CIST
CENTRE FOR INNOVATION & SOCIAL TRANSFORMATION

KG REDDY
College of Engineering & Technology
AN AUTONOMOUS INSTITUTION

Report

On

Rural Internship

From 22nd-07 - 2025 to 29th-07-2025

Organized by

Centre for Innovation and Social Transformation (CIST)

In association with

Pallesrujana

Submitted by

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REPORT ON RURAL INTERNSHIP PROGRAM

Program Title: Rural Internship Program – Technical, Non-Technical & Rural Innovation
Duration: 1 Week (Orientation & Allocation)
Streams Offered:

1. Technical Internship – Coding for All Foundation
2. Rural Internship – Palle Srujana
3. Non-Technical Internship – Community Service Projects

1. OBJECTIVES

The First-Year Internship Program was designed with the following objectives:

1. To expose first-year engineering students to **real-world learning environments** at the beginning of their academic journey.
2. To provide early orientation towards **innovation, community engagement, and professional skills.**
3. To create awareness about **technical careers, social responsibility, and grassroots innovation.**
4. To enable students to identify their **interests, strengths, and societal responsibilities.**
5. To promote the vision of IIC by nurturing **problem solvers, innovators, and socially responsible engineers.**
6. To bridge the gap between **theory and real-life application** through experiential learning.

2. OUTCOMES

After completion and onboarding into the internship streams, students were able to:

1. Understand the **importance of internships** in shaping career paths and personal development.
2. Identify their interest areas among **technology, community service, and rural innovation.**
3. Gain exposure to **industry practices, grassroots ecosystems, and social projects.**
4. Develop clarity on **how engineering knowledge can be used for societal impact.**
5. Build early skills in **communication, observation, teamwork, and responsibility.**
6. Get motivated towards **innovation, entrepreneurship, and service-based careers.**
7. Align themselves with **IIC's mission of innovation, startups, and social impact.**

3. PROGRAM OVERVIEW

The **First-Year Internship Program** initiated by CIST in association with Pallesrujana was a structured effort to introduce students to the broader dimensions of engineering beyond classrooms. Instead of limiting exposure only to technical labs, the program strategically offered **three distinct internship streams**, allowing students to select paths aligned with their interests and aspirations.

The internship registration was facilitated through a structured student onboarding process where students shared their background, motivations, and goals. This ensured purposeful allocation into suitable domains.

This initiative reflects IIC's commitment to developing **innovation-driven, socially conscious, and industry-ready engineers** from the very first year.

4. INTERNSHIP STREAMS & IMPLEMENTATION

A. Technical Internship – Coding for All Foundation

This stream was designed to introduce students to **industry-relevant technical exposure.**

Key features:

- 16-week structured internship
- One working day per week
- Focus on coding fundamentals, problem solving, and applied technologies
- Small stipend support
- Certification after qualifying assessment

Students entering this stream were oriented toward:

- Logical thinking and computational skills
- Professional discipline and project-based learning
- Technology as a tool for solving societal problems

This technical stream aligns strongly with IIC's goal of promoting **innovation, product development, and startup readiness.**

B. Rural Internship – Palle Srujana

The Rural Internship stream was conducted in collaboration with **Palle Srujana**, a nationally respected organization working in the area of **grassroots innovations and rural livelihoods.**

This stream focused on:

- Understanding rural ecosystems
- Exposure to traditional knowledge systems
- Interaction with grassroots innovators and artisans
- Documentation of rural problems and solutions
- Observation of sustainable and frugal innovations

Students learned:

- The value of **ground-level problem identification**
- How innovation is not limited to laboratories
- The importance of empathy, sustainability, and inclusive development

This internship directly supports IIC's vision of **grassroots innovation, social entrepreneurship, and sustainable development.**

C. Non-Technical Internship – Community Service Projects

This stream focused on **community engagement and social responsibility.**

Activities included:

- Community service projects in Government schools
- Awareness programs in villages
- Support work with NGOs
- Educational, environmental, and social initiatives

Students were exposed to:

- Leadership and teamwork
- Communication with diverse communities
- Planning and executing service-based projects
- Understanding societal challenges at the grassroots level

This stream aimed to build **ethics, empathy, and civic responsibility**, which are core components of innovation-led education.

5. ROLE OF CIST

The Centre for Innovation and Social Transformation (CIST), under the guidance of the Head – CIST and in association with Pallesrujana, played a key role in:

- Designing the internship framework
- Partner coordination
- Student orientation and registration
- Domain allocation and mentorship planning
- Aligning the program with IIC objectives and SDGs

The Institution's Innovation Council (IIC) framework strengthened the program by embedding:

- Innovation mindset
- Startup orientation
- Community problem solving
- Experiential learning models

6. STUDENT IMPACT

The internship program created a strong early impact among first-year students by:

- Breaking the fear and confusion of engineering education
- Introducing them to **real-world applications from day one**
- Encouraging responsible thinking beyond marks and exams
- Motivating students to participate in **innovation, research, social work, and startups**
- Creating a pipeline of students ready for **future IIC, CIST, and startup initiatives**

