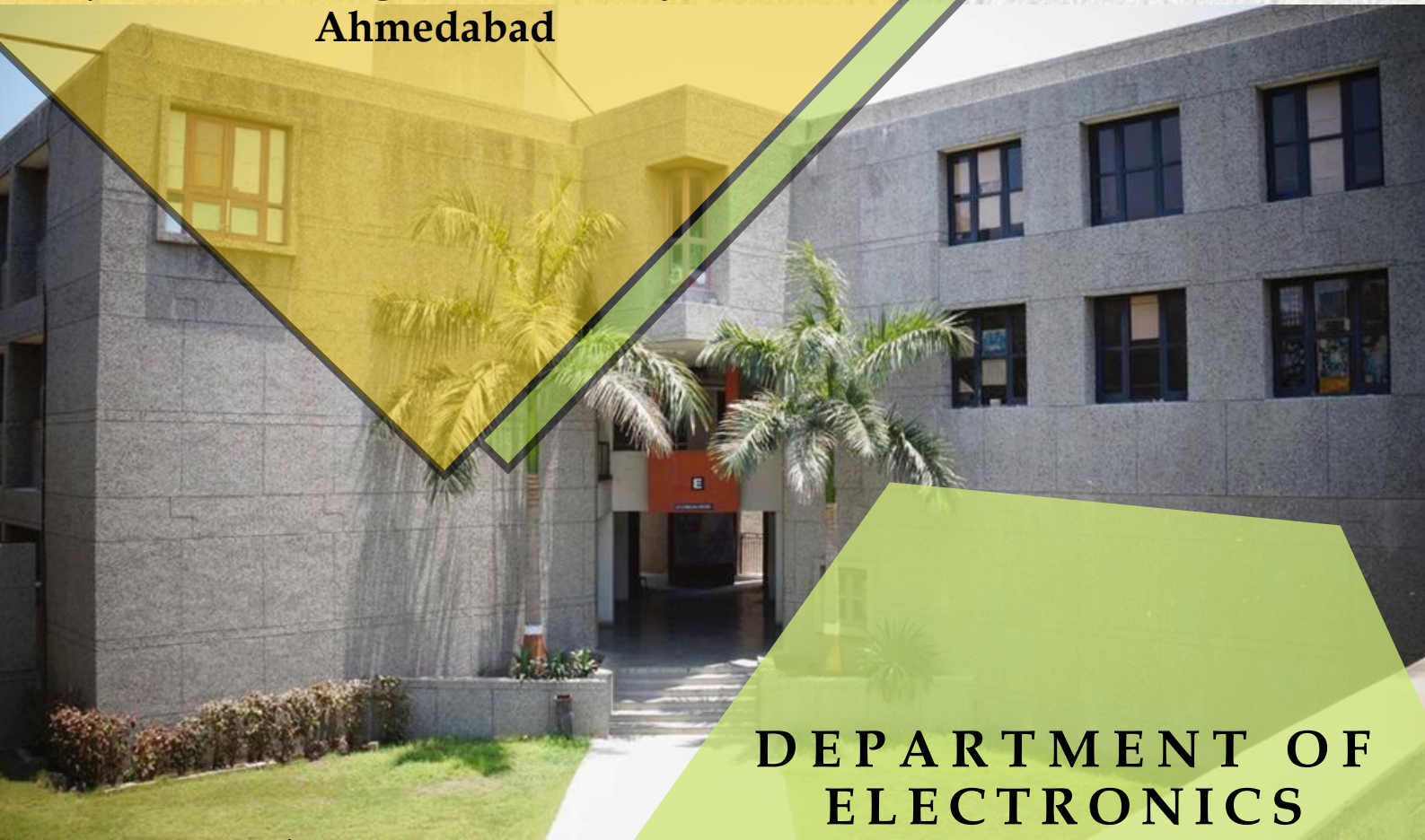




# V.V.P. ENGINEERING COLLEGE

Approved by AICTE and affiliated to  
Gujarat Technological University (GTU) ,  
Ahmedabad



DEPARTMENT OF  
ELECTRONICS  
AND  
COMMUNICATION  
ENGINEERING





## Message from Trustee

India's energy transition is in its own interest because, otherwise economic growth would not be sustainable and human security would be at stake, since millions of climate changes are created due to the devastating consequences of climate change.

