

**Registration Form**  
For  
**AICTE SPONSORED**  
**ONE WEEK NATIONAL WORKSHOP**  
ON  
**TRAFFIC AND**  
**TRANSPORTATION PLANNING**  
**FOR SMART CITIES**  
**20 – 25 November, 2017**

1. Name :
2. Designation :
3. Mailing Address :
  
- Mobile No. :
- E mail :
  
4. Educational Qualifications :
  
5. Experience :
  
6. Motivation for attending the course:
  
7. Name of the College/University:
  
8. Accommodation required: Yes / No
  
9. Signature and Date:

**Signature of the Head of the Institute /**  
**Sponsoring Authority**  
**(With Date and Seal)**

**About VNRVJIET:**

“Vallurupalli Nageswara Rao (VNR) Vignana Jyothi Institute of Engineering and Technology” sponsored by ‘Vignana Jyothi’, an educational Society founded by a group of industrialists and professionals for promoting professional education, started functioning from the academic year 1995-96 with the approval of AICTE and Govt. of A.P. The institute is running with a missionary zeal to develop as ‘Centre of Excellence’ and to train human resources to international standards in the areas of Engineering & Technology. All the Courses offered by the Institute are accredited by AICTE - NBA. UGC Autonomous status was conferred on VNRVJIET. The institute is accredited by NAAC with ‘A’ grade and is recognized as “College with Potential for Excellence” by UGC Being one of the most preferred colleges in Telangana State, VNRVJIET is well known for its discipline, infrastructure, research activities etc.

The VNRVJIET is located at Pragathi Nagar, Nizampet village, about 8 km from Miyapur junction. And from JNTU H, Kukatpally it is about 6 km via HMT Hills and Pragathi Nagar

**Correspondence:**

Dr. A. Ramesh  
Associate Professor,  
Department of Civil Engg., VNRVJIET,  
Bachupally, Nizampet (S.O.),  
Hyderabad - 500 090.  
E-mail : [ttpsc2017@gmail.com](mailto:ttpsc2017@gmail.com)  
Cell : 098495487143  
Phone : 040 – 23042758 / 59 / 60



**AICTE SPONSORED**  
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**(TTPSC 2017)**  
**20 – 25 November, 2017**



**Coordinator**  
**Dr. A Ramesh,**  
**Associate Professor**

**Organized by**

**Department of Civil Engineering**  
**VNR Vignana Jyothi Institute of**  
**Engineering & Technology,**  
**Bachupally, Nizampet,**  
**Hyderabad – 500 090.**  
**Telangana State**  
**Website: [www.vnrvjiet.ac.in](http://www.vnrvjiet.ac.in)**

### **About the Department :**

The Department of Civil Engineering was started in the year 2001 with an intake of 60. The intake was increased to 120 in the year 2009. The department also offers PG programs in Structural Engineering, Highway Engineering and Geo-Technical Engineering with an intake of 18 each. 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 with state-of-art equipments and experimental facilities. The department has well qualified and experienced faculty (9 Ph.D.'s in various specializations of Civil Engineering) with an average teaching experience of 8 years.

CED Faculty of VNRVJIET published 120 papers in various International / National Journals and conferences in the last 5 years. Department has MOUs with Industry and also undertakes consultancy to promote Industry Institute Interaction. The dept. is having approval from GHMC to take up various consultancy works. An amount of Rs. 70 Lakhs has been sanctioned under different schemes namely RPS, MODROBS and FDP by AICTE & UGC New Delhi. The Department is actively involved in organizing seminars / conferences / workshops for professional interaction to keep abreast of the latest developments in the field of Civil Engineering. This department is accredited by NBA for 5 years and is the only institute in Telangana State.

### **About the WORKSHOP :**

Our country is presently going through infrastructure development phase in all sectors of transportation. Transportation sector has undergone a major transformation to meet the needs of commuters. Traffic simulation and mathematical modeling are the best of tools used for effective planning, designing and operation of transportation systems. In the context of growing concern for environmental impacts of transportation, cutting down the need to travel becomes implicit to sustainable transportation planning and the land use transportation interactions. Hence, this comprehensive Workshop on TTPSC 2017 with detailed presentation of the theory and practice is designed. These tools will be of great help to the academicians, research scholars and practicing engineers to identify current technical gaps as well as immediate research needs.

### **Course Topics :**

#### **Traffic systems – Simulations:**

- a) Vehicle arrival pattern - models
- b) Driver behaviour
- c) Lane-changing movement behaviour of drivers;
- d) Gap-acceptance behaviour
- e) Pedestrian movement behaviours
- f) Developing a traffic simulation framework.

**VISSIM:** Simulation of traffic flow at un-signalized and signalized intersections

### **Mx- ROAD:**

- a) Analyzing the ground model
- b) Designing of horizontal alignment
- c) Designing of vertical alignment

### **Resource Persons :**

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

### **Important Dates :**

Last date for receiving applications: 04/11/2017  
Date of intimation to the selected participants  
08/11/2017

### **Important Details :**

- a) Only permanent full time faculty of AICTE recognized engineering colleges are eligible to apply. No. of participants is restricted to 25.
- b) Cancellation after registration is highly discouraged and application will be given low preference during selection for future courses.
- c) Non-AC accommodation will be provided on a shared basis during the workshop period.

### **Convener**

**Dr. A. Mallika  
Prof. & Head of CED**

### **Coordinator**

**Dr. A Ramesh  
Associate Professor, CED.**