Institution Name: G H Patel College of Engineering and Technology (GCET)

A Report on Technical Session: "Beyond Classroom: Industry Trends & Career Opportunities"

About the event:

The **Department of Electronics & Communication** Engineering, **G H Patel College of Engineering & Technology (GCET)**, Faculty of Engineering and Technology (FoET), **The Charutar Vidya Mandal (CVM) University**, organized a technical expert session titled **"Beyond Classroom: Industry Trends & Career Opportunities"** for first-year EC & ICT students.

The initiative was conducted in association with **System Level Solutions Pvt. Ltd. (SLS)** and aimed to bridge the gap between classroom learning and current industry practices by exposing students to emerging technologies, practical applications, industry trends, and career opportunities.

The event was conducted on **06 October 2026 (Tuesday)** at **Smt. Kamlaben Shankarbhai Patel GCET Auditorium**.

The details of the event are as follows:

Date: 06 October 2026

Time: 09:00am to 1:30pm

Venue: Smt. Kamlaben Shankarbhai Patel GCET Auditorium

Objective:

The major objectives of the technical session were:

1. To provide students with **industry-oriented knowledge beyond the prescribed classroom curriculum**.
2. To familiarize first-year EC and ICT students with **current and emerging industry trends**.
3. To demonstrate the relevance of fundamental engineering concepts in **real-world industrial applications**.
4. To create awareness regarding **career pathways and opportunities in the technology industry**.
5. To encourage students to develop industry-relevant technical and professional skills from the early stage of their engineering education.

6. To establish stronger **industry–academia interaction** through expert engagement.
7. To motivate students to connect classroom learning with practical technological developments.

Expert Sessions Conducted

The event comprised **two expert sessions**, delivered by senior professionals from System Level Solutions Pvt. Ltd.

Session 1: "Techtronics: Smart Systems"

Expert: Er. Himanshu Ankleshwariya
Designation: Senior Manager – Product Design Group
Organization: System Level Solutions Pvt. Ltd.
Time: 09:00 AM – 11:00 AM

Major areas covered

The session focused on:

- Emerging industry trends
- Practical applications of engineering concepts
- Smart systems and technology applications
- Industry-oriented product development perspectives
- Career pathways and opportunities
- Bridging classroom learning with industrial practices

The interaction provided students with an understanding of how engineering fundamentals are translated into practical technological solutions. The expert also highlighted the importance of developing relevant technical competencies and understanding the expectations of modern industries.

Learning Outcomes

After attending the session, students were expected to:

- Understand the relevance of engineering fundamentals in smart technological systems.
- Develop awareness of emerging industrial technologies.
- Relate academic concepts to practical applications.
- Understand the importance of industry-oriented skills.
- Identify potential career pathways in technology and engineering domains.

Session 2: "From Communication to Cloud: Understanding Modern Technology"

Expert: Er. Urmik Shah
Designation: Senior Manager – Software Group
Organization: System Level Solutions Pvt. Ltd.
Time: 11:15 AM – 01:30 PM

Major areas covered

The session addressed:

- Evolution of communication technology
- Connecting devices to the cloud
- Real-world applications of modern technologies
- Current industry trends
- Future technologies
- Career opportunities in technology and software domains

The session enabled students to understand the transition from conventional communication systems toward interconnected, cloud-enabled and digitally integrated technologies. Particular emphasis was placed on understanding technology from an industry perspective and identifying future career opportunities.

Learning Outcomes

Students gained awareness regarding:

- The evolution of modern communication technologies.
- The role of connectivity and cloud technologies in contemporary systems.
- Real-world applications of communication and computing technologies.
- Emerging technological trends and their industrial relevance.
- Career opportunities associated with modern technology domains.

Key Takeaways

The major takeaways from the event were:

1. **Classroom learning must be complemented by practical industry exposure.**
2. Students should continuously update their knowledge according to **emerging technological trends**.
3. Modern engineering applications increasingly involve **communication, connectivity, smart systems and cloud technologies**.
4. Understanding real-world applications helps students appreciate the relevance of fundamental engineering concepts.

5. Early career awareness can help students plan their **skills, projects, internships and professional development**.
6. Continuous interaction with industry professionals can strengthen **industry readiness and employability**.

Participation (Attendance sheet): Attached with this report.