The Prime Minister has committed to increase renewable energy and reach 500 GW target by 2030, which is only 100GW in 2021.

Our wind energy production is only 12.5% of the total potential and solar energy production is only 4.6% of the total potential, a challenging task to tap unused resources.

The Prime Minister has announced the launch of the National Hydrogen Energy mission. Green Hydrogen is a major component of renewable capacity of energy.

Engineering problems of cost, scale, adopting new technologies, working out distribution chains and storage of Hydrogen should be met by the government, bureaucracy, universities, engineers and technocrats by a coordinated policy and its implementation.



**Dr. Tejas Patalia**

## **Message from Principal**

Welcome to V.V.P. Engineering College, a world class center for excellence in technical education. We are a leading technological institute of India, a home to a wide range of academic departments, providing best education in the major areas of technology and services in the area of research and consultancy.

We are proud and distinct through our global technical perspective, cosmopolitan character and being deeply rooted in the high Indian traditional culture, heritage and values.

You would enjoy the challenges and opportunities we offer. We look forwards to welcoming the engineering aspirants to a place of genuine intellectual excellence for an unforgettable simulating experience in the world of existing and emerging technologies, Welcome back to Future....

# ABOUT V.V.P. Engineering College

Vyavasayi Vidya Pratishtan is established by Rajkot Nagarik Sahakari Bank Ltd. to promote quality education in various technical fields. The trust was founded in 1996 with the objective of meeting technical educational needs of Gujarat.

The trust prides itself of establishing the first engineering college in Rajkot, the central location of Saurashtra and Kutch region. V.V.P. Engineering College is a self-financed institution affiliated to Saurashtra University and Gujarat Technological University, recognized by All India Council for Technical Education (AICTE), New Delhi and the Government of Gujarat.

It has a specially designed on 30 acres of land with spacious building providing an adequate infra-structural facility setup in a beautiful natural surroundings. It is landscaped with enlivened architecture that creates conducive environment of learning. The campus is located 10 Km on Kalawad Road, the west of Rajkot, with transportation and conveyance facilities.

VVP Engineering College is one of the best engineering colleges in India catering holistic growth to the students. It is providing state of the art facilities to the students. The institute has many schemes and offers for well education of the students.

# VISION AND MISSION OF THE INSTITUTE

## VISION

To be an exemplary institute, transforming students into competent professionals with human values.

## MISSION

1. To provide a conducive academic environment for strengthening technical capabilities of the students.
2. To strengthen linkages with industries, alumni, and professional bodies.
3. To organize various co-curricular and extra-curricular activities for overall development of the students.
4. To practice good governance and conduct value-based activities for making students responsible citizens.



**Dr. Paresh Dholakia**

## **MESSAGE FROM HOD**

The Department was established in the year 2001 with the aim of providing technical education through technology-based learning, innovation and excellence in teaching learning process in the field of Electronics and Communication Engineering. The well-equipped laboratories with qualified faculty members ensure hi-tech standard of education delivered from our department. Various workshops, faculty development programs, alumni interaction, expert talks, seminars, webinars, skill- development programs, project developments are conducted on recent trends in Electronics & Communication engineering to get the knowledge of the same.

Our students are motivated to write research papers under the guidance of experts. To improve their verbal communication & public speaking we are conducting technical and non-technical seminars. In house training is also provided to students to set up various projects in guidance of faculty and senior students as a part of peer learning. The students are also encouraged to participate in various extra-curricular activities and include them in different clubs. Industrial visits are arranged to get in touch with the latest technologies used in the industries.

The students are placed in leading hardware and software based multinational and reputed companies. They are motivated and guided to pursue their higher studies in India and abroad.

# **VISION AND MISSION OF THE DEPARTMENT**

## **VISION**

To evolve as a recognized Electronics and Communication Engineering Department preparing capable engineers with good human qualities.

## **MISSION**

1. To facilitate adequate infrastructure, well equipped laboratories, experienced staff and technical experts for development of technical knowledge and skills in the students.
2. To collaborate with industries and alumni to stay updated with the latest skills and technology.
3. To organize technical & nontechnical activities for overall grooming of the students and to make them good citizens.

## **Program Educational Objectives (PEOs)**

1. Work as a professional with innovative thinking in the fields of industry, government sector and academia.
2. Advance their career by pursuing higher studies and research or as an entrepreneur.
3. Demonstrate teamwork, professional ethics, human values and lifelong learning to serve the society.

