



Gyanmanjari
Innovative University

Electronics & Communication SCOPE 2026

रक्षा अभ्यास छोडो, कौशल्यलक्षी शिक्षा से जुडो।



Gyanmanjari Innovative University (GMIU)

Our Moto

दिव्यम् ददामि ते चक्षुः

(But you cannot see my cosmic form with these physical eyes of yours.
Therefore, I grant you divine vision. Behold my majestic opulence !)



Vision of University

Gyanmanjari Innovative University is dedicated to producing world-class professionals capable of converting global challenges into opportunities through "Value Embedded Education." It achieves this by providing a comprehensive range of academic programs, services, facilities, and technologies aligned with the university's curricula, offering diverse learning opportunities. The goal is to prepare professionals who are not only employable but also capable of becoming employers themselves. Additionally, the university focuses on cultivating critical thinking, effective communication, and learning skills in students while promoting the values of ethical behavior, responsibility, and commitment.



Mission of University

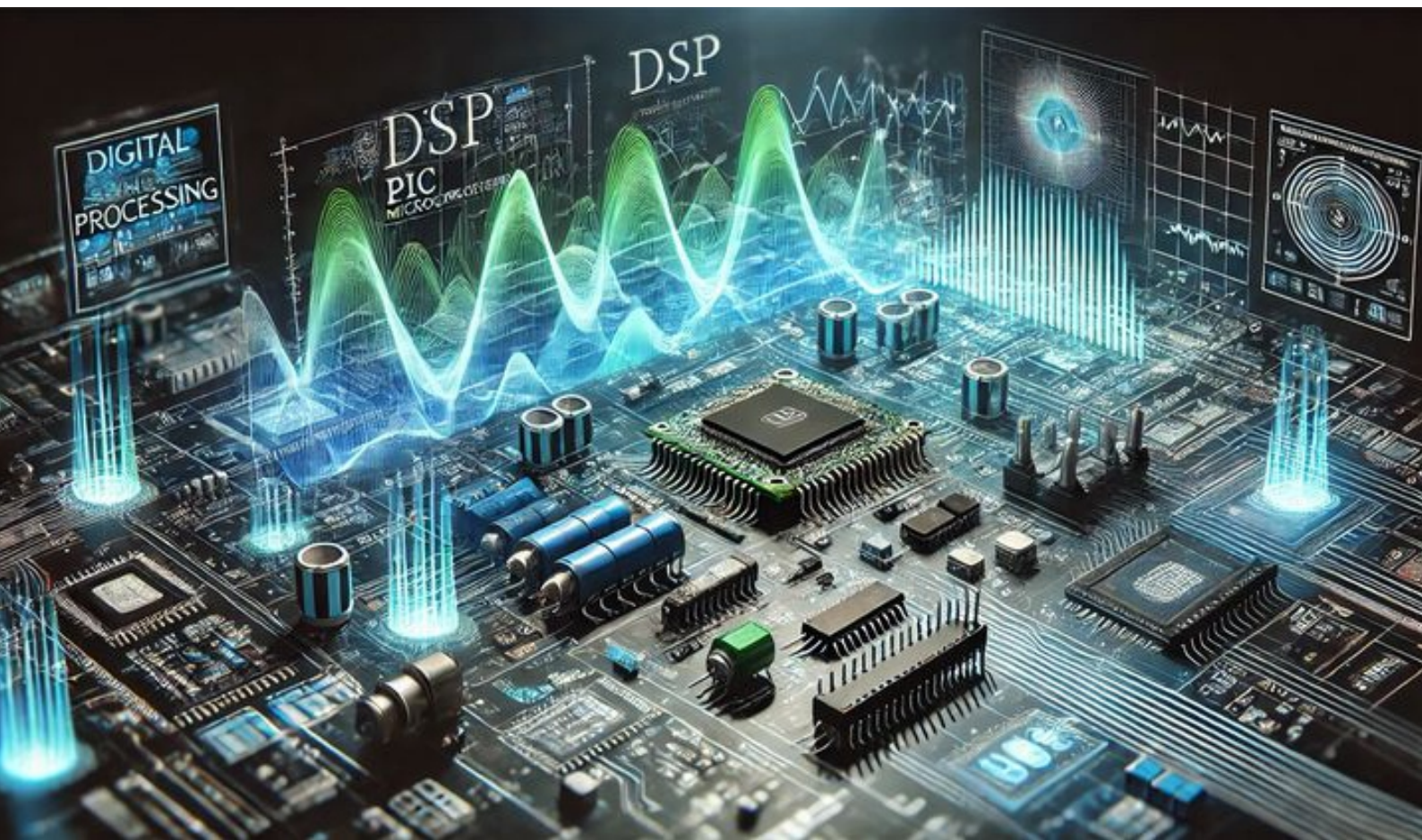
At Gyanmanjari Innovative University, our commitment lies in the relentless pursuit of academic excellence and research in science, engineering, and technology. We achieve this through a dedicated approach to our responsibilities, innovative teaching methods, and a firm belief in human values. Our overarching goal is to foster the development of our students into exceptional professionals with high ethical standards, preparing them to confront the challenges of the next millennium. By instilling a sense of social responsibility, we aim to fulfill the expectations of our society, ensuring that our graduates emerge as resourceful citizens poised to contribute significantly to making the world a better place.

