

### **THEME OF WORKSHOP:**

India's fast-growing urban centers present a unique opportunity to approach urban development differently. The need for thoughtful solutions that address quality of life issues within Indian cities is more important than ever. Smart Cities Challenge is a competition designed to inspire and support municipal officials as they develop smart proposals to improve residents' lives. The Smart Cities Mission aims to promote economic growth, improve governance, and produce better results for India's urban resident. Growing travel demand and congestion, rising accident rates, energy and environmental sustainability, rapid urbanization, global warming, and globalization of economies are issues that must be addressed to ensure safe and efficient access to goods and services for developing smart cities.

At the end of the course you will be able to independently build basic network models and perform common evaluations which will help in developing smart cities. Participants will be exposed to efficient traffic studies and its simulation techniques using the microscopic analysis through VISSIM and VISUM. Dynamic Assignment Module of VISSIM will also be explained during this course.

### **COURSE CONTENTS:**

Transport Mobility Planning for development of smart cities

#### **Topics to be covered:**

- ✚ Multimodal Integration for city through wide public transport network
- ✚ Transit Options for Large and Medium size cities
- ✚ Traffic Simulation & Parking analysis for smart cities
- ✚ Macroscopic network modeling through VISSIM
- ✚ Public transport modeling
- ✚ Basic Transit Network Modeling
- ✚ Modeling of traffic demand with vehicle inputs and turning flows

### **Who Should Attend?**

Participants are invited from Industry, Research organization & Academic Institutions.

### **BOARDING**

Working Lunch, Tea and Snacks are provided free of cost. No Registration fee for Academicians.

### **Registration Fee:**

Field Personnel & Industry Rs. 1,500/-

*All Payments should be made by crossed DD in Favor of 'Principal, VNR VJIET TEQIP – II, Payable at Hyderabad.*

### **Last Date for Registration**

**09<sup>th</sup> January, 2016**

### **ORGANIZING COMMITTEE**

**Convener**

**Dr. B.N.M. Rao**

**Professor & Head**

**Department of Civil Engineering,**

**Email: [civilhead@vnrvjiet.ac.in](mailto:civilhead@vnrvjiet.ac.in)**

**Phone No. 040 – 23042758/59/60 Ext 2100**

**Coordinator**

**Dr. A.Ramesh**

**Associate Professor**

**Address For Correspondence:**

**Department of Civil Engineering,**

**Email: [ramesh\\_a@vnrvjiet.in](mailto:ramesh_a@vnrvjiet.in)**

**Cell : 9849548714 , 040-23042758/59/60 Ext 1114**

### **REGISTRATION FORM**

### **3-DAY NATIONAL WORK SHOP ON**

### **“URBAN TRAFFIC AND TRANSPORTATION PLANNING PERSPECTIVE FOR SMART CITIES”**

**(UTTPPSC 2016)**

**(20<sup>th</sup> – 22<sup>nd</sup> January 2016)**

Name : \_\_\_\_\_

Organization/Institute: \_\_\_\_\_

Designation: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Ph/Cell No.: \_\_\_\_\_

E-mail: \_\_\_\_\_

### **Payment of Registration Fee:**

(For Industry Personal)

Amount : \_\_\_\_\_

DD No. : \_\_\_\_\_

Bank : \_\_\_\_\_

Place:

Date :

Signature of Participant

**Forwarding Authority Signature with Seal**

## LOCATION

VNRVJIET is located near Bachupally village, R.R. Dist. about 8 km from Miyapur junction along the inner Ring Road (about 1 km from Reddy Labs). From, JNT University, Kukatpally it is about 6 km via HMT Hills and Pragathi Nagar.

## ABOUT VNR VJIET :

“Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology” an Autonomous institute sponsored by ‘Vignana Jyothi’ Educational Society, founded by a group of industrialists, businessmen and professionals for promoting professional education, was started in the academic year 1995-1996 with the approval of AICTE and Govt. of Telangana. The institute is running with a missionary zeal to develop the Institute as ‘Centre of Excellence’ and to train human resources to international standards in the area of Engineering & Technology. All the Courses offered by the Institute are accredited by AICTE - NBA. The institute is accredited by NAAC (A)

## ABOUT THE DEPARTMENT:

The Department of Civil Engineering was started in the year 2001 with an intake of 60 and the intake is 120 at present. The Dept. runs three PG courses in Structural Engineering, Geo – Technical Engineering and Highway Engineering. The Department has received sponsored projects from AICTE & UGC of worth Rs. 50.00lakhs for the last three years under various schemes as RPS, MODROBS, SDP, UGC Minor Projects etc., The department has all infrastructural facilities required for imparting high quality education and is structured to meet the present day needs of the society. The department is equipped with excellent laboratories provided with state-of-art equipments and experimental facilities. The department has well qualified and experienced faculty ably supported by highly skilled and competent technicians to undertake testing and Consultancy works.

## Resource Persons

Experts from IIT, NIT & Faculty of Civil Engineering Dept. of VNR VJIET



## 3- DAY NATIONAL WORKSHOP

ON

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*Sponsored by*  
**TEQIP – II**

(Technical Education Quality Improvement Programme - II)



## ORGANIZED BY

**Department of Civil Engineering**  
VNR Vignana Jyothi Institute of Engg& Tech  
Bachupally, (S.O.) Nizampet, Hyderabad-500 090  
Tel: 040-23042758/59/60, Fax: 040-23042761  
E-mail: [civilhead@vnrvjiet.ac.in](mailto:civilhead@vnrvjiet.ac.in)