

ATMAKURI PRIYANKA

3-2-109, Sri Hari Nilayam,

Near GMRIT College, Backside of Nagavali ITI College, Rajam- 532127, Andhra Pradesh.

Mobile: +91-8984634624, +91-8985021263

Email: priyanka.atmakuri@gmail.com

Career objective:

To be a responsible citizen as a human being and looking forward to work in a reputed organization where I can offer my best for its development.

Academic Record:

| Course | School/College | University/Board | Year | Percentage of marks/CGPA |
|--|---|---|--------------|--------------------------|
| Ph. D. (Transportation Engineering) | IIT Madras | IIT Madras | 2015-present | 9.50 |
| M. Tech (Transportation Engineering) | NIT Rourkela | NIT Rourkela | 2013-2015 | 9.79 |
| B. Tech (Civil Engineering) | G.M.R Institute of Technology, Rajam | JNTU, Kakinada | 2009- 2013 | 82.21% |
| Intermediate | Sri Chaitanya Junior College, Visakhapatnam | State Board of Intermediate Education, A.P. | 2007-2009 | 95.8% |
| S.S.C | Navodaya Model School, Palakonda | State Board of Secondary Education, A.P. | 2006-2007 | 93.5% |

Technical Skills:

- **Programming Languages** : Basics of C
- **Design and analysis software** : STAAD, AUTOCAD, MATLAB, SPSS, R

Projects Undertaken:

B. Tech

- ❖ Mini Project – “Construction of a Gated Community”
- ❖ Main Project – “Remedies for identified minor cracks in structures of GMRIT Campus”

M. Tech

- ❖ “Qualitative Level of service analysis of Urban Streets in Indian Context”
Perception data has been collected considering various quality of service factors from different cities and LOS thresholds has been determined using soft computing techniques.

Ph. D.

- ❖ “Characterization of driving behaviour under mixed traffic conditions through instrumented vehicles”
Analyzing the driving behaviour characteristics under mixed traffic conditions. Identifying and quantifying the risk propensity parameters. Classification of drivers' driving style based on clustering techniques and modeling the driving behaviour based on regression technique.

Curricular Conference and Journal Publications:

- Jena, S., Priyanka, A., Beura, S. K. and Bhuyan, P. K. (2016). “Application of Fuzzy Inference System to Estimate Perceived LOS Criteria of Urban Road Segments” *In: Proceedings of 2nd International Conference on Intelligent Computing and Applications, Advances in Intelligent Systems and Computing, Springer, Vol. 467, pp. 639-651.*
- Jena, S., Atmakuri, P. and Bhuyan, P. K. (2016). “Evaluating Service Criteria of Urban Streets in Developing Countries based on Road Users’ Perception” *Proceedings of 12th Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), IIT Bombay, Mumbai, India.*
- Rao, S., Krishna, Y., Priyanka, A. and Bhuyan, P. K. (2016). “Calibration of Performance of Roundabouts based on Gap Acceptance Parameters using Simulation for Indian Scenario” *Proceedings of 12th Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), IIT Bombay, Mumbai, India.*
- Anusree, A. P., Atmakuri, P., Anne, V., Asaithambi, G., Srinivasan, K. K., Sivanandan, R. and Chilukuri, B. R. (2017) “Calibration of Vehicle Following Model Parameters Using Mixed Traffic Trajectory Data,” *4th Conference of Transportation Research Group of India (CTRG), Mumbai, India.*
- Jena, S., Atmakuri, P. and Bhuyan, P. K. (2018). “Evaluating Service Criteria of Urban Streets in Developing Countries Based on Road Users’ Perception” *Transportation in Developing Economies, Vol. 4 (2).*
- Anand, P. A., Atmakuri, P., Anne, V., Asaithambi, G., Srinivasan, K. K., Sivanandan, R. and Chilukuri, B. R. (2019) “Calibration of Vehicle Following Model Parameters Using Mixed Traffic Trajectory Data,” *Transportation in Developing Economies, Vol. 4 (2).*
- Atmakuri, P., Sivanandan, R., Srinivasan, K. K., Rajesh, K. R., and Vishnu, S. (2020) “Characterizing driving behaviour under mixed traffic conditions using instrumented vehicles,” *8th Conference of Putrajaya International Built Environment, Technology and Engineering Conference (PIBEC 8), Malaysia.*

- Atmakuri, P., Sivanandan, R., Srinivasan, K. K., Rajesh, K. R., and Vishnu, S. (2020) “Characterizing driving behaviour under mixed traffic conditions using instrumented vehicles,” *Journal of Built Environment, Technology and Engineering* (submitted).

Extracurricular Activities:

- Member of Indian Society for Technical Education (I.S.T.E) student’s chapter, Dept. of civil engineering.
- Member of Institute Of Engineers (I.E) Dept. Of Civil engineering.

Achievements/Rewards:

- Awarded district wise 2nd in dance competition held in GMRIT college.
- Best paper award for the paper presented in 4th Conference of Transportation Research Group of India (CTRG), Mumbai, India.
- Best paper award for the paper presented in 8th Conference of Putrajaya International Built Environment, Technology and Engineering Conference (PIBEC 8), Malaysia.

Personal Details:

| | |
|------------------------|------------------------------|
| Date of birth | : 28-07-1992 |
| Gender | : Female |
| Nationality | : Indian |
| Father’s Name | : A. Haranadh |
| Occupation | : Conductor (A.P.S.R.T.C) |
| Mother’s Name | : A. Vijaya Lakshmi |
| Occupation | : Homemaker |
| Languages Known | : English, Telugu, and Hindi |
| Hobbies | : Dancing, swimming |

Declaration:

I hereby solely declare that the particulars of information and facts stated herein above are true and correct to the best of my knowledge and belief.

Place: IIT Madras

A. Priyanka