Students expressed increased interest in:

- Innovation challenges
- Rural development projects
- Coding and product development
- Community-based entrepreneurship

7. ALIGNMENT WITH CIST OBJECTIVES

This program strongly aligns with IIC's mission to:

- Promote innovation and startup culture
- Develop problem-solving engineers
- Encourage industry and community partnerships
- Support experiential and project-based learning
- Build early innovation ecosystems within the institution

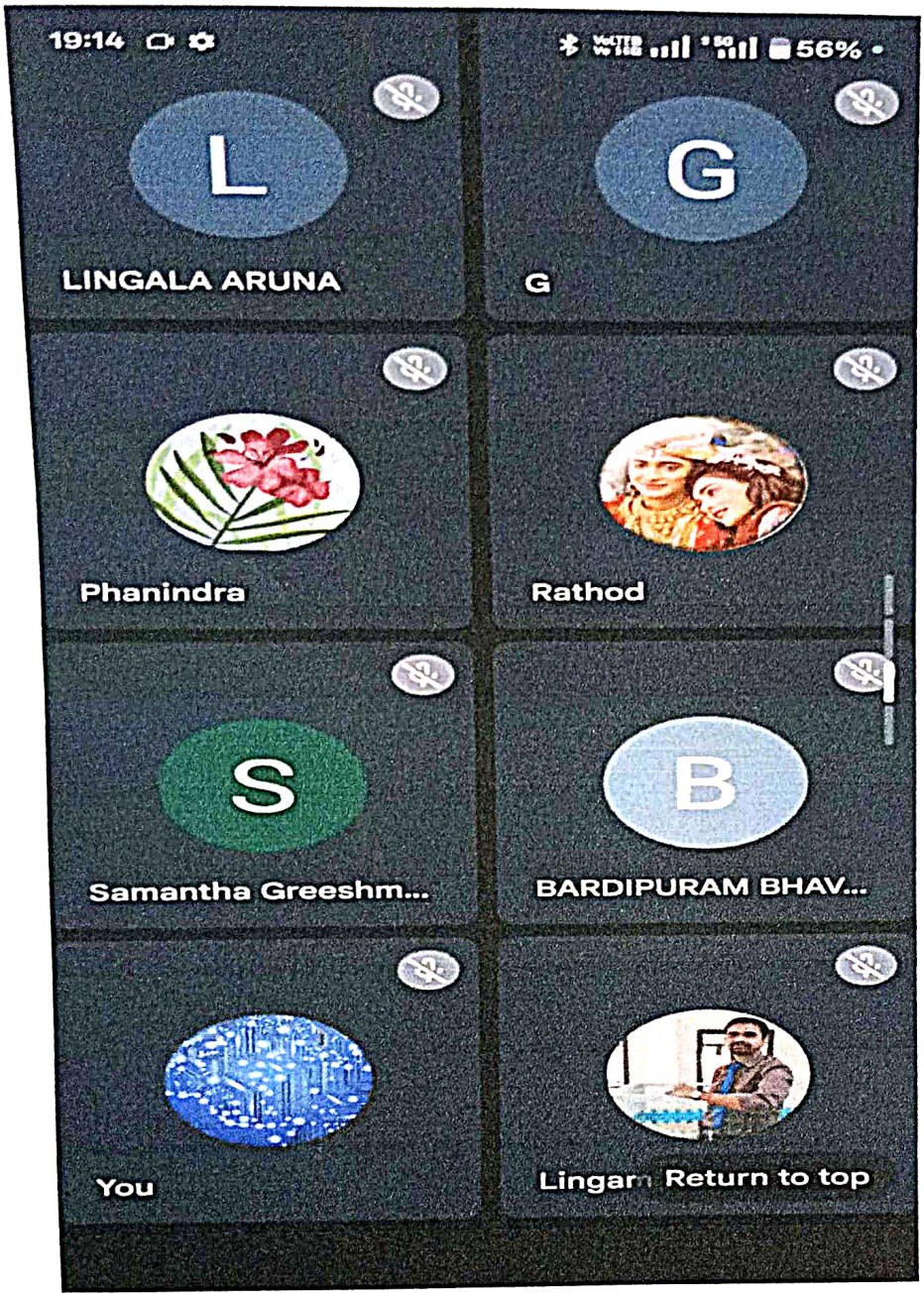
The multi-stream internship model ensures inclusivity by supporting **technical excellence, social innovation, and rural entrepreneurship simultaneously.**

8. CONCLUSION

The First-Year Internship Program stands as a flagship early-intervention initiative by CIST and IIC at KGRCET. By introducing students to technical, rural, and community-based internships at the start of their academic life, the institution has laid a strong foundation for producing **innovative, ethical, and socially responsible engineers.**

This initiative not only fulfills IIC mandates but also strengthens the long-term vision of KGRCET to emerge as a hub for **innovation, social transformation, and startup development**

Photographs:



Expenditure:

Registration Fee	**: 100**
Transportation	**: NIL**
Guest Honororium	**:4500**
Total	**: 5000**