## **Program Specific Outcomes (PSOs)**

1. An ability to grasp, analyze and apply the concepts of Electronics, Communication, VLSI technology, Embedded systems and Signal processing in implementing engineering systems and solution of complex problems in Electronics and Communication Engineering.
2. An ability to have adaptability to changing work environment and good interpersonal skills as an individual/leader in a team with professional ethics, social responsibilities and human values.

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# Glimpses of Training & Placement Cell

Department of Electronics and Communication Engineering is constantly working for students' betterment by in touch with alumnae to arrange alumni – students' interaction to guide students about industry need.

For the same here we - Department of Electronics and Communication Engineering very thankful to alumni for their valuable contribution to achieve the 2024 batch placement directly or indirectly. Special thanks to Mr. Ankur Devani (Sr. Embedded Engineer in eInfochips) for a great help to guide students on questionnaire on Embedded Domain.


## Placement of 2024 batch

**V. V. P. Engineering College**  
**Department of Electronics and Communication Engineering**




**VOLANSYS**  
An ACL Digital Company

**Sumit Lunagariya**



**GLIDE**  
EMBEDDED SOLUTIONS

**Daksh Kakadia**




**VICHARAK**


**Aditya Kanani**

**Placement**  
**2024**


**Congratulations**




**Dev Sachdev**




**Taksha Rathod**



**Preet Ginoya**



**Jeet Nathwani**



**Mirali Gajera**



वैज्ञानिक अनुसंधान एवं प्रशिक्षण प्रभाग (एसआरटीडी)  
Scientific Research and Training Division (SRTD)  
आरटीएमजी/मीसा/सैक RTMG/MISA/SAC

Congratulations all ISRO interns for sparkling achievement for Internship at ISRO – Scientific Research and Training Division (SRTD). We - Department of Electronics and Communication Engineering feel proud for having students of 2020 - 2024 batch.



**Name : Aayush Khokhara**

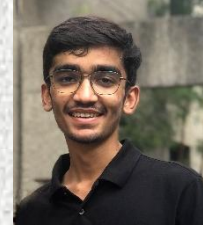
Topic : Development of low cost Ultrasonic Tide Gauge

Domain : Embedded System

**Name : Daksh Kakadia**

Topic : Stepper motor control using ARM Cortex M7  
Microcontroller

Domain: Embedded System



**Name: Aastha Bhatt**

Topic : Design for PAT ELECTRONICS

Domain: Quantum Communication



**Name : Taksha Rathod**

Topic : PXIe based Data Acquisition System

Domain : Embedded System



**Name : Bijal Pilojpara**

Topic: Drive Electronics Hardware Design And  
Development for Interline CCD Image Sensor

Domain: Embedded Hardware



**Name : Mirali Gajera**

Topic : Simulation of floating points and common mode  
of OpAmp using Verilog, VHDL and Verilog A

Domain : VLSI



## Project work by 2020 – 2024 Batch

Excellent project work by 2020 – 2024 batch EC students. With their hard work and practical knowledge they made following projects for Department of Electronics and Communication Engineering for demonstration to explain why EC ??

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**Project Name** : **Maze Solving Robot**  
Group : Zenil Mehta, Daksh Kakadia, Ayush Khokhara, Sachdev Dev, Yash Patel  
Components List : Arduino UNO, IR Sensors, DC Motor, Drivers, Battery  
Application : Autonomous Driving Vehicle, Ware House ROBOT

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**Project Name** : **Home Automation**  
Group : Khushi Monpara, Dhruvi Pokar, Devanshi Oza, Priyanka Bhatt, Bansari Undhad, Dipali Mehta, Aditya Kanani, Jeet Nathawani, Zenil Dodhiya, Hem Vadodariya  
Components List : Node MCU (ESP8266), LEDs, Fans, Stepper Motor, 8-Channel Relay, Battery, DC Motor  
Application : Control of Home Appliances

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**Project Name** : **Radar System**  
Group : Mansi Bhadoriya, Aastha Bhatt, Saumya Vyas, Hiral Chavda, Aditya Kanani  
Components List : Arduino UNO, Ultrasonic Sensor, Servo Motor  
Application : Object Detection

