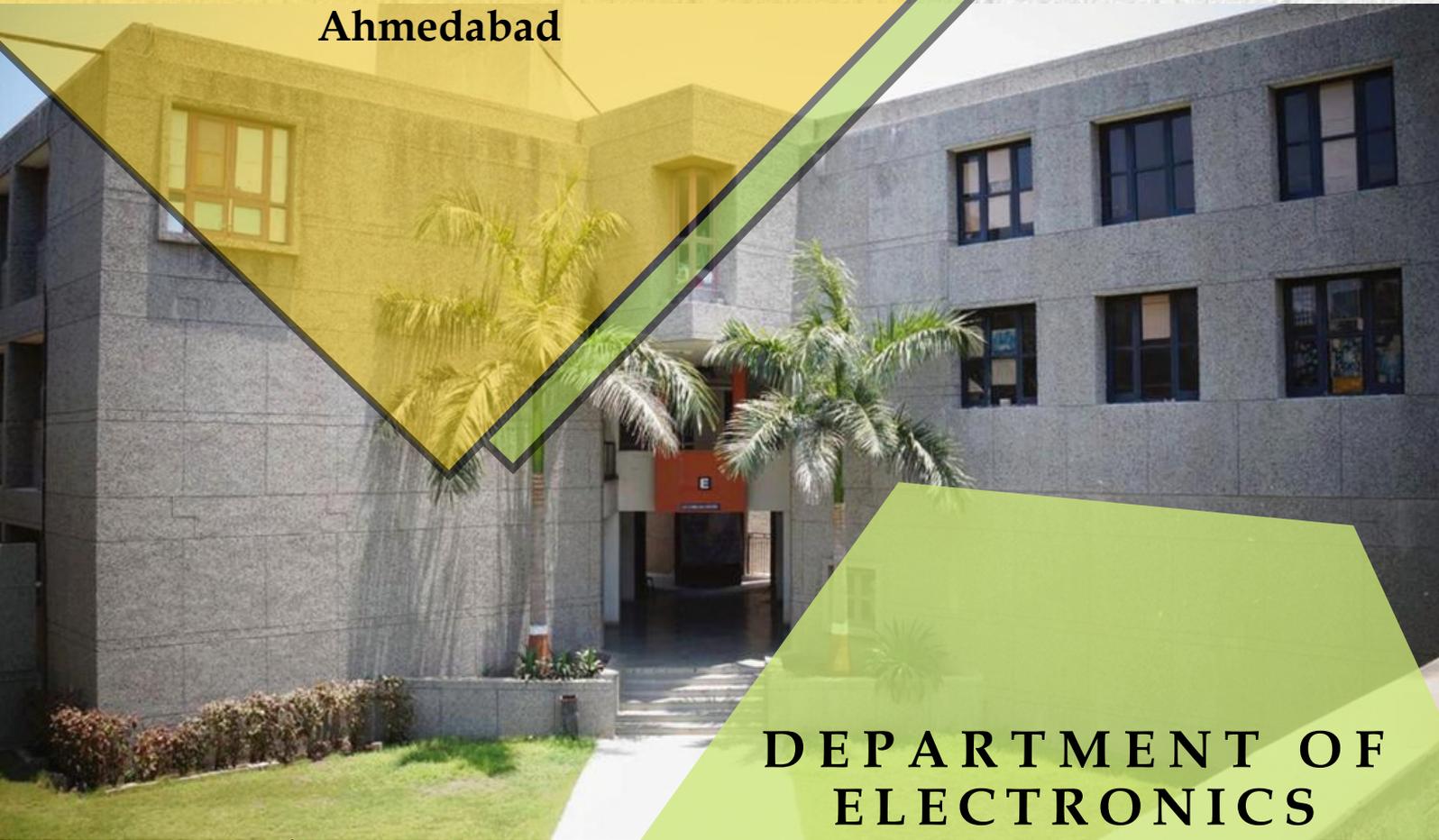




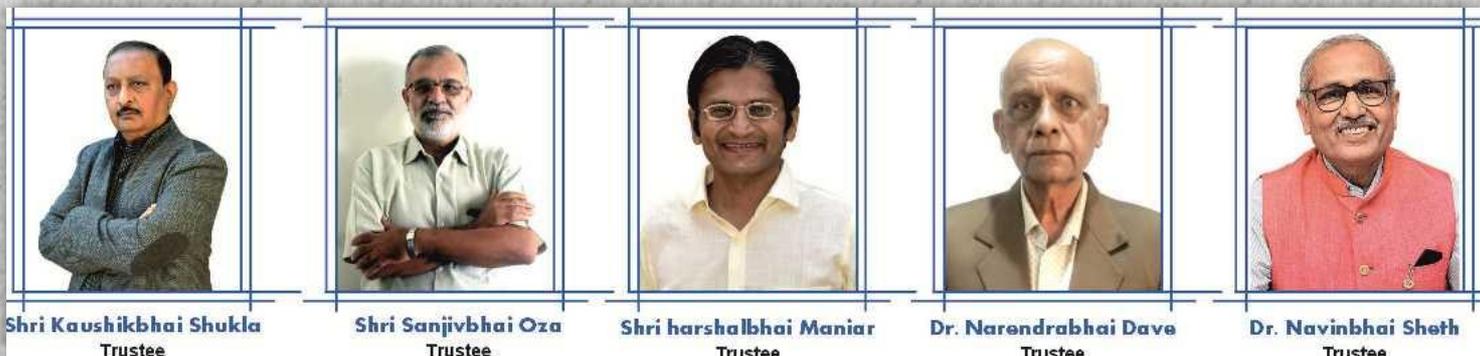
V.V.P. ENGINEERING COLLEGE

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.



Prof. (Dr.) Piyush B. Vanzara

Message from Principal

At V V P Engineering college, our vision is to transform our students into competent professionals by nurturing intellectual curiosity, inspiring creativity, and equipping students with the knowledge and skills needed to thrive in an ever-evolving world. We aim to be an exemplary institution that empowers individuals to reach their full potential, promotes interdisciplinary collaboration, and addresses global challenges.

We envision a future where our students not only excel academically but also grow as responsible and ethical leaders who contribute meaningfully to society. Our commitment to excellence in education and holistic development will ensure that our graduates are prepared to make a positive impact on the world in their respective fields and communities.

With a focus on continuous improvement, we strive to be a place where diverse perspectives are celebrated, and where all members of our community – students, faculty, and staff – work together to create a sustainable, prosperous future for all. Let us move forward with a shared sense of purpose and dedication for shaping the engineers of tomorrow.

ABOUT V.V.P. Engineering College

Vyavasayi Vidya Prathishthan 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 in to 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.

INDEX

Sr. No.	Content	Page no.
1	Glimpses of Training & Placement	1
2	Results	3
3	Staff Achievements	4
4	Student Achievements	9
5	Student Participation	10
6	Industrial Visits	16
7	Alumni Interaction	17
8	Workshops	19
9	Seminar	20
10	Technical Event	20
11	Activities	21
12	Motivational Quote	25



