

Online

Value Added Course

on

Foundation Engineering Practice (Case Studies)

06th April to 28th May 2021



Organized by

Department of Civil Engineering

Gokaraju Rangaraju

Institute of Engineering and Technology

Bachupally, Kukatpally, Hyderabad-500090

Website: www.griet.ac.in

About the Institute

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) is established in 1997 by Dr. G Gangaraju as a self-financed institute under the aegis of Gokaraju Rangaraju Educational Society. GRIET is approved by AICTE, New Delhi, permanently affiliated to and autonomous under JNTUH, Hyderabad. GRIET is committed to quality education and is known for its innovative teaching practices.

The mission of GRIET is to achieve and impart quality education with an emphasis on practical skills and social relevance. Presently GRIET has 9 UG and 6 PG programs. The college is NBA accredited in CE, CSE, ECE, EEE, IT, and ME. CSBS, AI&ML, DS are new programs. The institute is accredited by NAAC with 'A++' grade.

About the Department

The Department of Civil Engineering is established in the year 2008, with an intake of 60 students. It is a fast-growing discipline in tune with the infrastructure growth.

The department has master's program in Structural Engineering, established in the year 2014 with an intake of 18 students which is further increased to 30 students from the academic year 2017. The department has well equipped laboratories with an emphasis on practical skills and fundamentals. The Department has well experienced and talented faculty which includes nine doctorates.



Course Contents

- Overview on types of foundations in Common Use
- Ground Improvement Techniques
- Foundation Design and relevant IS Codes.
- Typical Foundation Issues in and around Hyderabad city
- Residential and Commercial buildings (Tall Structures)
- Industrial Structures (Fertilization Plants and Power Stations)
- Metro Rail
- Airports
- Harbour Structures (Berthing)
- Failures during Construction and Remedial Measures
- Discussions on Important Lessons

Prerequisite

Knowledge in Geotechnical Engineering, Foundation Engineering, Soil Investigation and Testing course and relevant IS codes.

Duration

14 Sessions

(Every Tuesday & Friday from 6th April to 28th May 2021)

Time

3:00PM – 4:00PM

Targeted Audience

- M. Tech Structural Engineering
- B. Tech Civil Engineering

FREE Registration

Registration Link:

<https://forms.gle/a9jSxu8p6QdwKjeT8>

Last Date of Registration

31st March 2021

Resource Person

Prof. V. S. Raju

Formerly: Director, IIT Delhi Professor & Dean, IIT Madras.



Patrons

Dr. Jandhyala N Murthy, Director, GRIET

Dr. J Praveen, Principal, GRIET

Dr. V Mallikarjuna Reddy,

Professor and HOD, CE, GRIET

Convenor

Dr. C. Lavanya

Professor of Civil Engineering

GRIET

Ph: 94929 24269

Coordinator

Mrs. K Hemalatha

Assistant Professor of Civil Engineering

GRIET

Ph: 8500589569



DEPARTMENT OF CIVIL ENGINEERING

Ref No: GRIET/CE/1C/G/20-21

9 Mar 2021

To

The Principal,

GRIET,

Hyderabad.

Subject: Value Added Course on Foundation Engineering Practice Case Studies Reg.,
Sir,

With reference to above subject, we the Department of Civil Engineering introducing Value Added Course on "Foundation Engineering Practice- Case Studies" by Prof. V.S. Raju (Formerly: Director IIT Delhi, Prof & Dean IIT Madras) for IV-year B. Tech Civil Engineering, I year M. Tech Structural Engineering Students. Certificate will be awarded to all students who clear both Internal and External examination. The examination pattern is 30 marks for Internal Examination and 70 marks for External Examination. Kindly, provide the subject code for the proposed Value-Added Course. Timetable and syllabus are enclosed below.

Thanks & Regards


Dr V Mallikarjuna Reddy 09/03/2021

Professor & HOD

Civil Engineering Dept

Principal

- ① list of students
 - ② to conduct internal and external exam
 - ③ to generate course code.
 - ④ total classes 30 hours.
- Asan
9.3.2021

J. Bouvion



Gokaraju Rangaraju Institute of Engineering and Technology

Department of Civil Engineering

Time-Table for Value Added Course AY: 2020-21 (II-Semester)

wef: 6th April 2021

Day	09:00 - 10:00	10:10 - 11:10	11:30 - 12:30 (For Theory) 11:30 - 13:00*(For Lab)	03:00-04:00 PM
Monday				
Tuesday				VAC(FEP-Case Studies)
Wednesday				
Thursday				
Friday				VAC(FEP-Case Studies)
Saturday				

