

Topics of Workshop:

1. Seventeen sustainable development goals of United Nations to be achieved by 2030: Action planning and Implementation for Civil Engineers- Dr. Mohd. Hussain, Professor & Dean, GRIET.
2. Air Pollution Management for sustainable environment- Dr T .V. B. P.S. Ramakrishna, Principal Scientist, National Environmental Engineering Research Institute (NEERI), Hyderabad Zonal Centre, ICT campus, Uppal Road, Hyderabad 500007
3. Sustainable Watershed Management- Case Studies- Dr. Suhas P Wani, Director, ICRISAT Development Centre, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT).
Award winner as one of fifty most impactful global leaders in Water and Water Management. Internationally recognized for his contributions in ADARSHA Watershed in Kothapally near Hyderabad.
4. Green Buildings as Sustainable Construction –Expert from Indian Green Building Council.
5. Sustainable Transportation Technologies- Dr. P. Sravana, Professor, Dept. of Civil Engg, JNTUH College of Engg, Hyd.
6. Daily Practice of eight steps of Maharishi Patangali Yoga to prevent and cure Life Style Diseases including Mental disorders- -Dr. M. Nagalakshmi, Senior Medical Officer, Govt. Nature Cure Hospital, Govt. of Telangana, Begumpet, Hyderabad.

7. Field Visit to ICRISAT

Organizing Committee:

- Chief Patron : Prof. P.S. Raju,
Director, GRIET
- Patron : Dr. Jandhyala N. Murthy
Principal, GRIET
- Convenor : Dr. Mohd. Hussain,
Professor & Dean,
Dept. of Civil Engineering, GRIET
- Co- Convenor : Dr V Mallikarjuna Reddy,
Professor & HOD, GRIET.

Coordinators:

- Mr. Y. Kamalaraju, Assistant Professor, GRIET.
Ms. I. Chandana, Assistant Professor, GRIET.
Ms. Ch. Vaishnavi Devi, Assistant Professor, GRIET.
Mr M Govardhan Reddy, Assistant Professor, GRIET.
Ms. P Santhiraj, Assistant Professor, GRIET.

Address for Communication:

Dr. Mohd. Hussain,
Professor and Dean,
Convenor, STEPS 2017,
Department of Civil Engineering
Gokaraju Rangaraju Institute of Engineering and
Technology (GRIET), Bachupally, Kukatapally,
Hyderabad – 500 090.
Email : steps@griet.ac.in
(Off): 040- 2304 2555/666/777

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

There is a registration fee of Rs 300/- per participant.



7th Annual National Workshop On Sustainable Technologies in Civil Engineering: Perspectives and Strategies STEPS - 2017 21-22 December 2017



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)
Bachupally, Kukatapally, 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 and autonomous under JNTUH, Hyderabad. The mission of GRIET is to achieve and impart quality education with an emphasis on practical skills and social relevance. The college is NBA accredited for B. Tech programmes in CE, ME, CSE, IT, ECE and EEE & M. Tech programmes in Design For Manufacturing and Power Electronics. The institute is accredited by NAAC with 'A' grade. The college is recipient of TEQIP-II grant from World Bank.

Department of Civil Engineering

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 social relevance. The Department has experienced and well talented faculty which include six 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 -2017 logo

The logo contains the figures of Globe, Polar Ice caps (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 seventeen (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. They also improve World Happiness Index of every country, being published annually by United Nations Sustainable Development Solutions Network.

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-2017)**” 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. Health is the state of unbroken and indivisible wholeness and completeness. Health is also the expansion of consciousness (Margaret Newman). Perspective expansion causes the expansion of consciousness.

Health is a state of complete physical, mental, social wellbeing, and not merely the absence of disease or infirmity. Public health is the art and science of preventing disease, prolonging life and promoting health through the organized community effort (World Health Organization).

In this context, the present workshop intends to focus on sustainable technologies in Civil Engineering and their implementation issues to be resolved towards sustainable and healthy environment.



Application Form

Two Day National Workshop on
“Sustainable Technologies in Civil Engineering:
Perspectives and Strategies”

STEPS-2017

21-22 December 2017

Applicant's Details

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:

Signature of the applicant

Forwarded/ Sponsored by

Signature and Seal of Principal/ Institute

Place:

Date:

(Photo copies of the registration forms are permitted)