Gyanmanjari Innovative University (GMU)



Vision of Department

- To boost employability, entrepreneurship, and higher studies through value-added activities.
- To inculcate a research attitude and professional ethics to address the needs of the industry.



Mission of Department

To be one of the renowned Electronics and Telecommunication Engineering programs that impart quality education by promoting professionalism, values, and ethics, leading to a progressive career in industry and academia globally.

■ Key Feature of Electronics & Communication Engineering



Emerging Branch



High Demand in the Gujarat



Practical-Driven Learning



Holistic Student Development

■ Why EC Engineering is Emerging Branch

ELECTRONICS & COMMUNICATION: THE EMERGING BRANCH

The Physical Interface of Intelligence



AI HARDWARE

- Silicon Intelligence
- TPUs/GSPs
- Neuromorphic Computing
- Edge AI



SEMICONDUCTOR SOVEREIGNTY

- Semicon India Mission
- VLSI & Nanotech
- Fabs & Manufacturing



6G & SATELLITE

- Terahertz Comms
- Non-Terrestrial Networks
- Integrated Connectivity

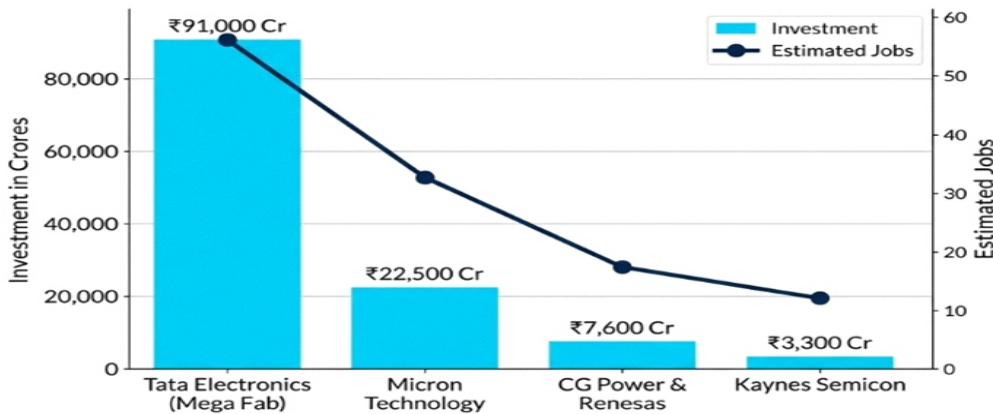


EV & GREEN TECH

- Battery Management
- Power Electronics
- Autonomous Sensors
- Sustainable Future

■ How EC Engineering High Demand in the Gujarat

The Gujarat Semiconductor Boom








11.5 LAKHS

Total Estimated Jobs by 2030










The industry is investing Billions. They need a workforce ready for the future.

Practical-Driven Learning Approach (ECE)

-  Research-Based Student Development & Active Learning Activities
-  Industry Visits, Field Visits & Internships
-  Case Study & Project-Based Learning
-  Cutting-Edge Technology & Domain Selection
-  Mock Interviews, Expert Talks & Techmanjari
-  Practical-Based Examinations



Producing **Industry-Ready & Innovative Electronics & Communication Engineers.**

 Kalamanjari Program	 Bridge Courses	 Communication Skills
 Placement Drives	 Earn While You Learn	 Freelancing Opportunities
 Box Cricket & Sports	 Stress Relief & Wellness	 Joy of Giving

