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# GURU NANAK INSTITUTE OF TECHNOLOGY

**City Office:** B2, 2<sup>nd</sup> Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.  
Ph: +91-40-6632 3294, 6517 6117, Fax: +91-40-2789 2633

**Campus:** Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

Date: 08-10-2016

## DEPARTMENT OF CIVIL ENGINEERING

### CIRCULAR

The Department of civil engineering is organizing a one day Workshop on ‘Sustainable land management’ on 12<sup>th</sup> oct, 2016.

In this connection I request you to circulate this among Teaching Staff and students about the seminar date and venue.

**PRINCIPAL**

**HOD-CIVIL**



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**Date: 12-oct-2016**

## Report of Seminar

On

### Sustainable Land Management

**Date of seminar: 12-oct-2016**

Name of the expert: Mr. Srinivas

The term sustainable land management is used, for example, in regional planning and soil or environmental protection but also in property and estate management.

The World Bank defines Sustainable Land Management as a process in a charged environment between environmental protection and the guarantee claim of ecosystem services on the one hand.

On the other hand it is about productivity of agriculture and forestry with respect to demographic growth and increasing pressure in land use. "SLM is defined as a knowledge-based procedure that helps integrate land, water, biodiversity, and environmental management (including input and output externalities) to meet rising food and fiber demands while sustaining ecosystem services and livelihoods.

SLM is necessary to meet the requirements of a growing population.

Improper land management can lead to land degradation and a significant reduction in the productive and service (biodiversity niches, hydrology, carbon sequestration) functions of watersheds and landscapes."

The United Nations Economic Commission for Europe (UNECE) applies the term in a much wider context.

Besides agriculture and forestry they include the mineral extraction sector, property and estate management. "Land management is the process by which the resources of land are put to good effect.

It covers all activities concerned with the management of land as a resource both from an environmental and from an economic perspective.

It can include farming, mineral extraction, property and estate management, and the physical planning of towns and the countryside."

In the course of national politics and programmes only few European states use the terminology "sustainable land management."

Here Australia and New Zealand are to be mentioned as both countries have agreed on sustainable land management with respect to climate change as part of their government programmes.



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In the European context the definition of the European Network for Land Use Management for Sustainable European Cities (LUMASEC) may be used as a reference.

It emphasizes the inter- and transdisciplinary cooperation on sustainable land management: "As management is the human activity meaning the action of people working together in the aim to accomplish desired goals, land use management is a process of managing use and development of land, in which spatial, sector-oriented and temporary aspects of urban policy are coordinated.

Resources of land are used for different purposes, which may produce conflicts and competitions, and land use management has to see those purposes in an integrated way.

Therefore, land management covers the debate about norms and visions driving the policy-making, sector-based planning both in the strategic and more operative time spans, spatial integration of sectoral issues, decision-making, budgeting, implementation of plans and decisions and the monitoring of results and evaluation of impacts."



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On  
 Sustainable Land and Watershed  
 Management  
 10th March, 2016

**Registration Form**

Name of the Participant :  
 Designation :  
 Qualification :  
 Experience (for employee):  
 Mobile No. :  
 Email ID :  
 Name & Address of the Organisation :  
 Registration Fee : Rs 300/-

Date:  
 Place: \_\_\_\_\_  
 Signature of the Participant

Participants are requested to mail the filled & duly signed application form to [eventscivilgnit@gmail.com](mailto:eventscivilgnit@gmail.com)  
 On or before: \_\_\_\_\_.

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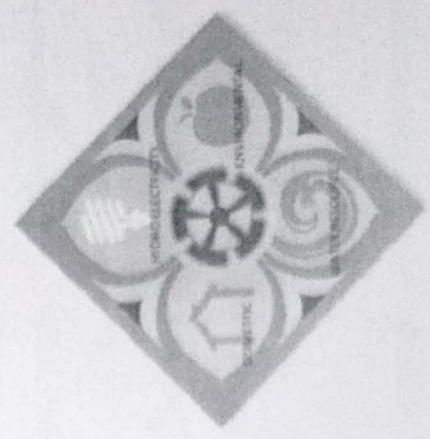
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Sustainable Land and Watershed  
 Management  
 10th March ,2016



Organized by  
 Department of Civil Engineering  
**Guru Nanak Institute of Technology**  
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#### ABOUT GNIT

Guru Nanak Institute of Technology (GNIT), Ibrahimpatnam was established in 1999, NBA Accredited, approved by AICTE, New Delhi, and Affiliated to Jawaharlal Nehru Technological University, Hyderabad. Guru Nanak Institute of Technology (GNIT) was established for imparting engineering education and for promoting technological research to produce technical manpower in various areas of engineering and technology.

Since its inception, the college is committed to the cause of technical upgradation. There is a great sense of belongingness to this institution among the faculty members and students. Presently GNIT is offering six courses in UG, B. Tech in Electronics and Communication Engineering, Computer Science and Engineering, Electrical & Electronics Engineering, Information Technology, Mechanical Engineering and Civil Engineering.

#### ABOUT THE DEPARTMENT

The department plays a vital role in grooming the students with basic knowledge in field of Civil Engineering. The department offers different specializations like Water Resource Engineering, Environmental Engineering, Geo-technical Engineering etc.

This department is strengthened by experienced professors in all subjects. The faculty is highly qualified and indulges in academic activities like writing text books and conducting conferences and publishing research papers. The department provides an outstanding Research environment.

Our vision is to ignite the inherent application skills of practical knowledge. In view of this, the department is devoted to the dissemination of knowledge from an interdisciplinary perspective and to empower the students.

#### ABOUT THE WORKSHOP

The use of Civil Engineering is considered to be the oldest engineering discipline. Civil engineers design, construct, supervise, operate, and maintain large construction projects and systems, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment. Many civil engineers work in design, construction, research, and education.

They are expected to find creative ways in which they can improve the infrastructure of their construction through the changes in climate, increased urbanization and drought.

All that an Engineer needs to know about is an interaction with the outside world and innovative techniques and interaction with the outside world.

This workshop is intended to improve the creative ideas of students in the Civil Engineering field. The Workshop is designed to act as an interface between classroom learning and behaving according to their needs in the society. Resource Persons will throw light on various methods to improve the practical skills of the students.

The Theme of this Workshop is to draw lessons from ongoing **SUSTAINABLE LAND AND WATERSHED MANAGEMENT** efforts of the citizens & to identify actionable and scalable solutions that can be transformed to comparable areas through involving stake holders at National and International levels as well as to elaborate an action oriented approach for future research strategies of relevance.

#### PROGRAM SCHEDULE

- 09:30-10:00 am - Registration
- 10:00-10:30 am - Inaugural session
- 10:30-12:15 pm - Plenary Session I
- Dr.P.Gopal Naik*
- Professor*
- Osmania university*
- 12:15-01:00 pm - Lunch Break
- 01:00-02:30 pm - Plenary Session-II
- Dr. Mohd. Rafeeq Ahmed*
- Scientist, T.S. Engineering Research*
- Laboratories*
- Himayatsagar, Hyderabad*
- 02:30-03:30 pm - Model presentation and Interaction
- 03:30-03:45 pm - Tea Break
- 03:45 -04:00 pm - Valedictory session

(Distribution of Participation Certificates)