

Divya Jangam

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Professional Snapshot:

- 12 years Teaching Civil Engineering students at both Undergraduate and Postgraduate level .

Work Experience

- **Civil Engineering Department , J.N.T.U .H University College of Engineering, Hyderabad.**

Duration: September 2014 – To Date

Designation: Assistant Professor(c)

Role :

- Teaching UG & PG students
- Evaluating & Grading University Examinations
- Assist department in conducting Conferences and Workshops
- Mentoring students
- Guiding students with projects

Subjects Taught:

Transportation Engineering , Building Materials Construction & Planning , Surveying , Intelligent Transportation Systems , Concrete Technology , Environmental Impact Assessment, Traffic Analysis , Pavement Analysis & Design ,Road Safety Engineering , Remote Sensing & GIS.

- **Muffakam Jah College of Engineering, Hyderabad.**

Duration: October 2008 – November 2011 (3 years)

Designation: Assistant Professor

- **Role:**
Editor for Civil Engg Dept. newsletter.
- Faculty In charge for conducting college technical fests.
- In charge for Transportation Engg lab.
- Student counsellor for 1st year students.

Subjects Taught:

Transportation Engineering, Advanced Transportation Engineering, Engineering Graphics, Engineering Mechanics, Environmental Sciences, Building Planning and Design, Building materials, Construction management.

- **Centre for Transportation Engg, J.N.T.U Engineering College, Hyderabad.**

Duration: Dec 2007 – September 2008

Designation: Research Assistant.

Role and Area of Research: Traffic Analysis, Urban Area development, Pedestrian facilities design and application, Pavement analysis and design, GIS based analysis of Transportation planning and Traffic Management.

Education

- M.Tech - Transportation Engineering – JNTUCEH Nov 2007 – Gpa 8.5
- B.Tech – Civil Engineering – JNTUCEH May 2005 – Gpa 6.3

Projects

- **M.Tech Thesis:**

Title: Relational Analysis, Operational Performance and Guidelines for Road Networks in Transitional Urban Fabric

Description: The thesis attempts to rank 8 municipalities of the Greater Hyderabad region based on the operational performance of the road networks with respect to Geometric & Traffic characteristics. The analysis of the work was done using ArcGIS 9.1, Relational analysis & Multi criteria evaluation techniques.

- **M.Tech Mini project:**

Title: Integrated Transportation Planning & Traffic Management for Alwal & Malkajgiri Municipalities in Hyderabad.

Description: The analysis included O-D matrix generation, static analysis, Travel Demand Analysis, Link Prioritization, Future Travel Demand Analysis and a safety audit report that was done using ARC GIS 9.1. The data for the work was collected from traffic surveys & using GPS instrument.

- **B.Tech project:**

Title: Analysis and Design of pavement based on volume studies

Description: The project involved the design of Rigid and Flexible pavements for the volume studies done at Hafeezpet, Hyderabad.

Declaration

I hereby declare that all the above information provided by me is correct and best of my knowledge.

Divya Jangam
Hyderabad