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**Project Name** : **Accident Avoidance**  
Group : Yash Patel, Zenil Mehta, Ayush Khokhara, Sachdev Dev  
Components List : ESP32, Ultrasonic Sensor, DC Motor, Motor Driver  
Application : Accident Prevention and Emergency Crash Alert System

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**Project Name** : **Blind Stick**  
Group : Dev Buddhdev, Yash Patel  
Components List : Ultrasonic sensor, Battery  
Application : Obstacles Detection for Blind People

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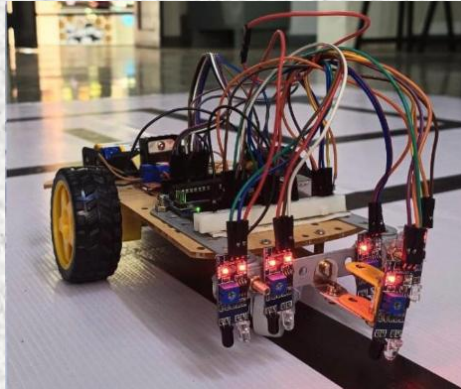
**Project Name** : **IR Automation**  
**Group** : Zenil Mehta, Dev Sachdev, Daksh Kakadia  
**Components List** : Arduino, IR Sensor, IR Remote  
**Application** : Control Appliances is TV remote/IR remote

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### Projects and Teams



**Home Automation**



**Maze Solving ROBOT**



**Radar System**



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Zenil Mehta, Daksh Kakadia, Ayush Khokhara, Dev Sachdev, Yash Patel

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Khushi Monpara, Dhruvi Pokar, Devanshi Oza, Priyanka Bhatt, Bansari Undhad, Dipali Mehta, Aditya Kanani, Jeet Nathawani, Zenil Dodhiya, Hem Vadodariya



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Mansi Bhadoriya, Aastha Bhatt, Saumya Vyas

# Results

## 8<sup>th</sup> Sem Result: 100%

8 students have 10 SPI and 7 students have 9 above SPI  
Hitarthi Vekariya (1<sup>st</sup> rank) & Jeet Chachadiya (2<sup>nd</sup> rank) secured Ranks in top 10.

## 6<sup>th</sup> Sem Result: 80.56%

14 students got 9 above SPI & 11 students got 8 above SPI  
Astha Bhatt (3rd rank) , Dhruvi Pokal (5th rank) and Mirali Gajera (6th) secured ranks among GTU Top 10 in entire EC Branch.

## 4<sup>th</sup> Sem Result: 47.83%

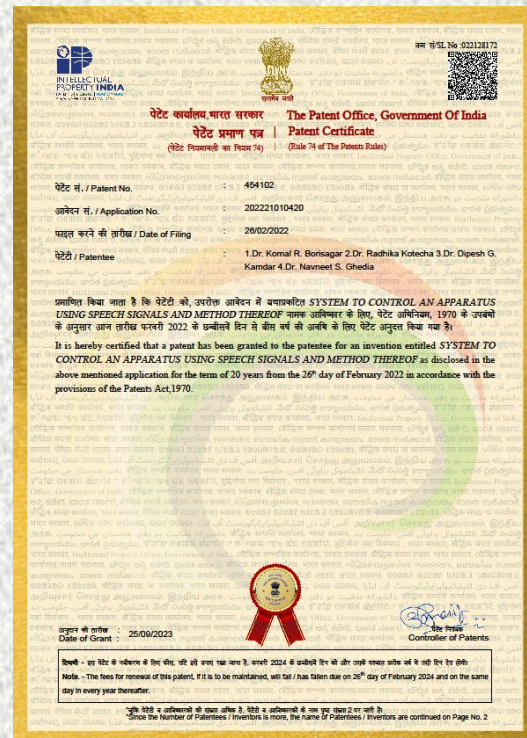
4 students got 8 above SPI  
Hemanshi Katariya secured 7th Rank with 8.78 SPI among GTU Top 10 in entire EC Branch.

## 2<sup>nd</sup> Sem Result: 52.56%

Harit Ashara (1<sup>st</sup> rank) & Yuvika Narvane (2<sup>nd</sup> rank) secured Ranks in top 10.

# Staff Achievements

Dr. Dipesh Kamdar received patent for "System to control an apparatus using speech signals and method thereof".



