharlal Nehru Technological University Kakinada.

G. Surya Rama  
PROJECT GUIDE

G. SURYA RAMA  
Assistant Professor  
Department of Civil Engineering

UCEK, JNTUK  
ASSISTANT PROFESSOR  
Department of Civil Engineering  
University College of Engineering  
J.N.T.U.-KAKINADA-4

  
HEAD OF THE DEPARTMENT

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Professor and Head of the Department  
Department of Civil Engineering  
UCEK, JNTUK

PROFESSOR & HEAD  
Department of Civil Engineering  
University College of Engineering  
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External Examiner

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

437



CERTIFICATE

This is to certify that the work which is being presented in MAIN PROJECT entitled "STUDY OF ENVIRONMENTAL GUIDELINES OF NBC 2016" is a bonafide work done by TOKA MURALI KRISHNA (19025A0154) and submitted in partial fulfillment of the requirement for the award of degree of BACHELOR OF TECHNOLOGY in CIVIL ENGINEERING in JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.

This record of bonafide work was carried out him my guidance and supervision.

Dr. KVSG MURALI KRISHNA

Project Guide

Professor of Civil Engineering

Department of Civil Engineering

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