

REPORT ON EXPERT SESSIONS ON “IDENTIFYING PROBLEMS, DESIGNING SOLUTIONS”

Organized by: SSIP Cell, Government Polytechnic, Dahod

Date: 24/09/2026

Time: 2:00 PM

Venue: Government Polytechnic, Dahod

1. Introduction

The SSIP Cell, Government Polytechnic, Dahod, organized expert sessions on **Problem Identification, Solution Designing, and Intellectual Property Rights (IPR)** on **24/09/2026 at 2:00 PM**. The sessions were conducted with the objective of creating awareness among students about identifying real-world problems, developing innovative and feasible solutions, and protecting their innovative ideas through appropriate Intellectual Property mechanisms.

2. Expert Sessions

Two experts were invited to share their knowledge and practical experience with the students:

1. Dr. N. B. Umravia

Assistant Professor, Department of Applied Mechanics, GEC, Dahod

Dr. N. B. Umravia delivered an insightful expert session on **“Identifying Problems, Designing Solutions.”** He guided the students on the importance of identifying genuine real-world problems and understanding the needs of society before developing solutions. The session focused on generating innovative ideas, developing possible solutions, and designing effective and feasible solutions. His practical insights and interaction with the students helped them understand the importance of a systematic approach to innovation and problem-solving.

2. Ms. Ruchi Solanki

IP Officer, IP Lab, Dahod

Ms. Ruchi Solanki conducted an informative session on **Intellectual Property (IP) Rights**, with particular emphasis on the protection of innovative ideas and creations. She explained the basic concepts related to **Patents and Trademarks**, patentability, documentation of innovations, and the importance of protecting intellectual creations. The session helped students understand how their innovative ideas can be converted into **protectable and potentially commercializable outcomes**.

3. Objectives of the Sessions

The major objectives of the expert sessions were:

- To develop problem-identification skills among students.
- To encourage students to identify real-world and socially relevant problems.
- To promote innovative and creative thinking.

- To familiarize students with the process of designing practical and feasible solutions.
- To create awareness about Intellectual Property Rights.
- To introduce students to patents, trademarks, and other mechanisms for protecting innovations.
- To encourage students to document and protect their innovative ideas.
- To create awareness about the potential commercialization of student innovations.

4. Outcome of the Sessions

The expert sessions provided students with valuable knowledge and practical insights into the complete innovation process, beginning with **identification of problems and designing solutions**, followed by **protection of innovative ideas through Intellectual Property Rights**. The interaction with the experts encouraged students to think creatively and systematically and motivated them to develop innovative solutions for real-world problems while being aware of the importance of protecting their intellectual creations.

5. Conclusion

The expert sessions organized by the SSIP Cell were informative, interactive, and beneficial for the students. The guidance provided by **Dr. N. B. Umravia** and **Ms. Ruchi Solanki** helped students gain a better understanding of problem identification, solution designing, innovation, and Intellectual Property Rights. The sessions contributed significantly towards strengthening the innovation-oriented learning environment at Government Polytechnic, Dahod.

The SSIP Cell expresses its sincere gratitude to both experts for their valuable time, guidance, and contribution towards enhancing the knowledge and innovative capabilities of the students.

5. Glimpses of the session