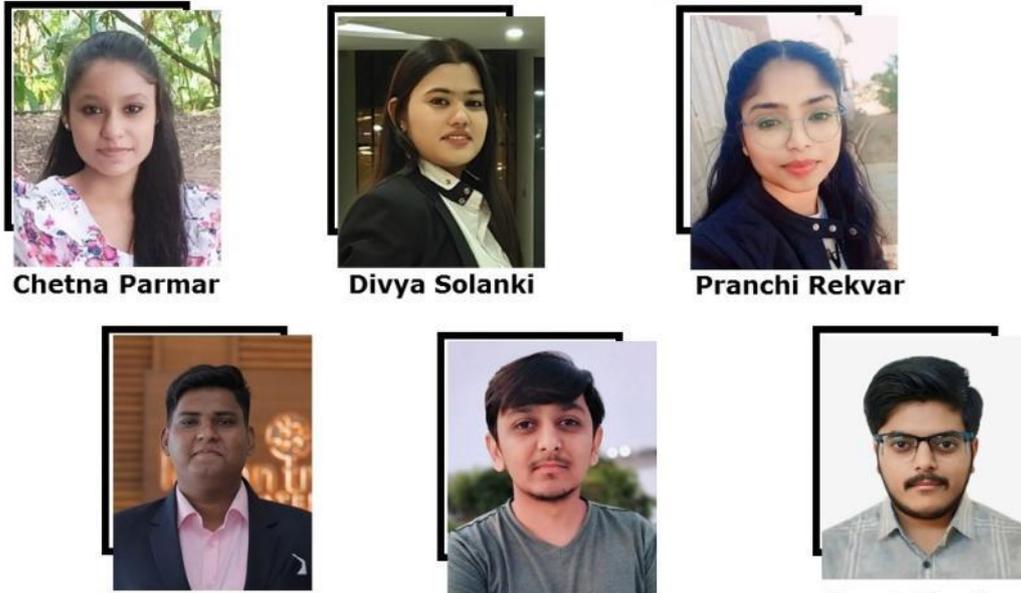
Glimpses of Training & Placement Cell

Placement of 2024 batch

Congratulations !!!

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

eInfochips Placement 2025



Chetna Parmar **Divya Solanki** **Pranchi Rekvar**

Khris Vaz **Ravi Vaghasiya** **Harsh Pandya**

Congratulations

“Training & Placement Activities”



eInfochips an ARROW Co., Ahmedabad selected 7th semester students Hemanshi Katariya, Chetna Parmar, Khris Vaz, Chandni Rav, Harsh Pandya, Chintan Parekh, Divya Solanki and Dhartik Vasani from EC 2025 batch for summer internship.

Nikhil Parmar of 7th semester got selected in ISRO, Ahmedabad for summer internship.

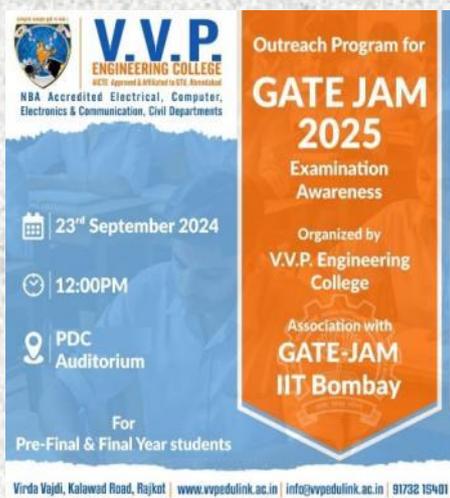
A Seminar on “Interview handling techniques & CV building” on 3-09-24.



The seminar was eye opening on personal interview, as generally students are not preparing in advance for the interview. The expert Mrs. Anita John (Founder: Elegant Overseas, Rajkot) explained the Definition of CV/resume and Interview and how to prepare CV/resume, What should be with during interview and what should you dress!! Students are informed on PI etiquettes and body language also. Common Questions related to PI and PI Caveats. Students were briefed about Interview skills, Dealing with nerves and closing of interview .

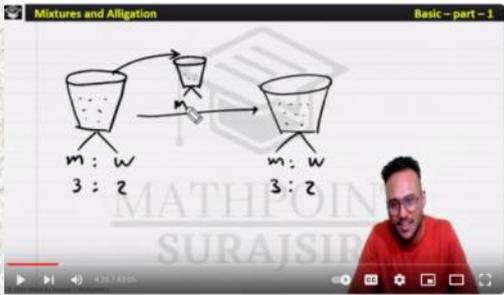
A Seminar on “Outreach Program for GATE JAM 2025 examination awareness” in association with IIT Bombay on 23-09-24.

To give a light on there is a very good initiative from college and IIT Bombay to create awareness on the GATE examination as it is about to conduct after 4 months. The presentation was nicely presented in the form of already existing questionnaire like What is GATE ? , Who can appear in GATE ? , Who conduct GATE exam? Why GATE ? , Benefits fo GATE ? The expert briefed about application process, exam centre, scholarships and FAQs related to GATE. The content of seminar was very effective and very informative about GATE exam. Students get to aware about all FAQs related GATE exam.



A Seminar on “Aptitude awareness and Basic of Mixture and Allegation tricks a demo session” on 7-08-24.

Expert Mr. Suraj Makwana (Founder, Mathpoint, Rajkot) explained Aptitude and reasoning importance in placement drive and competitive exams like SAT, GRE and GMAT. There was a demo session on Basic of Mixture and Allegation and how to solve question related to the same.