Sub. Code	Sub.Shortform	Subjects	Speaker Name
	FEP	Foundation Engineering Practice- Case Studies	Prof. V S Raju

HOD-CE

9/3/2021

Pls Transfer A.c No.18822413000115 RTGS/NEFT DT.07.07.2021

S.No	Beneficiary Name	Beneficial Account No	Bank Name	IFSC Code	Brach Name	Amount
1	RAJU S VEGESNA	,007601505155	ICICI BANK	ICIC00011114	HYDERABAD	30000

CHEQUE NO.398562/07.07.21



[Handwritten signature]



GRIET/6C/G/20-21

EVENT SUMMARY REPORT

Griet /Other institutes/Organization Address:	GRIET		
Department	Civil Engineering		
Nature of the Event (Co & Extra Curricular Activities -Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Any Prof. Body events/Presentation/Conference/ Industry Visit)	Value Added Course		
Title / Theme of the Event	Foundation Engineering Practice (Case Studies)		
Details of the Coordinator& Designation	Dr C Lavanya Professor Associate Dean FDP		
Event Dates/Days	From	To	No. of Days
	06/04/2021	28/05/2021	15 (Every Tuesday & Friday)
Details of the Speaker / Guest Organization Address:	Prof. V S Raju (Formerly: Director, IIT Delhi, Dean, IIT Madras)		
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of UG students	No. of PG Students	Total Participants
	26	29	55
Faculty Names & Designation			

Summary of the Event

Prof. V S Raju (Formerly: Director, IIT Delhi, Dean, IIT Madras) discussed his all sessions by briefing PPT on laying foundations, excavations, Soil investigations, Foundation Recommendations, Precautions to be taken from excavations from various case Studies in Hyderabad viz., Metro rail, Hyderabad International Airport, Commercial buildings at Nanakramguda, Khaziguda, L&T Serene County. In addition to that he explained on difficulties for Highrise Building and the suitability of Piled raft foundations using case studies viz., Burj Khalifa, 51 storey Tower at Gurgaon, few projects near Delhi and need for foundation optimization in Urban Infrastructures like International Airport at Delhi, Metro Project in Nagpur. He also added Berthing structures case studies and concluded his session for discussion and questions. All the participants actively involved in open discussion and done well in the Assessment test.

IRG (in rupees)

Deposited A/C no A/C name and date and other details

(enclose proof-A/C statement)

Beneficiary Name : Raju S Vegesna
A/C Number : 0076015051555
Bank Name : ICICI
IFSC Code : ICIC0001114

Expenditure (in rupees)

(Enclose proof-bills)