Infrastructure

LABORATORY FACILITY



A HOLISTIC ECOSYSTEM FOR STUDENT DEVELOPMENT

Four pillars working together to ensure student success



GMIU Cells and Incubation Centres



■ Memorandum of Understanding (MOU) Details

Sr. No.	Company Name
1.	Synergy Transformers Pvt. Ltd, Rajkot
2.	Ocean Techno System, Rajkot
3.	Om Shanti Solar Group, Ahmedabad
4.	Embicon Techno Hub, Rajkot
5.	Sun Rise Solar Power, Bhavnagar
6.	Jet Machine Tools, Bhavnagar
7.	Tricks Robotics, Bhavnagar
8.	Het Miracle, Bhavnagar
9.	Sun Photovoltaic, Bhavnagar
10.	Chemitex Exports Pvt. Ltd., Bhavnagar
11.	ElectroEra Pvt. Ltd., Bhavnagar
12.	Sneha Foundation, Bhavnagar
13.	Rudrax Electrical, Bhavnagar
14.	Bapa Sitaram Energy
15.	Triveni Steel Industries Pvt. Ltd.
16.	RM Technocast
17.	Aditya Electric
18.	Autocon Instrument

Mock Interview



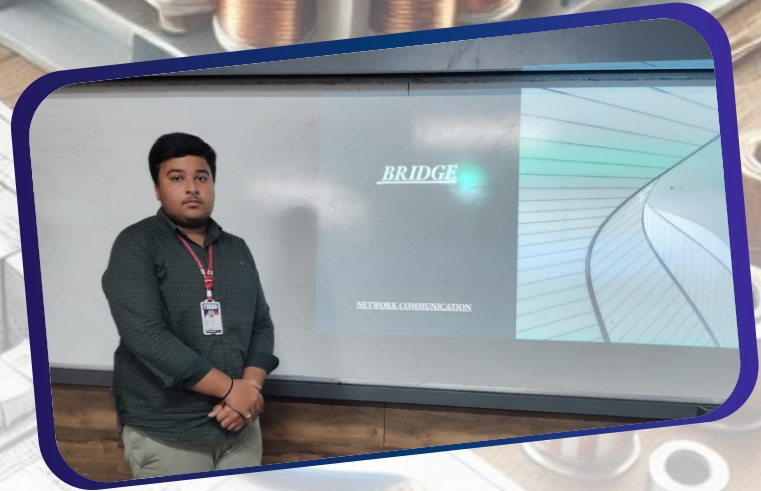
Creative Expression



Box Cricket



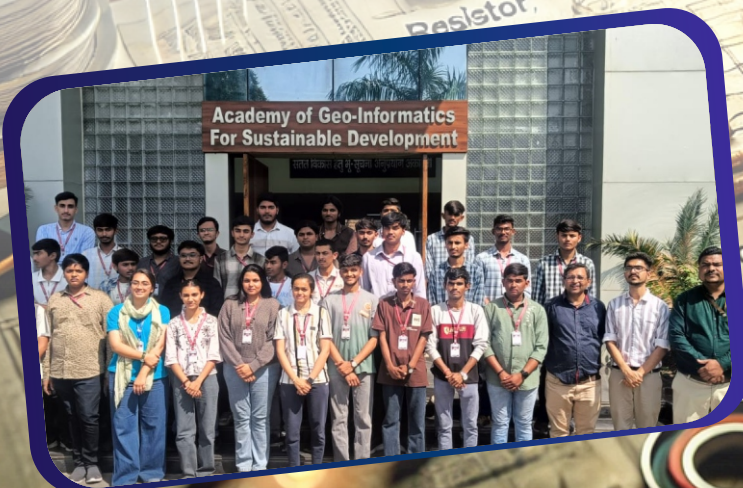
Flipped class



Pre placement Talk



Industry Visit



Joy of Giving



Parants Meeting



Robotics Workshop



S3OT Meeting



Student Development programme



IQ-EQ Test



Stress Relief



Vollyball





**PROFICIENT
LEARNING
METHODS**

रट्टा अडुडरस ऑडुडु, कुशुलुडलकुषुी शलकुषर सुे कुडुु ।



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कुशुलुडलकुषुी शलकुषर सुे कुडुु ।**

“ Shaping Mind with *Skills*
And *Innovation* ”



+91 75749 49494 | +91 90999 51160



www.gmiu.edu.in



Survey No. 30, Sidsar Road, Near ISCON Eleven,
Bhavnagar, Gujarat - 364002