GTU Results

8th Sem Result: 100%

30 students secured 10 SPI.

6th Sem Result:

3 students secured 9 above SPI & 8 students got 8 above SPI.

4th Sem Result:

2 student secured 8 above SPI and 3 students got 7 above SPI.

2nd Sem Result:

3 students secured 8 above SPI and students got 7 above SPI.

Staff Achievements

Research papers presented/published

1. Dr. Paresh Dholakia published a paper on " Development of efficient and sustainable water supply systems for the LAWN using IOT." in National level Pragna Sabha Conference : Sustainable water Solution for Saurashtra and Kutch region, ISSN NO : 2347-3150.
2. Dr. Charmy Patel, Dr. Sneha Pandya and Dr. Vishal Nimavat published a paper on " Wimax simulation and comparative analysis of performances for Rural, urban and sub urban environment" in International Journal for innovative research in multidisciplinary field, ISSN NO : 2455-0620.

FDP

1. Dr. Charmy Patel attended one day National level online FDP on "Scenario development for climate change" organized by Education department Government of Gujarat on 4-12-24.
2. Dr. Charmy Patel attended 6 day National level online FDP on " Power Electronics Applications in Microgrid using AI" organized by AICTE during 9-12-24 to 14-12-24.
3. Dr. Jignesh Joshi attended 5 Day National Level online FDP on "AI/ML for Geodata Analysis" organized by Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun during 19-08-24 to 23-08-24.
4. Dr. Paresh Dholakia, Dr. Jignesh Joshi, Dr. Sneha Pandya and Dr, Vishal Nimavat attended 1 Day State Level FDP on " Change the lens, change the life " organized by BAPS, Rajkot in association with GTU on 12-08-24.
5. Dr. Jignesh Joshi attended 30 Day National Level online FDP on " Internet of Things" organized by Skill Dzire, Swayam Plus during 1-09-24 to 30-09-24.
6. Prof. Sheron Christy attended 12 weeks Nptel - AICTE online certification and FDP program on "Microelectronics : Devices to Circuits" organized by NPTEL Swayam, IIT Roorkee during 1-07-24 to 31-10-24.
7. Mr. Dhirendrasinh Jadav attended National Level EDX-IBM Online Certification program " Machine Learning with Python: A Practical Introduction" organized by Institution:IBM during 14-11-24 to 28-12-24.

Workshop

1. Dr. Jignesh Joshi attended a National level online workshop on " Data Analytics & AI" organized by Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut on 15-06-24.
2. Prof. Ravin Sardhara and Prof. Nirmal Bhalani attended a National level online workshop on "Raman Spectroscopy and its Applications in Earth Observation" organized by Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun on 24-12-24.
3. Mrs. Asha Upadhyaya attended a National level online workshop on " Data Analytics & AI" organized by Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut on 15-06-24.
4. Mr. Paresh Patel attended a state level workshop on "Exploring The World Of Sensors With Arduino" organized by Saurashtra University during 19-12-24 to 20-12-24.

Seminar

1. Prof. Sheron Christy attended a National level Seminar on " National Space Day Celebration" organized by Space Application Centre, ISRO , Ahmedabad on 31-08-24.
2. Mr. Sanjay Patel attended a webinar on "Wonders of Gujarat" organized by Knowledge Consortium of Gujarat, Education Department, Government of Gujarat on 21-08-24.
3. Mr. Sanjay Patel attended a webinar on "Debunking Mythology" organized by Knowledge Consortium of Gujarat, Education Department, Government of Gujarat on 4-10-24.
4. Mr. Sanjay Patel attended a webinar on "Employability Skills" organized by Knowledge Consortium of Gujarat, Education Department, Government of Gujarat on 11-10-24.
5. Mr. Sanjay Patel attended a webinar on " Positive Attitude for Professional Excellence" organized by Knowledge Consortium of Gujarat, Education Department, Government of Gujarat on 19-10-24.
6. Mr. Dhirendrasinh Jadav attended a webinar on "Shielding Against Monsoon Diseases: An Expert Advice" organized by Knowledge Consortium of Gujarat, Education Department, Government of Gujarat on 11-07-24.
7. Mr. Dhirendrasinh Jadav attended a webinar on "Leveraging Technology for Research and Instruction in Higher Education" organized by Knowledge Consortium of Gujarat, Education Department, Government of Gujarat on 2-08-24.