## FDP

1. Dr. Paresh Dholakia and Dr. Charmy Patel attended 7 Day National Level online FDP on "Curriculum framework in line with NEP 2020, OBE and AI Advancements" organized by The Internal Quality Assurance Cell (IQAC) of Mar Mar Thoma College for Women, Perumbavoor during 12-10-23 to 19-10-23.
2. Dr. Charmy Patel attended 7 Day National Level online FDP on "Satellite Meteorology Applications in weather and climate studies" organized by IIRS, during 7-8-23 to 11-8-23.
3. Dr. Dipesh Kamdar attended 5 days online FDP on "R Programming" organized by NITTTR, Kolkatta during 9-10-23 to 13-10-23.
4. Dr. Dipesh Kamdar attended 5 days online FDP on " Fundamentals of Machine Learning and Deep Learning" organized by NITTTR, Kolkatta during 25-9-23 to 29-9-23.
5. Dr. Dipesh Kamdar attended 5 days online FDP on " NextGen Computing: Blockchain and AI" organized by MARATHWADA MITRAMANDAL'S COLLEGE OF ENGINEERING, PUNE during 4-9-23 to 8-9-23.
6. Prof. Sheron Christy attended 12 week Online NPTEL Course on "Semiconductor devices and circuits" (AICTE-FDP) organized by SWAYAM IIT Bombay and IISc Bangalore during July '23 to October '23.
7. Prof. Sheron Christy attended MOOC on " Earth Observation for Climate Action" organized by Indian Space Research Organization (ISRO), Centre for Space Science and Technology Education Asia and the Pacific (CSSTEAP) & United Nations office for Outer Space Affairs (UNOOSA) during 15-9-23 to 14-10-23.

## Seminar

1. Dr. Paresh Dholakia and Prof. Sheron Christy attended online Scientific Talk on "Chandrayaan - 3 Mission" organized by Department of Physics, Saurashtra University, Rajkot on 14-7-23.
2. Dr. Dipesh Kamdar attended online seminar on "Monitoring Forest Disturbances using Geospatial Technology" organized by IIRS on 4-10-23.

## Recognition of Staff

1. Dr. Paresh Dholakia, Dr. Jignesh Joshi and Dr. Dipesh Kamdar has been appointed as DPC reviewer for PhD students of Atmiya University on 30-9-23.
2. Mr. Dharendra Jadav and Mr. Paresh Patel have registered a patent on "Nano fertilizer coated sponge for fast seed germination with Soilless agriculture" on 24-22-23.



Dr. Charmy Patel received best user Library Award as a Faculty.

## Student Achievements



Taksh Dobariya (1<sup>st</sup> sem) & Dixit Khokhar (1<sup>st</sup> sem) participated in Kabaddi match at LTIET, Rajkot on 11-8-23.

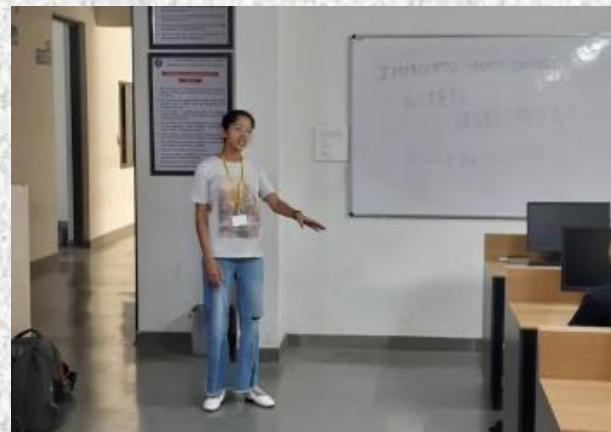
Devangi Sankhalpara (1<sup>st</sup> sem) secured 2<sup>nd</sup> Rank in Best out of Waste Competiton organized by WDC Cell on 11-8-23.



Yash Ramoliya of 5<sup>th</sup> EC secured 1st Rank in Poster Making, Cartooning, Installation Folk Dance and 2<sup>nd</sup> Rank in Rangoli in Navrang : 25<sup>th</sup> and 26<sup>th</sup> August 2023. Yash Ramoliya got 2<sup>nd</sup> Rank (well-dressed) and group performance in Rasostav 2023.



Kritika Zala of FYEC secured 3<sup>rd</sup> Rank; in Impromptu Speech Contest Organized by WDC Cell on 15-9-23 & also got selected in AIU Basketball Girls on 23-9-23.