Thirty Thousand Rupees only

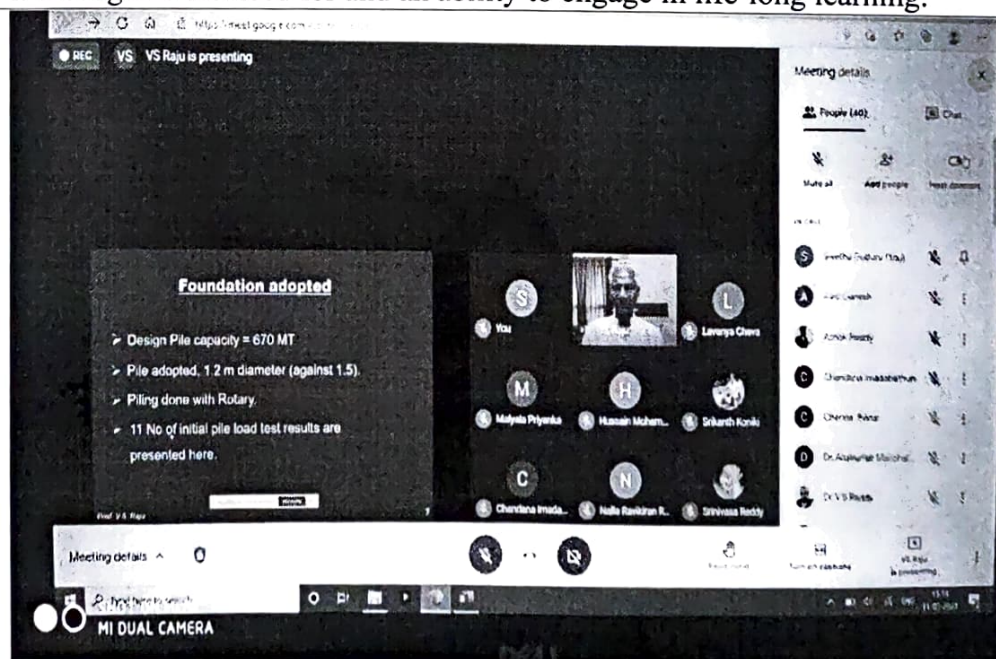
POs attained with this Event

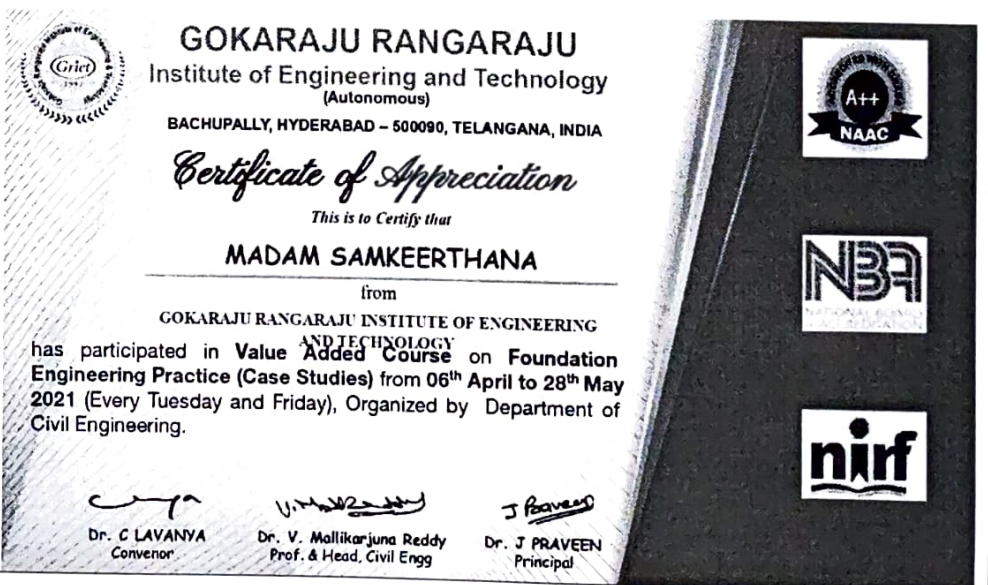
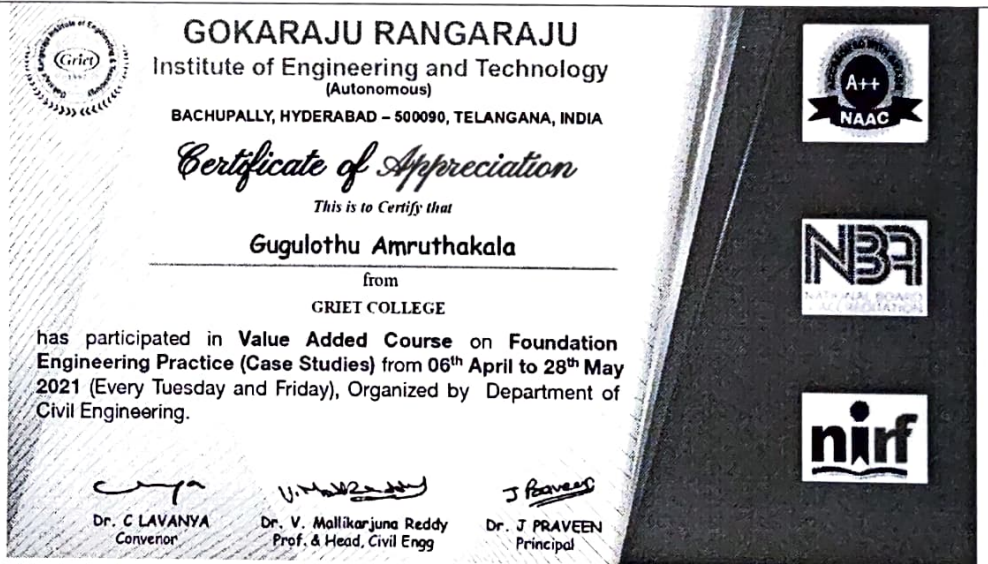
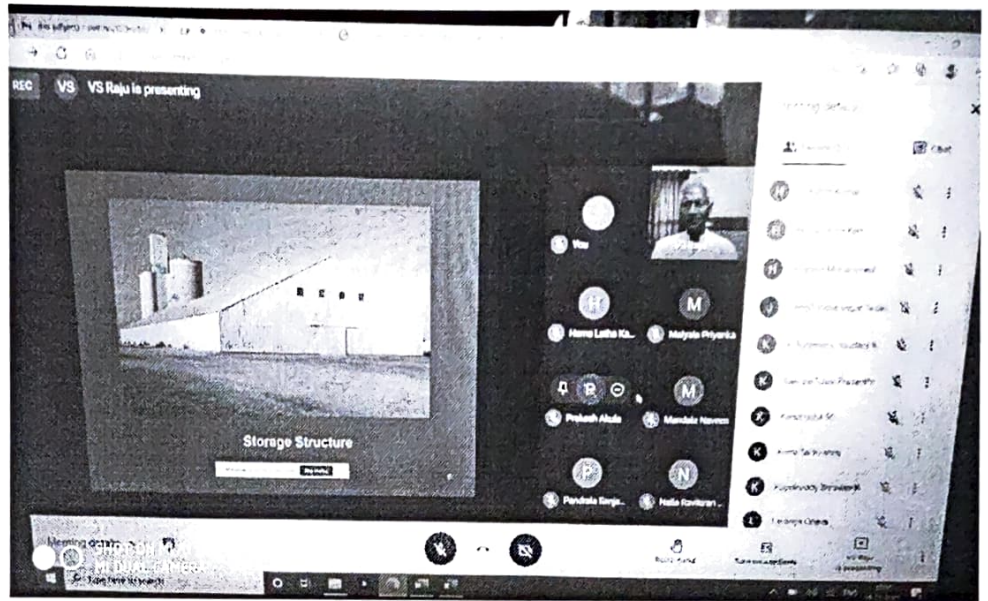
(number and description)

