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**Mrs. M. Lalitha Pallavi**

Assistant Professor, Department of Civil Engineering,  
Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru, Krishna District, India  
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**Professional Objective**

To pursue a challenging and growth-oriented academic career where I can effectively contribute my knowledge and technical expertise in Civil and Transportation Engineering and actively engaging in curriculum development and student mentorship and institutional growth.

**Academic Qualifications**

Degree	Specialization	Institution	Performance
Ph.D	Civil Engineering	Andhra University	Pursuing
M.Tech	Transportation Engineering	Nalanda Institute of Engineering & Technology, Palnadu	73%
B.E	Civil Engineering	SRKR Engineering College, Bhimavaram	69%
Intermediate	MPC (Maths, Physics, Chemistry)	PRSMN Junior College, Vuyyuru	83%
S.S.C	SSC	ANM English Medium School, Pamarru	82%

**Academic and Teaching Experience**

**Assistant Professor**

Seshadri Rao Gudlavalleru Engineering College

**Duration:** June 2021 – Present

- Engaged in undergraduate course delivery and curriculum development.
- Mentored student projects in transportation and pavement engineering.
- Coordinated academic activities and assessments.

**Lecturer**

Dhanekula Institute of Engineering and Technology, Ganguru

**Duration:** November 2019 – June 2021

- Delivered lectures in core civil engineering subjects.
- Coordinated academic activities.

**Research Publications**

1. Optimizing the bituminous pavement constructions with waste plastic materials improved the road constructions performance and their future application  
Published: 30 September 2024, Volume 3, article number 16, (2024)
2. Experimental Study on Usage of Coconut Shell and Coconut Fibre in Flexible Pavements, **Journal:** JETIR, Vol. 11, Issue 4, April 2024, **Paper ID:** JETIR2404B72  
[View Publication](#)
3. Study on Strength Properties of Concrete with Partial Replacement of Cement by Marble Powder for Usage in Rigid Pavement, **Journal:** IJCRT, Vol. 11, Issue 5, May 2023
4. Applications of Plastic Waste Materials in Bituminous Mixes Pavement for Increasing the Strength of Pavement Materials, 2022
5. A Study on Railway Road Under Bridge Construction and Its Course of Action Using Box Pushing Technique  
**Journal:** IJAEMA, **DOI:** 18.0002.IJAEMA.2021.V13I3.200001.0156859021618

### Research Interests

- Transportation Engineering
- Pavement Materials and Design
- Use of Sustainable and Recycled Materials in pavements.

### Technical Proficiency

- **Software:** AutoCAD, MS Office
- **Programming:** C, C++
- **Strengths:** Quantitative Aptitude, Logical Reasoning,

### Academic Projects

#### M.Tech Major Project

- A Railway Road Under Bridge Construction Using Box Pushing Technique

#### B.E Projects

- *Mini Project:* Case Studies on Bridges and Railway Tracks
- *Major Project:* Design and Analysis of Water Tanks

### Faculty Development Programmes Attended

- FDP on "AI & ML in Civil Engineering", Sri Ranganathar Institute of Engineering & Technology, May 2025.
- FDP on "Potential Research Trends in Civil Engineering Domains", Lakireddy Bali Reddy College of Engineering, March 2025.

- FDP on "Disaster Risk Reduction through Sustainable Infrastructure", Ramachandra College of Engineering, December 2024.
- FDP on “Sustainable Construction Practices”, Koneru Lakshmaiah Education Foundation (Deemed to be University), August 2024.
- FDP on "AI & ML Applications in Civil Engineering", Lakireddy Bali Reddy College of Engineering, June–July 2024
- FDP on "Generative AI", Seshadri Rao Gudlavalleru Engineering College, June 2024
- FDP on "Building Resilient Infrastructure", VVIT, June 2024
- FDP on "Civil Engineering Practices for Better Environment", P.R.Patil College of Engineering & Management, June 2024.
- FDP on “2<sup>nd</sup> Series of Geotechnical Engineering Practices and its Sustainable Development-2024”, Ballari Institute of Technology & Management, June 2024.
- FDP on "Geospatial Technology", Sri Vishnu Engineering College for Women, May 2024
- FDP on “Innovative Technologies for Sustainable Environment”, GMR Institute of Technology, December 2023.
- FDP on "Technological Advancements in Civil Engineering", Mangalam College of Engineering, June 2023
- FDP on "Applications of AI and ML in Civil Engineering", SRGEC, February 2023
- FDP on "Recent Trends in Civil Engineering", JB Institute of Engineering & Technology, February 2023.
- FDP on “Emerging Trends and Practices in Civil Engineering”, Aditya Institute of Technology and Management, November 2022.
- FDP on “Insights of NEP 2020 and Strategies for its implementation”, Seshadri Rao Gudlavalleru Engineering College, June 2022.
- FDP on "State-of-the-Art Modeling Techniques in Civil Engineering", Vardhaman College of Engineering, September 2021

### **Certifications and Achievements**

- **23rd Rank in APRCET 2023–2024**
- **Elite Silver Certification** in Introduction to IoT from NPTEL SWAYAM (Score: 76%)
- **Elite Silver Certification** in Introduction to IoT from NPTEL SWAYAM (Score: 84%)
- **Elite Certification** in Traffic Engineering from NPTEL SWAYAM (Score: 72%)

**Personal Information**

- **Date of Birth:** 03 September 1988
- **Gender:** Female
- **Marital Status:** Married
- **Spouse:** Mr. P. Rajasekhar
- **Nationality:** Indian
- **Languages Known:** English, Telugu

**Date:** 24 July 2025

**Place:** Gudlavalleru

**(Mrs. M. Lalitha Pallavi)**