

# ELECTRONICS AND COMMUNICATION DEPARTMENT

VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE,  
CHANDKHEDA, Ahmedabad - 382424



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## NEWSLETTER 2025

### 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 up-gradation 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.

# Student Achievements

Neonica Rai (5th Sem) secured 2nd position in state level "Mahatma Gandhi elocution competition" and won a certificate of merit and a prize money worth Rs.1000, organised by HL COMMERCE COLLEGE on 22nd February 2025.



**Neonica @Mahatma Gandhi Elocution Competition**

NSS-VGEC volunteer Ketul Suthar of Electronics and Communication Engineering Department got selected and successfully attended 'Pravasi Bharatiya Diwas' which was organized at Indore, Madhya Pradesh from 8<sup>th</sup> January, 2023 to 10<sup>th</sup> January, 2023.

Vaishvi Parikh (5th Sem) as Delegate at 1st ever Women Thinkers Meet, organized by Gujarat Thinkers Federation and BAOU, held on 11th and 12th of January, 2025 at Babasaheb Ambedkar Open University (BAOU), Ahmedabad. She was also a Campus Ambassador at IIM Ahmedabad from January 9th to 12th, 2025.



**Certification achieved by Vaishvi**

# Student Achievements

In January, Vandana Mehta and Manjot Gandhi, students of Semester 5 from the Electronics and Communications Department, proudly represented Gujarat Technological University (GTU) in the Theatre category under the SKITs program at westzone accredited by ALU at Ganpat University, Mehasana. Vandan Mehta participated as the student accompanist, while Manjot Gandhi took the stage as the performer. Their outstanding performance earned them the second position at the zonal level, which qualified them for the national round. The national-level competition was also organized under the All India University Association and held at Amity University as part of "Amity Utsav" from 3rd to 7th March. There, continuing in the same category and roles, they showcased their talent once again and brought laurels to GTU by securing the first position.



**Manjot Gandhi and Vandana Mehta  
Sem 5 EC  
representing GTU**





# NSS Activities



**Save Birds Camp**

Save birds from Manja in January before Sankranti along with Sainik Welfare Fund in nearby areas. Ahead of Sankranti in January, we launched a drive to save birds from Manja (kite string) in collaboration with the Sainik Welfare Fund. Our efforts focused on nearby areas, where volunteers actively rescued injured birds and raised awareness about the dangers of glass-coated kite string. Simultaneously, we contributed to the Sainik Welfare Fund, honoring the sacrifices of our veterans.



**Republic Day Celebration**

Republic Day Celebration in collaboration with NCC unit of our college. We proudly celebrated Republic Day in a grand event organized in collaboration with our college's NCC unit. The celebration fostered a sense of patriotism and unity among students and faculty, featuring various activities that highlighted the significance of the day.



Blood Test and Thalassemia test organized by NSS and NCC in collaboration with Indian Red Cross Society on 5th March. Our commitment to health awareness continued with a visit to the Indian Red Cross Society. This visit was crucial for acknowledging and understanding the challenges of Thalassemia. Following this, a 7-day Special Camp was held at Lavarpur, Gandhinagar, from February 23rd to March 1st. This immersive experience likely involved various community service activities, further strengthening our bond with local communities. On March 5th, in collaboration with the Indian Red Cross Society, our NSS and NCC units jointly organized a Blood Test and Thalassemia Test camp.

**Test Camp**





# NSS Activities

This initiative provided essential health screenings to many, contributing to early detection and awareness of Thalassemia.



**Thalassemia Awareness Program**

We concluded our series of events with the celebration of Yoga Day. This event promoted the importance of physical and mental well-being through yoga, encouraging participation from across the college community. This includes our principal showcasing the strength of Yoga.



April: Summer for Birds. Recognizing the challenges birds face during the hotter months, we organized "Summer for Birds" in April. This initiative likely involved setting up water bowls and food points, and raising awareness about how individuals can help local bird populations during the summer.



**Summer for birds**



**Yoga Day Celebration**

# Faculty Achievements

<b>Prof. Pankaj P. Prajapati</b>	Electronics and Communication	Published Indian patent on - "Method and system for Computer Aided CMOS based Analog circuit design"
<b>Prof. R.S Parikh</b>	Electronics and Communication	Secured a position of 'toppers' in MOOC course by NPTEL, titled as "Recommender Systems" in Feb-April, 2025
<b>Prof. Kalpesh B. Chaudhary</b>	Electronics and Communication	Attended the 12 weeks course on Introduction to Internet of Things (IoT) of SWAYAM NPTEL from Jan-April 2025. He was the Topper with Gold Elite in the course, securing 94%
<b>Prof. Dhara J. Sangani</b>	Electronics and Communication	Completed the 12-week course on "Digital Signal Processing and its application" of SWAYAM NPTEL MOOC from Jan-April 2025.

