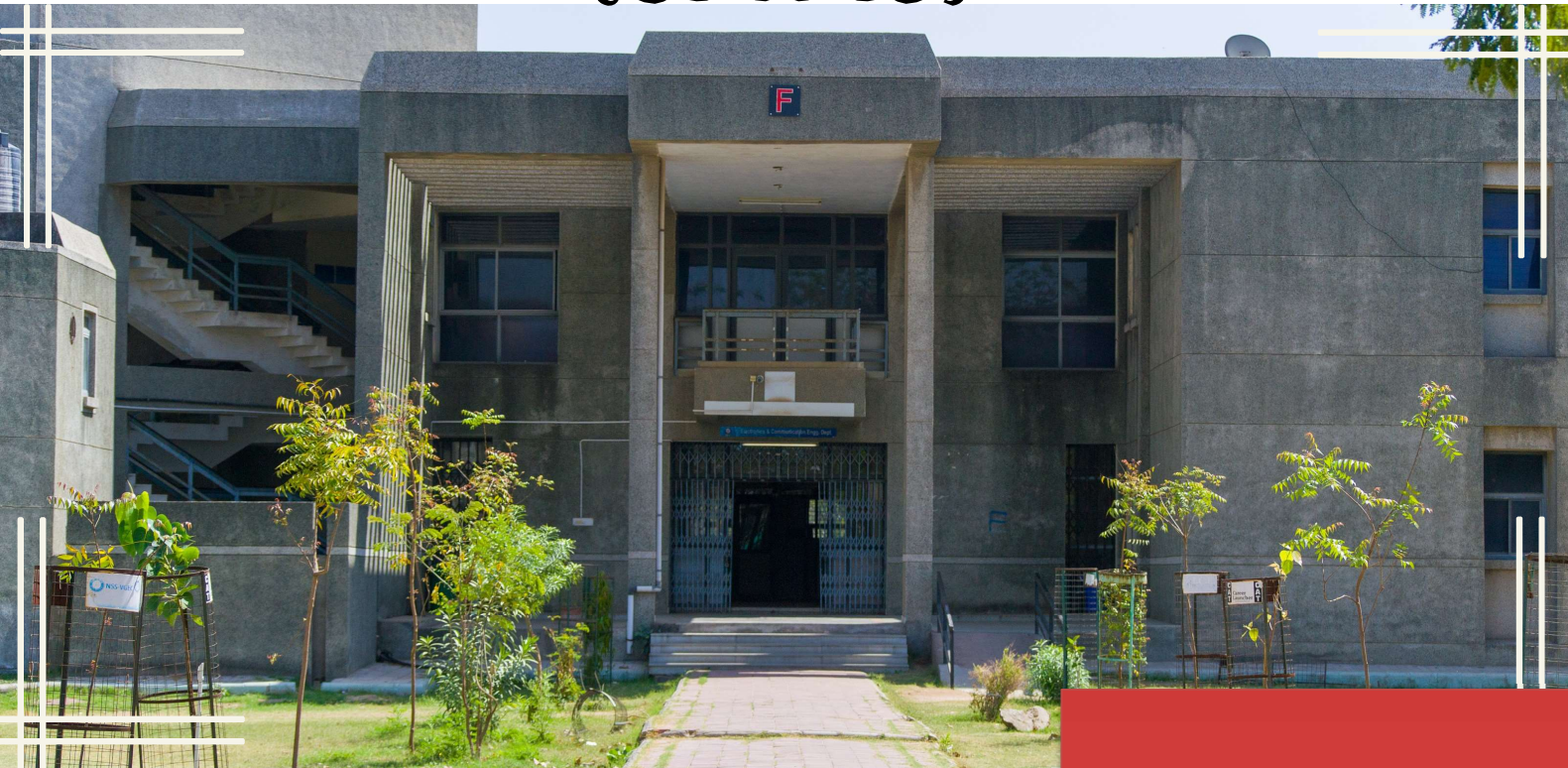


ELECTRONICS AND COMMUNICATION DEPARTMENT

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE
CHANDKHEDA, AHMEDABAD - 382424



VISION

To create an ecosystem for the proliferation of socially responsible and technically sound Electronics and Communication Engineers, innovators and entrepreneurs.