8. Mr. Dhirendrasinh Jadav attended a webinar on “Leveraging Technology for Better Educational Outcomes” organized by Knowledge Consortium of Gujarat, Education Department, Government of Gujarat on 3-08-24.
9. Mr. Dhirendrasinh Jadav attended a webinar on ““Block Chain”” organized by Knowledge Consortium of Gujarat, Education Department, Government of Gujarat on 31-12-24.

Recognition of Staff

1. Dr. Paresh Dholakia appointed as PhD Supervisor and DPC member for Research Scholars at GTU and Atmiya University.
2. Dr. Paresh Dholakia gave technical book talk on book ""Digital Signal Processing" by Shalivahan on 30-11-24.



3. Dr.. Jignesh Joshi appointed as DPC Member for Research Scholar of AITS University (IoT) and GTU (Network).
4. Dr.. Dipesh Kamdar appointed as DPC Member (thesis review and defense) for Research Scholar of GTU Thesis Review and Phd Defense at Atmiya University.
5. Dr. Dipesh Kamdar conducted session on "Transform Learning in Machine Learning and Deep Learning" at Atmiya University, Rajkot on 6-8-2024 in SIF 2024 under Vigyan Gurjari.



6. Prof. Sheron H. Christy attended National Space Day Celebrations at SAC Ahmedabad on 31-8-24.



Prof. Sheron @ SAC,Ahmedabad

Dr. Sneha @ Saurashtra University

7. Dr. Sneha Pandya delivered an expert lecture on " Roots & Wings: Skill Education for Cultural Preservation & Innovation" in the refresher course conducted by UGC on "VIKSIT BHARAT THROUGH SKILL DEVELOPMENT" on 11-9-24.
8. Dr. Sneha Pandya delivered an expert lecture on "Science in Bhartiya traditions and presentation of Bhartiya Culture" in the faculty induction program 'GURU DAKSHATA' conducted by UGC on 25-9-24.
9. Dr. Sneha Pandya delivered an expert lecture on "Science in Bhartiya Traditions and Presentation of Bhartiya culture" in the refresher course conducted by UGC on 19-12-24.

10. Prof. Ravin Sardhara and Prof. Nirmal Bhalani delivered an expert lecture on " Exploring the World of Sensors with Arduino" in Saurashtra University during 19-12-24 & 20-12-24.



Staff Achievements

1. Dr. Jignesh H. Joshi and Dr. Dipesh G. Kamdar received Grant worth Rs. 1,00,000/- approval for Online ATAL FDP on "Next Gen AI ML & IoT".
2. Prof. Sheron H. Christy recognized as Top 2% topper and received Elite+Gold Badge in NPTEL Course on "Microelectronics:Devices to circuits" in July-October 2024.
3. Dr. Paresh M. Dholakia received Award of HOD of year 2024 in the sixth National Education Excellence Conclave cum Eighth National Excellence Award Ceremony organized by Integrated Chambers of Commerce and Industry (ICCI) at India International Centre, New Delhi.



4. Dr. Dipesh G. Kamdar received Nation Builder's Award from Rotary Club of Rajkot Prime on 5-9-24.



5. Dr. Dipesh Kamdar, Dr. Jignesh Joshi and Dr. Paresh Dholakia received a patent on "AI Enabled device for detection of Alzheimer's disease".

Student Achievements

- ✓ Electronics and Communication department students Dhruvi Poker, Chetana Parmar, Harit Ashara and Mourya Vadera awarded with Dewang Mehta Award for excellence.
- ✓ V.V.P. Engineering College organized National level PragnaSabha Conference : Sustainable water Solution for Saurashtra and Kutch region on 9th September , 2024. EC students participated in this National level conference for Poster presentation. Purva Kothari, Kausee Pathak, Aesha Undhadh and Krisha Meghani received consolation prize.