# Vishwacup Victory

*The The Electronics and Communication (EC) branch showed a spectacular performance in the VishwaCup, earning a total of 168.5 points, the highest among all departments, clearly emerging as the overall winner.*

- In **Cricket (Boys)**, EC secured 5 points, showing good participation and teamwork.
- In **Kabaddi (Boys)**, they earned a solid 10 points, marking a strong win in this tough physical game.
- The **Volleyball (Boys)** team added 2.5 points, contributing to the overall score.
- EC girls dominated in Kho Kho, scoring 10 points, showcasing agility and coordination.
- In **Football (Boys)**, EC performed well with 7 points, reflecting competitive spirit.
- Both the Boys and Girls **Basketball** teams from EC displayed excellent teamwork and strategy, each earning 10 points, totaling 20 points in basketball.
- In **Table Tennis (Singles)**, EC boys earned 5 points while girls outshone with 12 points, indicating strong individual performances.
- EC boys further contributed 7 points in **Table Tennis (Doubles)** and an impressive 12 points in Table Tennis Mixed, signaling dominance in all TT categories.
- In **Chess**, EC girls performed brilliantly by earning 7 points in Singles and 7 points in Team events.
- EC boys excelled in **Athletics**, scoring 10 points in 100m, 5 points in 200m, 10 points in 400m, and 10 points in Relay, totaling 35 points—a commanding lead in boys' athletics.
- EC girls followed with 5 points in 100m and 7 points in 200m, contributing an additional 12 points in **girls' athletics**.
- In **Badminton**, EC was unbeatable—scoring 17 points each in Boys Singles, Girls Singles, and Boys Doubles, along with 10 points in Girls Doubles and 10 points in Mixed Doubles, totaling a massive 71 points in badminton alone, making it their strongest area of victory

- **Team Achievement in Chess**

We are proud to share that Deep Patwa (EC - 2nd Sem), Rajvir Vaghela, Kaushal Thummar, Dwij Gupta, Harshil Mangroliya, and Megh Barot showcased their strategic brilliance and teamwork by securing the 2nd position in the team chess competition held on March 25. Their dedication and focus truly made a mark in the event.

## Cricket Glory – Vishwacup Semifinal

In an intense and action-packed match, our talented players Aarjav Dhebariya, Dhruv Patel, and Jeet Maradiya represented the team in the Vishwacup Cricket Tournament semifinal, delivering powerful performances and bringing pride to the institute.



# Industrial Visits



## Industrial Visit to PCB Power, Gandhinagar – 24th April 2025

On 24th April 2025, students of the Electronics & Communication Engineering Department visited PCB Power, Gandhinagar, accompanied by faculty coordinators Prof. Navin Ganeshan and Prof. Rahul Patel. The visit offered an insightful overview of the industrial PCB and chip design process—from raw materials to fully functional boards—shedding light on the various stages involved in fabrication and production. It served as a valuable bridge between theoretical knowledge and practical industry practices. We extend our sincere thanks to PCB Power India for hosting us and to VGEC for organizing this informative and enriching experience.

## EC – 2025 BATCH PLACEMENTS

Sr. No.	Company Name	Placed	Sr. No.	Company Name	Package (In LPA )
1	Bharat Electronics Ltd.	3	11	Glide Technology Pvt. Ltd.	4.00
2	Micron Semiconductor	1	12	Multispan Control Instruments	4.00
3	TCS	1	13	Pronesis Technologies	4.00
4	Ribbon Communications	1	14	Alpha-e Barcode Solutions	3.70
5	Odoo India Pvt. Ltd.	1	15	Hitachi-Hirel Power Electronics	3.40
6	Sasken Technologies	5	16	7Span	3.40
7	Alpha-Numero Technology Solutions.	4	17	Electrotherm (India) Ltd.	3.00
8	SIQOL Technologies Pvt. Ltd.	2	18	Tatva Soft	3.00
9	E-infochips Ltd.	1	<b>Total Placed Students</b>		<b>55</b>
10		4.00	<i>And Still Counting...</i>		



# Artistic Corner

## *The Grief that lingers By and Still Life Goes On*

There's a silence that doesn't scream,  
It simply stays.  
Like the dust resting on windows sometimes.  
Unnoticed, but always there.  
Some days, I laugh loud enough  
To drown it.  
Other days, the giggles have vanished,  
A melody only I can hear.  
I walk through crowded rooms,  
Pretending I'm whole.  
But even sunlit mornings  
Cannot bleach the shadows stitched to my  
spine.  
And yet,  
The clock ticks.  
New songs play.  
New people stay.  
Life, stubborn and beautiful, moves forward.  
Dragging my grief along like an old suitcase  
That no one sees but I always carry.

## *Cosmic Classrooms*

We sat in rows beneath the lights,  
While the universe whispered through  
soundbites.  
Every theory, a galaxy wide,  
In learning, we saw stars collide.  
Blackboards turned into black holes,  
pulling in our awe.

This piece reflects how learning can feel  
cosmic, where every idea is a star and  
every lecture, a galaxy. It captures the  
quiet awe of minds expanding beyond  
the blackboard.

**Khushi Shah (5<sup>th</sup> Sem EC)**

## Editorial Team

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