



INTEGRATED CAMPUS

# NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

Approved by AICTE New Delhi. Affiliated to JNTU - Hyderabad. CAMPUS Chowdarguda (V), Kumerula X Road, Ghatkesar (M)  
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## School of Engineering

### Department of Civil Engineering

#### Guest Lecture on "Differential Global Positioning system"

Date: 18/08/2018

Head of Civil Engineering Department, NNRESGI had given a brief introduction of the industry delegates of Mr GVR Tagore, Project Manager, NAVAYUGA SPATIAL TECHNOLOGIES PVT LTD.

The speaker enlightened the importance of usage of total station and differential global positioning system in the current scenario. He addressed the III and IV year Civil Engineering students of NNRESGI.


Mr GVR Tagore, Project Manager has given a brief introduction about the company as well as job opportunities in the field Remote Sensing. He said that the basic knowledge on the Surveying along with GPS/DGPS is very much useful to meet the present requirements of the society. He also said that Navayuga spatial technology had given the Geospatial database for Delhi Govt. in 2012 and also for other state Govt's in our country.

Initially, photogrammetry is carried followed by the conversion of data into 3D and next various applications are adopted and final would be helpful for the agencies such as Military, Fire Department, Revenue Dept, Police Dept, etc. He also added that GPR Survey helps to find the metals, ceramic materials and can track the pipes in terms of depths and diameter.

Later, he discussed regarding the Differential Global Positioning System in which DGPS reveals the exact position of a point which can be found at an accuracy of 3m to 7m from the ground. He added that Control points can be established, assets survey can be done, used in photogrammetry application and 2D mapping using DGPS. He has shown an animation on the working of DGPS.

Mr Tagore accepted to invite the NNRESGI civil engineering students to work in the field for a week in near future.

At last HoD thanked the guest for his interaction on behalf of students and staff of civil engineering department.

  
HOD - CE 18/8/18

**Head of the Department  
Civil Engineering**

Nalla Narasimha Reddy Education Society's  
Group of Institutions - Integrated Campus  
Chowdarguda (V), Ghatkesar (M), R.R. Dist - 500 088





# NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

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## DEPARTMENT OF CIVIL ENGINEERING

### Guest Lecture on "Differential Global Positioning system"



Head of the department Dr G.S Rao addressing the III & IV Year students.



Mr GVR Tagore explain about the importance of DGPS



Students listening the impornance of DGPS which are given by GVR Tagore



Honouring the guest by Dr Mahesh Babu, Professor in civil engineering department