Student Participation

First Year EC students Harshil Adani, Dhyey Jani and Maulik Solanki participated in this National level conference for Poster presentation.



3rd semester EC students Kushal Shankhalpara, Vaibhav Ubhadiya, Krishna Makadia, Dhey Jani, Abhishek Chauhan, Kanishk Lakhani participated in National Space Day Celebrations at PRL, Ahmedabad on 12-8-24.



The Indian Institute of Technology (IIT) Bombay is hosting a workshop at its Techfest from December 17–19, 2024. Dhyey Jani and Hetvik Shah attended workshop in Machine Learning at IIT Mumbai 16-12-24 to 17-12-24. Hetvik Shah also attended workshop on Artificial Intelligence at IIT Mumbai during 18-12-24 to 19-12-24.



FYEC students enthusiastically have designed and successfully implemented Projects at Small-scale level on a Self-Learning Mode. Project Entitled “Bluetooth Car” was prepared by Abhishek Makwana, Kanishk Lakhani and Nensi Majewadiya. One more project entitled “Text Scrolling on a 16*2 LCD Display with Arduino” was prepared by Aditya Talsaniya.



Red Fm organized “College Ke Tashanbaaz” in V.V.P. College campus Where students showcase their dazzling talents in dance, singing, poetry, and stand-up comedy. In this event Yash Ramoliya of 7th EC & team won "College k Tashanbaaz" for dance talent on 14-09-24.

Sports Activities

In **Spirit - 2024** (indoor games) Harit Ashara of 5th EC became Champion in Chess (Boys) 17-9-24. He played zonal level tournament at Jamnagar and GTU state level also.

FY EC students Hina Dhammar and Janvi Pedhaniya participated in GTU interzonal Handball Tournament on 19-10-24.



Co curricular & Cultural Activities:



Shruti Trivedi (3rd sem) secured first position in well dressed Princess in Rasostav on date 19-10-2024.

WDC Activities

EC Girls participated in Rakhi Making Competition 2024 by WDC Cell on 14-8-24.



First year EC girl students participated in Diwali Rangoli Competition organized by WDC cell on 22-10-24.



Participation in Cultural Events

V.V.P. Engineering College has organized cultural program "Navrang - 2024" on 10-08-25. EC students participated in various performances.

Sr.No.	Student Name	Sem	Participation
1	Aditya Raval	5 th	Music Categories-Light Vocal (Indian) Dance Categories-Folk/Tribal
2	Aditya Talsania	1 st	Theater Categories-Skits Theater Categories-Mimicry
3	Janvi Pedhadiya	1 st	Theater Categories-Mimicry Theater Categories-One Act Play Theater Categories-Skits

Sr.No.	Student Name	Sem	Participation
4	Nensi Majejadiya	1 st	Fine art Categories-Photography Fine art Categories-Collage, Literature Categories-Debate
5	Prachi Rekvar	7 th	Dance Categories-Folk/Tribal Dance Theater Categories-One Act Play, Music Categories-Group Song (Indian), Literature Categories-Essay Writing
6	Harshil Adani	1 st	Theater Categories-Skits Theater Categories-Mime
7	Meet Kachhadiya	1 st	Fine art Categories-Installation Fine art Categories-Photography, Fine art Categories-Collage, Fine art Categories-Poster Making
8	Purva Kothari	1 st	Theater Categories-One Act Play
9	Aesha Undhad	1 st	Fine art Categories- Mahendi
10	Kanishk Lakhani	1 st	Theater Categories-Mime Fine art Categories-Poster Making
11	Hina Dhammar	1 st	Music Categories-Light Vocal (Indian) Theater Categories-Skits
12	Abhay Madhuda	1 st	Theater Categories-Skits
14	Keshvi Fefar	1 st	Theater Categories-Skits
16	Krishna Makadia	3 rd	Literature Categories-Quiz
17	Kushal Shankhalpara	3 rd	Literature Categories-Essay Writing Literature Categories- Debate Literature Categories - Quiz
18	Vaibhav Ubhadiya	3 rd	Literature Categories-Quiz
19	Kausee Pathak	1 st	Dance Categories-Classical Dance (Indian)
20	Harshil Joshi	1 st	Theater Categories-Skits
22	Shruti Trivedi	3 rd	Theater Categories-Skits Theater Categories-One Act Play,Literature Categories-Elocution

IIRS Outreach Programmes

Remote Sensing and Geo-information 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. (Ms. Sheron Christy is the coordinator for all these programs.)