MISSION

- To develop state-of-the-art laboratories and well-equipped academic infrastructure.
- To motivate faculty and staff for qualification upgradation, and enhancement of subject knowledge.
- To promote Entrepreneurship, research, innovation and real-life problem-solving.
- To strengthen linkages with industries, academics, and research organizations.
- To reinforce concern for sustainability, natural resource preservation and social responsibility.

What's inside
this issue:

- ❖ *Faculty Achievement and Faculty Development Program*
- ❖ *Seminars and Expert Talks*
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- ❖ *Student Achievements*
- ❖ *Workshops and Student Activities*
- ❖ *Designed for Excellence, powered by Innovation*



FACULTY ACHIEVEMENTS AND FACULTY DEVELOPMENT PROGRAM



Dr. Alpesh Dafda (Information and Communication Department) was awarded a Certificate of Appreciation for valuable contribution and support towards “Prajatantra 2023: National Youth Festival” by the National Institute of Urban Affairs.

A 5-days Faculty Development Program on “Embedded Linux” was organized by the Electronics and Communication Department from 18th December to 22nd December 2023.

- During these five days of training experts from e-info chips, Teksun Industries and Silicon Signals conducted the training sessions for the faculty members.



- Faculties were trained by different industry experts as per the needs of today's industry in the area of Embedded systems, the Internet Of Things (IoT) and Artificial Intelligence (AI).
- An industrial visit was also organized for the faculties at e-infochips and Teksun industry. The objective of this training is to train the teachers through various industry expert, so that they can provide guidance to the students as per the requirement of the industry.

A total of 15 faculties from different Government degree and diploma colleges from all over Gujarat took the benefit of this training program.

The event was coordinated by **Prof. (Dr.) Nishith Dubey**, Professor and Coordinator, NITTTR Gujarat Extension Centre, Ahmedabad and Co-coordinated by **Prof. Urvisha Fatak** and **Prof. Karan Bhatt**.

This training was organized under the guidance of **Dr. Nilay Bhuptani** (Principal) and **Prof. (Dr) Arun Nandurbarkar** (Head EC).



SEMINARS AND EXPERT TALKS

- I. **IoT and Deep Learning:-** In August 2023, an Expert Lecture on **IoT Devices and Deep Learning** was organized. **Dr. Rahul Mishra**, DA-IICT was the speaker of the lecture who covered IoT components, machine learning and real-world applications.
- II. **Enabling In-Memory Computing for AI:-** In September 2023, an Expert Lecture on **Enabling In-Memory Computing for AI** was organized. **Prof. Joyce M. Mekie**, IIT - Gandhinagar was the speaker of the lecture who deeply cleared the concepts regarding AI and covered Advanced AI Applications using Memory Computing.



Industrial Visits

In December 2023, an Industrial Visit to **E-info chip** (An arrow Company) was organized. Hands-on session on VLSI Technologies and hardware testing is taken there by the industry experts.



Student Achievements

I. **Hackathon Win:-** Team AMURTALOKA won **1st prize (₹25,000)** in the **Worthy-Hack** competition.

II. **Research Publication:-** A research paper is published on **TRACKeZ: Cattle Tracking System** by our students.

III. **Devang Mehta IT Award:-** The prestigious award “Devang Mehta IT Award” was received by **S Bala Vignesh Reddy** of our department.



Workshops and Student Activities

I. **Mission English Sessions:-** Session on Vocabulary and Critical Thinking is coordinated by our students.

II. **Vishwa Cup 2023:-** The whole Sports event was coordinated by our department and students also actively participated in sports and volunteering.



Tirth Patel,
Dhruv Prajapati
and Deep Suthar
(Electronics and
Communication
Engineering
Department)

of Team AMURTALOKA won 1st prize worth Rs. 25000/- in Worthy-Hack, India wide Software/Hardware 24-Hour Hackathon organized at Vignan's Institute of Information Technology, Visakhapatnam on 9th and 10th September 2023.

EDITORIAL TEAM MEMBERS

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