Chetna Parmar (4<sup>th</sup> EC) received Best User Library Award on 12-8-23.

Shruti Trivedi, Vishwa Katrodiya and Devangi Sankharva of FYEC designed G-20 Rangoli for RNSB Bank Anniversary on 6-10-23.



Yash Patel of 7<sup>th</sup> EC got 1<sup>st</sup> Rank (Prince) in Rasotsav 2023.

Shruti Trivedi participated in AIU Girls Handball on 10-10-23 and she also secured 2<sup>nd</sup> Rank in Mimicry in NAVRANG (youth festival) 2023.





Aditya raval participated and secured 1<sup>st</sup> rank in light indian vocal and also secured 1<sup>st</sup> rank in patriotic song competition in NAVRANG (youth festival) 2023.

## Student Participation

### Sports Participation:

College level indoor sports festival "Spirit" organized on 22-9-23 & 23-9-23.

#### Badminton :

Sr. No.	Name	Semester
1	Pratik Ghosh	1 <sup>st</sup>
2	Prachi Rekvar	5 <sup>th</sup>
3	Hemanshi Kataria	5 <sup>th</sup>
4	Chandni Rav	5 <sup>th</sup>
5	Krishna Makadia	1 <sup>st</sup>
6	Kritika Zala	1 <sup>st</sup>
7	Aditya Raval	1 <sup>st</sup>
8	Shivani Patel	5 <sup>th</sup>
9	Mansi Bhadouria	7 <sup>th</sup>

#### Chess :

Sr. No.	Name	Semester
1	Vishva Katrodiya	1 <sup>st</sup>
2	Dixit Khokhar	1 <sup>st</sup>
3	Mourya Vadera	1 <sup>st</sup>
4	Hemanshi Kataria	5 <sup>th</sup>
5	Harit Ashara	5 <sup>th</sup>
6	Devangi Sankharva	1 <sup>st</sup>
7	Aditya Raval	1 <sup>st</sup>

### Carrom :

Sr. No.	Name	Semester
1	Dhruvik Marakana	1 <sup>st</sup>
2	Krishna Makadia	1 <sup>st</sup>
3	Vishva Katrodiya	1 <sup>st</sup>
4	Chandni Rav	5 <sup>th</sup>
5	Dev dhameliya	5 <sup>th</sup>
6	Devangi Sankharva	1 <sup>st</sup>
7	Hemanshi Kataria	5 <sup>th</sup>
8	Shivani Patel	5 <sup>th</sup>

### Table Tennis :

Sr. No.	Name	Semester
1	Dev Dhameliya	5 <sup>th</sup>
2	Kris Vaz	5 <sup>th</sup>

### Cultural & Co curricular :



Devangi Sankharva (1<sup>st</sup> sem) & Vishva Katrodiya (1<sup>st</sup> sem) participated in Rakhi making competition by WDC Cell on 18-8-23.



Shruti Trivedi, Devangi Sankharva (1<sup>st</sup> sem) & Vishva Katrodiya (1<sup>st</sup> sem) participated in Diwali Rangoli Competition by WDC cell on 7-11-23.



### Participation in various events

Student Name	Sem	Level of Event	Event Name
Shruti Trivedi	1	College	Rangoli (WDC cell)
Devangi Sankharva	1		
Vishwa Katrodiya	1		
Shivani Patel	5	College	Impromptu Speech competition
Hemanshi Kataria	5		
Vishva Kathrotiya	1		
Shruti Trivedi	1		
Yuvika Narvane	3	College	Rakhi making competition
Vishwa Katrodiya	1		
Devangi Sankhalpara	1	College	Best out of waste
Vishva Kathrotiya	1	College	Poster Making (NAVRANG)
Maurya Vadher	1	College	Rangoli (NAVRANG)
Vishva Kathrotiya	1	College	Folk Dance (NAVRANG)
Yash Ramoliya	5	College	Essay Writing (NAVRANG)
Prachi Rekvar	5	College	Collage Making(NAVRANG)
Devangi Sankharva	1	College	Poster Making(NAVRANG)
Dev Dhameliya	5	College	Photography(NAVRANG)
Aghera tanish	3	College	Light Vocal(NAVRANG)
Aditya Raval	3	College	Mimicry (NAVRANG)
Aditya Raval	3	College	Debate (NAVRANG)
Khrish Vaz	5	College	Elocution (NAVRANG)
Khrish Vaz	5	College	Debate (NAVRANG)
Shruti Trivedi	3	College	Light Vocal (NAVRANG)
Jay Vaghela	1	College	Energy Literacy Training
Pratik Ghosh	1	National, online	Introduction to Internet Of Things
Pratik Ghosh	1	National ,online	Cyber Hygiene Practices
Shruti Trivedi	1	College	FLUTTER-BASICE, Hands on workshop by GDSC
Vaibhav Ubhadiya	1	College	