Photographs:




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RESEARCH EXCELLENCE
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CVM UNIVERSITY
Celebrating Research, in Excellence Innovation & Impact
RESEARCH EXCELLENCE

Publicity of the Event in News Papers/Social Media (Screenshots, Images etc)




A TECHNICAL SESSION UNDER
BEYOND CLASSROOM :
INDUSTRY TRENDS & CAREER OPPORTUNITIES
From Learning to Real Life
SPEAKER
Er. Himanshu Ankleshwariya
Senior Manager (Product Design Group)
System Level Solutions Pvt. Ltd.
06 OCTOBER 2026 TUESDAY
09:00 AM - 11:00 AM
Smt. Kamlaben Shankarbhai Patel GCET Auditorium
SESSION HIGHLIGHTS
Emerging Industry Trends
Practical Applications
Career Pathways & Opportunities
Bridging Classroom Learning with Industry Practices
SESSION ON
TECHTRONICS: SMART SYSTEMS
Organized by
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
G H PATEL COLLEGE OF ENGINEERING & TECHNOLOGY (GCET)
Faculty of Engineering and Technology (FoET)
The Charutar Vidya Mandal (CVM) University


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Real-World Applications & Industry Trends
Future Technologies & Career Opportunities
SESSION ON
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The event addresses following Program Outcomes and / or Sustainable Development Goals:

Program Outcomes (POs)

PO	Program Outcome	Relevance to the Event
PO1 – Engineering Knowledge	Apply knowledge of mathematics, science and engineering fundamentals.	Experts connected engineering fundamentals with emerging technologies and real-world applications.
PO2 – Problem Analysis	Identify and analyse complex engineering problems.	Students were introduced to practical industry challenges and technology-driven problem-solving approaches.
PO3 – Design/Development of Solutions	Design solutions for real-world engineering problems.	Exposure to smart systems, communication technologies, software and cloud applications encouraged solution-oriented thinking.
PO4 – Modern Tool Usage	Use modern engineering and technological tools effectively.	Students gained awareness of contemporary technologies, communication systems, cloud platforms and smart systems used in industry.
PO5 – Engineer and Society	Apply engineering knowledge considering societal and practical requirements.	Real-world applications of modern technologies were discussed in the context of industry and society.
PO6 – Environment & Sustainability	Understand the impact of engineering solutions in societal and environmental contexts.	Awareness of connected and smart technologies supports understanding of technology-enabled sustainable solutions.
PO8 – Ethics	Apply ethical principles and professional	Interaction with industry professionals promoted awareness of professional conduct, responsibilities and

	responsibilities.	workplace expectations.
PO9 – Individual and Team Work	Function effectively as an individual and as a member of diverse teams.	The event promoted interaction, communication and collaborative learning among students, faculty and industry experts.
PO10 – Communication	Communicate effectively with engineering professionals and society.	Expert interaction and Q&A encouraged students to develop professional communication and presentation skills.
PO11 – Project Management & Finance	Apply engineering and management principles to manage projects and multidisciplinary environments.	Industry exposure introduced students to professional work environments, product development and career-oriented practices.
PO12 – Life-long Learning	Recognize the need for continuous and lifelong learning.	The central theme **"Beyond Classroom"** motivated students to continuously learn emerging technologies and industry trends.

Sustainable Development Goals (SDGs):

SDG	Goal	Contribution of the Event
SDG 4 – Quality Education	Ensure inclusive and equitable quality education and promote lifelong learning.	The event supplemented classroom education with industry interaction, practical knowledge and exposure to emerging technologies.
SDG 8 – Decent Work & Economic Growth	Promote sustained economic growth, productive employment and decent work.	Career guidance and industry interaction improved students' awareness of employability, professional skills and career opportunities.
SDG 9 – Industry, Innovation & Infrastructure	Build resilient infrastructure and foster innovation.	Sessions on smart systems, communication technologies, cloud connectivity and emerging industry

		trends promoted technological awareness and innovation.
SDG 17 – Partnerships for the Goals	Strengthen partnerships for sustainable development.	Collaboration between GCET, CVM University and System Level Solutions Pvt. Ltd. strengthened industry–academia engagement.

Event organized by:

Name of Coordinators: Dr. Bhaskar Thakker
Prof. Rohit Parmar
Prof. Muktesh Shah
Prof. Scahin Darji
Prof. Parthesh Mankodi

Department: **Electronics & Communication Engineering**