TOPICS OF WORKSHOP

1. Sustainable Concrete Technologies
   Prof.Dr. M V Seshagiri Rao, Professor, JNTUH.
2. Sustainable Water Management
   Prof. Dr. N Uma Mahesh, NIT, Warangal
3. Sustainable Transportation Technologies
   Prof. Dr. CSRK Prasad, NIT, Warangal.
4. Green Building Technologies
   Experts form Indian Green Building Council(IGBC).
5. Field Visit to Green Buildings.
6. Sustainable Rural Development using GIS Technologies
   Dr.T. Phanindra Kumar, Centre for Geoinformatics Applications in Rural Development (C-GARD), National Institute of Rural Development (NIRD) & Panchayathraj, Hyderabad.
7. Sustainable Waste Remediation by Bioenergy Generation - Dr. S. Venkata Mohan, Principal Scientist, Indian Institute of Chemical Technology (IICT) Hyderabad. Shanti Swaroop Bhatnagar Awardee 2014.
8. Sustainable Construction Technologies- Er. V V Krishna Reddy , Chief Consultant, Continental Designers Hyderabad.
9. Possible Attitudinal changes and Life style changes for reducing the rate of consumption of naturalresources, The ecological footprint and the greenhouse gas emissions using MAHARISHI PATANJALI YOGA at both individual and collective levels - Prof. M. Venkata Reddy, Yoga therapist to His Excellency Governor of Telangana & Andhra Pradesh & Former Director, Government Vemana Yoga Research Institute, Hyderabad

BOARDING & LODGING

All the participants of the seminar will be provided with working lunch.
The boarding and lodging at local hotels will have to be borne by the participants. However, the hotel room will be reserved on prior intimation.

REGISTRATION FEE

- The Registration fee for Faculty is Rs. 200
- DD Can be drawn in favour of M/S HOD CIVIL DEPARTMENT Payable at Hyderabad
- The registration fee includes Course Material, Lunch, and Snacks
- Applications can be downloaded or photocopied.
- Selection is based on first come first serve basis.
- Participation Certificates will be provided to each participant.

ORGANIZING COMMITTEE

Chief Patron

Prof. P.S. Raju, Director, GRIET

Patron

Dr. Jandhyala N Murthy Principal, GRIET

Convenor

Dr. Mohd. Hussain, Professor & HOD,
Dept. of Civil Engineering, GRIET

Co- Convenor

Dr GVKSV Prasad, Professor,GRIET

Coordinators

Mr. Y. Kamalaraju, Asst. Professor, GRIET
Mr. S Venkatacharyulu, Assistant Professor, GRIET
Mr. Shaik Fayazuddin, Asst. Professor, GRIET
Mr. G Karthik, Asst. Professor, GRIET
Mr. V Naresh Kumar Varma, Asst. Professor, GRIET

COMMUNICATION ADDRESS

Dr. Mohd. Hussain,
Professor and HOD,
Convenor, STEPS 2015,
Department of Civil Engineering
Gokaraju Rangaraju
Institute of Engineering and Technology
Bachupally, Kukatapally, Hyderabad – 500 090.
Email : steps@griet.ac.in
(Off): 040- 2304 2555/666/777
Cell: 09963880472/ 09849017741

Faculty Development Programme

Three Day National workshop on Sustainable Technologies in Civil Engineering: Perspectives and Strategies

STEPS - 2015

28-30 December-2015

UNDER TEQIP II

Organized by

Department of Civil Engineering
&
Centre for Sustainable Technologies for Eco Social Resilience to Global Climate Change (CST-ERG)
&
Centre for Water Resources Engineering and Management (CREAM)

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
Accredited by NBA, NAAC with 'A' Grade

Bachupally, Kukatapally, Hyderabad-500 090
Web: www.griet.ac.in

ABOUT THE 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) and UGC. The college is NBA accredited in ME, CSE, IT, ECE, BT and EEE. The institute is accredited by NAAC with 'A' grade. The college is selected for TEQIP programme of World Bank.

ABOUT THE DEPARTMENT

The Department of Civil Engineering is established in the year 2008, with an intake of sixty students which is further increased to 120 students from the academic year 2009. It is a fast growing discipline in tune with the infrastructure growth. 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.

Centre for Sustainable Technologies for Eco Social Resilience to Global Climate Change (CST-ERG) & Centre for Water Resources Engineering and Management (CREAM)

These centers are established to encourage students and faculty to engage in projects with an emphasis on the environment friendly technologies and water conservation management.

INNER NONVERBAL MEANING OF STEPS -2015 LOGO

The logo contains the figures of Globe ,Polar Icecaps(top and bottom circles) and Drop .The drop represents water drop, oil drop, flame and leaf emphasizing the importance of global conservation of water, oil, energy and environment respectively.

The logo contains the caption : Let us together think globally and act locally for sustainable development.

ABOUT THE WORKSHOP

United Nations sustainable development summit held during 25-27, September 2015 is an indication of global action on sustainable development. United Nations 2030 agenda for sustainable development includes 17 sustainable development goals and 169 targets (http//Sustainable development.un.org). Sustainable technologies in civil engineering have a major role in attaining these goals.

Intended Nationally Determined Contributions (INDC), submitted to the UN Climate body, UNFCCC (United Nations Framework Convention on Climate Change) India has promised to reduce greenhouse gas emissions by 33 to 35 percent by 2030 from 2005 level (newsroom.unfccc.int).

In this context, the present national workshop with a focal theme on **"Sustainable Technologies in Civil Engineering: Perspectives and Strategies (STEPS-2015)"** 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, recycles more of the wastes, this workshop invites all those involved in this endeavour to attend for technical enrichment.

Objectives: In the present millennium, "sustainability" is increasingly becoming a key social, political, scientific and engineering issue. Sustainable development, which can very simply be defined as a process in which one tries not to take more from nature than nature can replenish, can be obtained without sacrificing the many benefits that modern technology has brought. 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 their implementation issues.

Faculty Development Programme
Three Day
National workshop on
Sustainable Technologies in Civil Engineering: Perspectives and Strategies
STEPS - 2015
28-30 December-2015

Registration Form

Name : .....

Designation : .....

Department : .....

Mobile No. : .....

Landline No. : .....

E-mail ID : .....

Qualification with Specialization:... .....

Experience : .....

Declaration: The information furnished above is true to the best of my knowledge. I agree to abide by the rules governing the course.

Place:

Date:

Forwarded/ Sponsored by

Signature of the applicant

Signature and Seal of Principal/ Institute

Place:

Date:

(Photo copies of the registration forms are permitted)