



GRIET/6C/G/24-25

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad				
Department	Civil Engineering	Professional Body	Institutional Body		
			Centre for Sustainable Technologies for Eco-Social Resilience to Global Climate Change (CST-ERG)		
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)	WORKSHOP				
Title / Theme of the Event	Sustainable Technologies in Civil Engineering: Perspectives and Strategies (STEPS-2024)				
Details of the Coordinator & Designation	Mr. Y Kamala Raju, Assistant Professor of Civil Engineering				
Event Dates/Days	From	To	No. of Days		
	26 DEC.2024	26 DEC.2024	1		
Details of the Speaker / Guest Organization Address:	<ol style="list-style-type: none"> 1. Er. A. Kashiram, GC Member, ACCE(I), Hyderabad Centre & imm. Past Chairman, ACCE(I), Hyderabad Centre, M/s. AKR Associates, Hyderabad. 2. Er. C Ramesh, Secretary ACCE(I), Hyderabad Centre and Managing Director, R K Engineers, Miyapur, Hyderabad. 				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	14	35	-	1	50
Faculty Names & Designation	Dr. G.V.V. Satyanarayana Professor Dr. V Mallikarjuna reddy Professor Mr T Srikanth Associate Professor Sri Siva Prasad Raju V Assistant Professor Mr. Y.Kamala Raju Assistant Professor Ms. K.Hemalatha Assistant Professor				

Mr A Vittalaiah Assistant Professor
C Vivek Kumar Assistant Professor
Rathod Ravinder Assistant Professor
A Prakash Assistant Professor
PSRPSS VARDHANI Assistant Professor
Polina V V S S R Krishna Assistant Professor
V NARESH KUMAR VARMA, Assistant Professor
S Venkata charyulu, Assistant Professor

Participated Student list

M SAI KUMARA BHANU SATHWIK
MOHD MUBEEN
NAGAPURI ANIKETH
NUNAVATH SAI PRIYA
PATEL VARUN
PAWDE SRINIDHI
PERUMALLA KAMALAKAR GOUD
PRINCE RICHARD SETTIMALA
RAMAVATH NAGESHWAR RAO
RAMAVATH ROHITH
SALIGANTI DINESH
SHAH MOHAMMED NUMAAN UDDIN
SHAIK ABDUL HAARIS
TEJAVATH NARENDAR
VANKUDOTH GOPI
VENNA MADHUSHALINI
MRIDUL RAINA
AKULA SMRITHI
ANNAM SAIVARSHITH
CHEERLA RITHIK
DASARISAIKUMAR
DEVARUPPALA SUMVEDA
GARDASWARSANKETHA
EDLA AJITHESH
GUNAGANTIBHANU PRAKASH
MATTADI SAIGANESH
R MAHESH BABU
KOTHAPRASANNA LAXMI
MAHESHWARAMSIDDARDHA
POLAMPELLI JAHNAVI
SIRIMALLESANJAY BABU
PREMARA SIMON
RENUKUNTLAOMKAR BABU
YARAMALASURENDARREDDY
SANDRALANAVEEN
SHAIK AFTHAB

<p>Summary of the Event</p>	<p>Report of 14th National Workshop on " Sustainable Technologies in Civil Engineering: Perspectives and Strategies"(STEPS-2024) " held on 26 December 2024 at GRIET.</p> <p>The inaugural function was started with lightening the Lamp then welcome address by Y Kamala Raju, Convener of STEPS- 2024. The consumption rate of Natural Resources of people must be reduced with a sense of urgency and a spirit of sacrifice to achieve seventeen sustainable development goals of United Nations by 2030. Dr GVV Satyanarayana Professor & HOD, Civil delivered a talk on Strength of our department and Dr J N Murthy, Director, GRIET delivered a talk on Sustainability aspects and practices in current scenario</p> <p>First speaker delivered a talk on Repairs, Rehabilitation & Retrofitting of RCC Structures by Er. C Ramesh, Secretary ACCE(I), Hyderabad Centre and Managing Director, R K Engineers, Miyapur, Hyderabad.</p> <p>The second speaker delivered a talk on Building Bylaws - Telangana state by Er. A. Kashiram, GC Member, ACCE(I), Hyderabad Centre & imm. Past Chairman, ACCE(I), Hyderabad Centre, M/s. AKR Associates, Hyderabad.</p>
<p>IRG (in rupees)</p> <p>Deposited A/C no A/C name and date and other details</p> <p>(enclose proof-A/C statement)</p>	<p>5000</p>
<p>Expenditure (in rupees)</p> <p>(Enclose proof-bills)</p>	<p>11875/-</p>
<p>POs attained with this Event</p> <p>(number and description)</p>	<p>f. Understand the impact of engineering solutions in a global, economic and societal context.</p> <p>g. Understand the effect of Civil Engineering solutions on environment and to demonstrate the need for sustainable development.</p> <p>h. Understanding of professional and ethical responsibility.</p> <p>i. Work effectively as an individual or in a team and to function on multi-disciplinary context.</p> <p>j. Communicate effectively with engineering community and society.</p> <p>k. Demonstrate the management principles in Civil Engineering projects.</p> <p>l. Recognize the need for and an ability to engage in life-long learning</p>

Photographs of the event
(Hard copy and Soft copy)



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

Topics of Workshop

1. Repairs, Rehabilitation & Retrofitting of RCC Structures by Er. C Ramesh, Secretary ACCE(I), Hyderabad Centre and Managing Director, RK Engineers, Miyapur, Hyderabad 500049.
 2. Building Bylaws - Telangana state by A. Kashiram, GC Member, ACCE(I), Hyderabad Centre & imm. Past Chairman, ACCE(I), Hyderabad Centre.

