C. U. SHAH GOVERNMENT POLYTECHNIC, SURENDRANAGAR

AUTOMOBILE DEPARTMENT

ACTIVITY REPORT

Report on Expert Lecture: "Transforming Startups Through Artificial Intelligence"

Date: 03/02/2026

No of Student Participated: 425

Under the joint initiative of the **Institution's Innovation Council (IIC) Cell** and the **Student Startup and Innovation Policy (SSIP) Cell**, an expert lecture on the topic **"Transforming Startups Through Artificial Intelligence"** was successfully organized on **03 February 2026** at **C. U. Shah Government Polytechnic, Surendranagar**. The program was arranged for students of all semesters across multiple departments with the objective of promoting innovation, startup culture, and awareness of emerging technologies.

The event witnessed active participation from **425 students** belonging to the following departments:

- Automobile Engineering
- Computer Engineering
- Civil Engineering
- CACDDM
- Mechanical Engineering
- Electrical Engineering

Faculty coordinators from all participating departments played an important role in mobilizing students and guiding them regarding the significance of the session. They highlighted that **Artificial Intelligence (AI)** has become one of the most transformative and disruptive technologies of the 21st century. AI is rapidly reshaping industries, business models, manufacturing systems, and digital services worldwide. Students were informed that early exposure to AI concepts and AI-driven entrepreneurship is crucial for developing strong problem-solving abilities, innovation mindset, and future-ready technical skills.

Photos of the Event.

Sample PPT Slides

"Transforming Startups Through Artificial Intelligence
for Diploma Engineering Students":
Let's talk, care, and grow together

🧑‍🏫 Presented by: Ms.B. B. Goswami

🏫 Department of Computer Engineering

📅 03/02/2026

Introduction to Artificial Intelligence

- Artificial Intelligence (AI) is the simulation of human intelligence in machines.
- AI enables machines to think, learn, and make decisions.
- It plays a major role in modern startups.

What is a Startup?

- A startup is a newly established business.
- It focuses on innovation and growth.
- Startups use technology to solve real-world problems.

Role of AI in Startups

- Automates business processes.
- Improves decision making.
- Enhances customer experience.
- Reduces operational cost.

The **IIC Cell** and **SSIP Cell** of the institute continuously work toward building an entrepreneurial ecosystem within the campus by encouraging creativity, innovation, and startup-oriented thinking among diploma students. This expert lecture was organized as part of that mission to:

- Create awareness about AI applications in startups and industry
- Demonstrate how AI can be used to solve real-world problems
- Encourage students to think beyond traditional employment paths
- Motivate students to develop AI-enabled products and services
- Guide students toward startup creation and innovation funding opportunities

During the session, students gained insights into how startups are leveraging AI for automation, predictive analytics, intelligent decision-making, customer experience enhancement, and cost optimization. Practical examples and emerging trends were discussed to connect theory with real-world startup scenarios.

The program proved highly beneficial and inspirational for the participants. It successfully motivated students to explore innovation and entrepreneurship pathways and helped them understand the growing role of AI in shaping future businesses and technology ventures. The collaborative efforts of the **IIC Cell** and **SSIP Cell** significantly contributed to nurturing young innovators and aspiring entrepreneurs within the institute.

SSIP/IIC Cell
C.U. Shah Polytechnic
Surendranagar