### IIRS Outreach Programmes

Remote Sensing and Geoinformation Science have become backbone to many location-based services and decision-making systems emerging in the New Information Economy. Under a noble objective to promote of Remote Sensing & GIS Technologies & Applications, IIRS (Indian Institute of Remote Sensing) - ISRO had conducted many Online Outreach Programmes in which EC students and faculty members had successfully participated for their knowledge enhancement under our Institute as a Nodal Center of IIRS Outreach Programmes.

- ❖ Space Science Technology & Awareness Training Programme (START) -2023 from 20-7-23 to 7-8-23

Sr. No.	Registration No.	Name	Sem
1	202330011923919	Bansari Undhad	7
2	202330011919639	Aastha Bhatt	7
3	202330011926056	Zenil Dodhiya	7
4	202330012034194	Dipali Mehta	7
5	202330012034038	Hem Vadodariya	7
6	202330012034140	Saumya Vyas	7

- ❖ 120th IIRS Outreach Programme on Satellite Metrology Applications in weather and climate studies 7-8-23 to 11-8-23.

Sr. No.	Registration No.	Name	Sem
1	20231202074644	Dr. Charmy Changela	Faculty
2	20231202072685	Shivani Patel	5

- ❖ 122nd IIRS Outreach Programme on Basics of Remote Sensing, Geographical Information System and Global Navigation System 28-8-23 to 17-11-23.

Sr. No.	Registration No.	Name	Sem
1	20231222096727	Shivani Patel	5
2	20231222151371	Prachi Rekvar	5

- ❖ 125 IIRS Outreach Programme on Overview of Space Technology from 14-9-23 to 28-9-23

Sr. No.	Registration No.	Name	Sem
1	20231252174488	Mourya Vadera	1
2	20231252174347	Shruti Trivedi	1

- ❖ 126 IIRS Outreach Programme on Global Navigation Satellite System from 25-9-23 to 6-10-23

Sr. No.	Registration No.	Name	Sem
1	20231262183014	Krishna Makadia	1
2	20231262187466	Devangi Sankharva	1

- ❖ 1036th IIRS Outreach Programme on "Monitoring Forest Disturbances using Geospatial Technology" on 4-10-23

Sr. No.	Registration No.	Name	Sem
1	202310362193682	Dr Dipesh Kamdar	Faculty
2	202310362193238	Ishika Mungara	5

- ❖ 1035 IIRS Outreach Programme on "Edicovariance Techniques for Ecosystem studies" on 22-12-2023

Sr. No.	Registration No.	Name	Sem
1	202310352302900	Prachi Rekvar	5

## Blood Donation

This year, Blood Donation Camp was organized by our Institute on 20-10-2023. This Camp was organized with indeed a noble purpose to help needy people to access safe blood when required. One blood donation can save 3 lives which is indeed a very significant contribution to society. EC students had enthusiastically participated in this camp and donated their blood.



Zenil Mehta (7<sup>th</sup> sem), Yash Patel (7<sup>th</sup> sem), Punit Bhavsar (7<sup>th</sup> sem), Tanish Aghera (3<sup>rd</sup> sem) and Niraj Umarethiya (3<sup>rd</sup> sem) donated blood for noble cause.

# Industrial Visits

**Industrial Visit at Gopal Namkeen Pvt. Ltd by 1<sup>st</sup> EC students with Prof. Sheron H. Christy on 22-7-2023.**



During the visit to Gopal Namkeen, initially the students observed that there was a good care taken for hygiene as they were given a disposable hat to prevent any hair falling into the product. They learnt how they save energy and resources by putting raw materials on the top floor and processing food at the middle floor and packing on the ground floor; so, the energy is not wasted in transporting products.