Advisory Committee

Mr. S. Venkatacharyulu, Asst. Professor
 Mr. Siva Prasad Raju V, Asst. Professor
 Mrs. K.Hemalatha, Asst. Professor
 Mr V Naresh Kumar Varma, Asst. Professor
 Mr A Vittalaiah, Asst. Professor
 Mr. C Vivek Kumar, Asst. Professor
 Mr. Rathod Ravinder, Asst. Professor
 Mr. A Prakash, Asst. Professor
 Mr. P V V S S R Krishna, Asst. Professor
 Mrs. P.S.R.P.S.S.S Vardhani, Asst. Professor

Organizing Committee

Chief Patron : **Dr. Jandhyala N. Murthy**
 Director, GRIET
Dr. KVS Raju
 SAO, GRIET
 Patron : **Dr. J Praveen**
 Principal, GRIET
 Convener : **Mr Y Kamala Raju**
 Asst. Professor
 Co-Convener : **Dr. G.V.V. Satyanarayana**
 Professor & HOD

Technical Committee

Dr V. Mallikarjuna Reddy, Professor
 Dr C. Lavanya, Professor & Dean
 Dr. T. Srinivas, Professor & Dean
 Dr. O.S.D. Hima Bindu, Associate Professor
 Mr T. Srikanth, Associate Professor

Address for Communication

Y. Kamala Raju
 Assistant Professor
 Department of Civil Engineering
 Gokaraju Rangaraju Institute of Engineering and Technology (GRIET), Bachupally, Kukatapally, Hyderabad – 500 090.
 Email : kamalaraju@griet.ac.in
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14th National Workshop
on
Sustainable Technologies in
Civil Engineering:
Perspectives and Strategies
STEPS - 2024
26 December, 2024



Organized by
 Department of Civil Engineering
 &
 Centre for Sustainable Technologies for Eco
 Social Resilience to Global Climate Change
 (CST-ERG)
Gokaraju Rangaraju
Institute of Engineering and Technology
 Bachupally, Hyderabad-500090
 Website: www.griet.ac.in

GRIET: Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) is a premier institute of engineering, established in the year 1997 under the patronage of the Gokaraju Rangaraju Educational Society. The college is approved by AICTE and is affiliated to JNTU, Hyderabad. The mission of GRIET is to achieve and impart quality education with an emphasis on practical skills and social relevance. Autonomous status is awarded to GRIET by Jawaharlal Nehru Technological University Hyderabad (JNTUH). The college is NBA accredited in CE, ME, CSE, IT, ECE and EEE. The institute is accredited by NAAC with 'A++' grade.

Department of Civil Engineering: The Department of Civil Engineering is established in the year 2008, with an intake of sixty students. The department has well equipped laboratories with an emphasis on practical skills and fundamentals. The Department has experienced and well talented faculty which includes five doctorates.

About the workshop: One of the eight millennium development goals of United Nations focuses on “ensuring environmental sustainability”. In this context, the present national workshop with a focal theme on “**Sustainable Technologies in Civil Engineering: Perspectives and Strategies (STEPS-2024)**” is an attempt to emphasize the urgent need for creating awareness about environmentally sustainable technologies in Civil Engineering. Towards the goal of creating a healthy environment which uses resources in a sustainable manner, this workshop invites all those involved in this endeavour to attend for technical enrichment. Centre for Sustainable Technologies for Eco Social Resilience to Global Climate Change (CST-ERG) & Centre for Water Resources Engineering and Management (CREAM). These centres are established to encourage students and faculty to engage in projects with an emphasis on the environment friendly technologies and water conservation management.

Objectives: In the present millennium, “sustainability” is increasingly becoming a key social, political, scientific and engineering issue. The global importance of sustainability is evident now as UN decade for sustainable development. The only problem is to make the technology respect the imposed constraints. Engineers are asked to do this by designing new processes and/or by modifying existing processes using renewable resources and producing by-products that can be safely returned to the earth. In this context, the present workshop intends to focus on sustainable technologies in Civil Engineering and discuss in detail about their implementation issues to be resolved.

Registration fee: Rs. 100/- participant.
 HOD CIVIL DEPARTMENT
 GRIET BACHUPALLY
 A/C NO 18822191002750
 PUNJAB NATIONAL BANK
 IFSC : PUNB0188210
 After payment, register in google Form
<https://forms.gle/dCZy8bojco1jVMFV9>





GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY (GRIET)
 (Autonomous)
 DEPARTMENT OF CIVIL ENGINEERING



&
Centre for Sustainable Technologies for Eco Social Resilience to Global Climate Change (CST-ERG)

Certificate

This is to certify that **Mr. Adepu Manojkumar**, Student from Christu Jyothi Institute of Technology and Science, Jangaon participated on the 14th National workshop on **Sustainable Technologies in Civil Engineering: Perspectives and Strategies (STEPS - 2024)** on 26 December 2024.

Mr. Y. KAMALARAJU
 Convener

Dr. G V V SATYANARAYANA
 Co-Convener

Dr. J. PRAVEEN
 Principal

Signature of Coordinator

Signature of HOD