

WORKSHOP REPORT

CIVIL ENGINEERING WITH

PURPOSE:

SHAPING LIVES & LAND THROUGH

MGNREGA



DEPARTMENT OF CIVIL ENGINEERING

KONERU LAKSHMAIAH EDUCATION FOUNDATION

Guntur-522 502

September - 2025

1. INTRODUCTION

The Department of Civil Engineering, Koneru Lakshmaiah (KL) University, organized a workshop titled “Civil Engineering with Purpose: Shaping Lives & Land through MGNREGA” to enhance students’ understanding of the role of civil engineers in rural development and sustainable infrastructure creation through government initiatives. The workshop provided valuable insights into how the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) contributes to improving rural livelihoods and land productivity through civil engineering interventions.

2. OBJECTIVE OF THE WORKSHOP

- To understand the contribution of civil engineering in rural development projects under MGNREGA.
- To gain awareness of the planning, execution, and monitoring of works related to land and water resources.
- To explore how engineers can create sustainable and socially beneficial infrastructure.
- To motivate students to apply engineering skills toward nation-building and community welfare.

3. DATE AND VENUE

Date: 15th September 2025

Time: 9:30 A.M. to 1:00 P.M.

Venue: Jasmine Hall, KL University, Vaddeswaram

4. RESOURCE PERSON

Mr. P. Santha Rao

Vigilance Officer, Commissioner Panchayat & Rural Development (PR&RD),

Tadepalli, Government of Andhra Pradesh

Mr. Rao shared his expertise and field experiences related to implementing MGNREGA projects, emphasizing the crucial role of civil engineers in designing and managing rural infrastructure works such as check dams, farm ponds, water harvesting structures, and soil conservation measures.

5. EVENT COORDINATOR

Dr. Y. Himath Kumar

Assistant Professor, Department of Civil Engineering, KL University

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Email: himathkumar007@kluniversity.in

6. WORKSHOP OVERVIEW

The session began with a welcome address by the faculty coordinator, followed by an introduction to the guest speaker.

Mr. P. Santha Rao delivered an engaging lecture covering the following key aspects:

- Overview of MGNREGA and its objectives.
- The importance of engineering inputs in project planning and quality control.
- Techniques for land development, water conservation, and infrastructure creation.
- Real-world examples of successful MGNREGA projects in Andhra Pradesh.
- Career opportunities for civil engineers in public welfare schemes.

An interactive Q&A session was held, where students clarified their doubts regarding fieldwork, design standards, and project sustainability.

7. LEARNING OUTCOMES

- Gained knowledge about the implementation and technical aspects of MGNREGA works.
- Understood how civil engineers can contribute to social and economic development.
- Learned about the role of quality assurance, documentation, and community participation in rural engineering projects.
- Inspired to adopt sustainable and inclusive approaches in future civil engineering practices.

8. CONCLUSION

The workshop proved to be highly informative and motivating for civil engineering students. It highlighted the significant role of engineers in shaping rural infrastructure and improving the quality of life through effective use of engineering knowledge and government schemes. The session broadened students' perspectives on "Engineering for Society" and encouraged them to contribute meaningfully to sustainable development.

9. ACKNOWLEDGEMENT

We express our sincere gratitude to Mr. P. Santha Rao for his valuable insights and time. We also thank Dr. Y. Himath Kumar, the Department of Civil Engineering, and KL University management for organizing this educational workshop. Special appreciation is extended to the students and faculty members for their active participation and support in making the event a success.

The poster features the KL University logo and the Department of Civil Engineering logo. It includes accreditation logos for 45 years of educational excellence and NIF 2024 ranking 26. The title 'CIVIL ENGINEERING WITH PURPOSE: SHAPING LIVES & LAND THROUGH MGNREGA' is prominently displayed, along with the date '15th September 2025', time '9.30 Am to 01:00 P.m.', and location 'Jasmine Hall'. It also lists the 'Event Coordinator' as Dr. Y. Himath Kumar and the 'Guest Speaker' as Mr. P. Santha Rao. Logos for CEA and ICI are included, along with a QR code. The background features a stylized image of a construction site.

WORKSHOP ON

**CIVIL ENGINEERING WITH PURPOSE:
SHAPING LIVES & LAND THROUGH MGNREGA**

15th September 2025 | 9.30 Am to 01:00 P.m. | Jasmine Hall

Event Coordinator
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MR. P. SANTHA RAO,
VIGILANCE OFFICER,
COMMISSIONER PANCHAYAT &
RURAL DEVELOPMENT (PR&D),
TADEPALLI, GOVT OF ANDRA PRADESH

Organised by Department of Civil Engineering

CEA

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4