**Industrial Visit at Giriraj Dairy by 1<sup>st</sup> EC students with Prof. Ravin N. Sardhara on 25-7-2023.**

During visit to Mahi Dairy, students got to know that how the milk testing laboratory is the heart of the whole factory as quality is their utmost priority. Additionally, they got to know how they separate milks from low fat to high fat. They learnt how they make curd with exact same taste every time, as they first kill all the bacterial and then add the required bacteria to make curd.



## **Industrial Visit at Welit Automation by 3<sup>rd</sup> and 5<sup>th</sup> EC students with Dr. Dipesh Kamdar on 23-10-23.**

WELiT Solutions is listed under audio visual consultant, home automation company, home cinema installation category, tells more about the wide range of speakers under audio visual falling according to area and place having Hi Fi Dolby 5/7 Atmos sound systems in cinema/ home theatre. WELiT Solutions also has huge expertise on home automation and smart techniques which can remotely controlled through all the device, eg: to make glass transparent or opaque by just a single touch of button.

It was good opportunity for students to view and become aware of the wide range of applications of controllers, their wiring and their connections and mathematical solutions, how home automation works at different areas, about their devices and newly launched technology.

They observed various home automation products like different types of automation switches, automated lights which work on voice detection as well as wireless communication. Additionally, they also had a visit to home theatre system with latest technology, lightings and automated sound system.





# Seminars

## **An Expert Session on "Current Scenario for Electronics and Communication branch and Required Skill Set for Career Grooming" by Dwijen Pandya on 3-8-2023.**

Mr Dwijen Pandya took the session who is an expert from the core multinational company of EC branch - Qualcomm (RF Post Silicon Verification domain) and it is a matter of immense pride for us that he is our department's Alumni of 2007 batch. This great learning session was organized by EC department for the pre-final year and final year students of Electronics and Communication branch.



He discussed about his journey from being graduate to being in the position where he is. About Career opportunities and responsibilities in the RF Field, 5G inception journey in Qualcomm, Upcoming multiple opportunities in Gujarat in the field of chip production, development and packaging and testing related to chip. He also explained how much you need programming in industry as a skill, TSMC role to semiconductor technology, fabrication and packaging. Automated chip made in india used now a days in nexus, BMW, tata harriar , Mahindra 700 and many more. He talked about one of the top semiconductor company Micron Technology Inc. steps towards Gujarat and what they will do and what they will require.

# Technical Events

## "TECHNOLUTION"

It is said that:

“Curiosity is the wick in the candle of learning.”

An event was organized by the Electronics and communication department on discussion about Semicon India 2023, for the 5<sup>th</sup> semester students.

Student participated with much passion and intentness and discussed about all the sessions of 3 day conference held at Gandhinagar on Semicon India 2023 from 28<sup>th</sup> to 30<sup>th</sup> of July - \*CHARKHA TO CHIPS\*

Three Groups were divided in according to the sessions per day of the conference. Here students implemented their thoughts and ideas for the manufacturing of semicon chips in India, also about it's requirements in various sectors of manufacturing semicon wafers, about how important is semicon chips worldwide and why every country cannot implant semicon wafers, about the foreign companies who invested in India for the plantation of semicon chips, and about its effects and benefits for the upcoming Electronics and communication engineers, therefore everything was discussed from their machineries to packaging the product.

Hosts for the event were: Shivani Patel and Yash Ramoliya.



## Activities



### Orientation of 5<sup>th</sup> EC students on 31-7-23 by Dr. Sneha A. Pandya

The Pre-Final year of Electronics and Communication engineering began with the utmost enthusiasm and determination to become successful.

The Orientation was held instructing them about the importance of discipline, work to be done for their bright career and placements and about their subjects of the pre final year.

The students were given best wishes for their new learning in upcoming Semester.



## Parents meeting

Department of Electronics and Communication had organized Parents Meeting for 1<sup>st</sup> sem students. In this meeting, our respected HOD Sir Dr. Paresh M. Dholakia had addressed all parents with current activities of our EC Department, efforts put behind students by our Faculties for their overall development and subjective performance and career perspective guidance for all students. The Parents were conveyed the attendance of their son/daughter as well as their subjective Mid Sem Result. Hence, the meeting was very informative and fruitful to all Parents as they became aware of their son/daughter's performance.



## Motivational Quote

*"An equation for me has no meaning unless it expresses a thought of God."*

*~Srinivasa Ramanujan*



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