- Design a system component, or process to meet desired needs in Civil Engineering within realistic constraints
- Understand the impact of engineering solutions in a global, economic and societal context.
- Understanding of professional and ethical responsibility.
- Work effectively as an individual or in a team and to function on multi-disciplinary context.
- Communicate effectively with engineering community and society.
- Demonstrate the management principles in Civil Engineering projects.
- Recognize the need for and an ability to engage in life-long learning.

Photographs of the event

(Hard copy and Soft copy)





Proofs:

1. Certificates copies
2. Profile of Speaker
3. PPT/Material as applicable. etc.,



GOKARAJU RANGARAJU
Institute of Engineering and Technology
(Autonomous)
BACHUPALLY, HYDERABAD - 500090, TELANGANA, INDIA

Certificate of Appreciation

This is to Certify that

AVULA NAVYA SREE

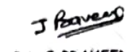
from

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING
AND TECHNOLOGY

has participated in **Value Added Course** on **Foundation Engineering Practice (Case Studies)** from **06th April to 28th May 2021** (Every Tuesday and Friday), Organized by Department of Civil Engineering.


Dr. C. LAVANYA
Convenor


Dr. V. Mallikarjuna Reddy
Prof. & Head, Civil Engg


Dr. J. PRAVEEN
Principal



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Institute of Engineering and Technology
(Autonomous)
BACHUPALLY, HYDERABAD - 500090, TELANGANA, INDIA

Certificate of Appreciation

This is to Certify that

NARAPA SIVA BHASKAR REDDY


from

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING &
TECHNOLOGY

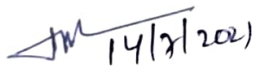
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Dr. C. LAVANYA
Convenor


Dr. V. Mallikarjuna Reddy
Prof. & Head, Civil Engg


Dr. J. PRAVEEN
Principal




14/7/2021

Signature of Coordinator


14/7/2021

Signature of HOD



GOKARAJU RANGARAJU

Institute of Engineering and Technology

(Autonomous)

BACHUPALLY, HYDERABAD – 500090, TELANGANA, INDIA

Certificate of Appreciation

This is to Certify
that

<<NAME>>

from

<<COLLEGE NAME>>

has participated in **VALUE ADDED COURSE** on
Foundation Engineering Practice (Case Studies) from **06th April to 28th May 2021** (Every Tuesday and Friday), Organized by
Department of Civil Engineering



Dr. C LAVANYA
Convenor

Dr. V. Mallikarjuna Reddy
Prof. & Head, Civil Engg

Dr. J PRAVEEN
Principal

REGISTRATION LIST

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