Department of EC Students IIRS participation

- ❖ 1038 IIRS Programme on Potential of NISAR for disaster mitigation and management on 24-7-2024.

Sr. No.	Name	Sem
1	Tanish Aghera	5 th

- ❖ 145 IIRS Outreach Programme on LiDAR data processing and applications 5-8-2024 to 16-8-2024.

Sr. No.	Name	Sem
1	Aarzu Mukeshbhai Bagada	7 th

- ❖ 147 IIRS Outreach Programme on Remote Sensing and Digital Image Analysis from 27-8-2024 to 20-9-2024.

Sr. No.	Name	Sem
1	Ubhadiya Vaibhav Pintubhai	3rd

- ❖ 149th IIRS Outreach Programme on Overview of Global Navigation Satellite System from 23-9-24 to 4-10-24.

Sr. No.	Name	Sem
1	Vadera Mourya Dhirenbai	3rd
2	Ubhadiya Vaibhav Pintubhai	3rd

- ❖ 1041 IIRS Outreach Programme on "Space inputs for village-level crop assessment" on 28-10-2024.

Sr. No.	Name	Sem
1	Ubhadiya Vaibhav Pintubhai	3rd

- ❖ 152 IIRS Outreach Programme on Overview of Geocomputation and Geo web services from 4-11-24 to 8-11-24.

Sr. No.	Name	Sem
1	Ubhadiya Vaibhav Pintubhai	3rd

- ❖ 153 IIRS Outreach Programme on RS & GIS Applications in Natural Resource Management from 11-11-2024 to 22-11-2024.

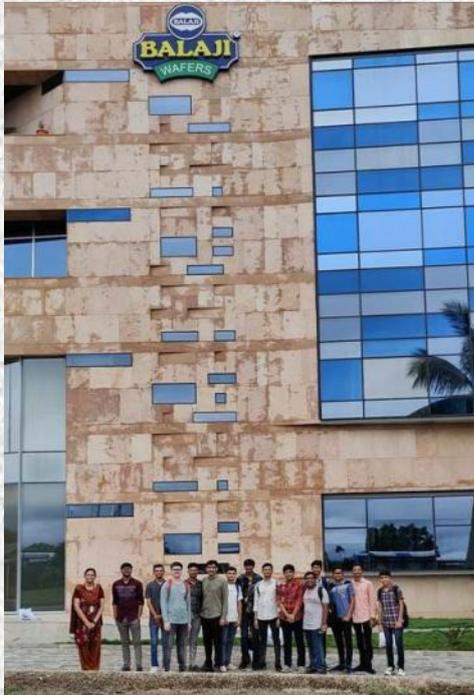
Sr. No.	Name	Sem
1	Kausee Bhushan Pathak	1st

- ❖ 154th IIRS Outreach Programme on Geo-data sharing and cyber security from 9-12-2024 to 20-12-2024.

Sr. No.	Name	Sem
1	Kausee Bhushan Pathak	1st

Industrial Visits

Industrial Visit at Balaji Wafers Pvt. Ltd. (1-7-24) , Gopal Snacks (2-7-24) and Evita Foods Pvt. Ltd (8-7-24) by FYEC students with Prof. Sheron Christy



During the visit to these companies initially the students observed that there was a good care taken for hygiene. They observed how all automatic plant works. They learnt how they save energy and resources by putting raw materials and processing food and packaging.



Industrial Visit at MY FM by 5th and 7th Semester EC students with Dr. Paresh Dholakia on 21-10-24.

Students of 5th sem and 7th sem from EC Department visited MY FM radio station located at Sadhu Vasvani Road , Rajkot , to gain practical insights into the operations and workings of an FM radio station. The visit aimed to provide students with hands-on experience in FM radio broadcasting, enhance their understanding of media production, and expose them to the technical aspects involved in running a radio station. This report outlines the activities undertaken during the visit and the knowledge acquired by the students.

The visit began with a briefing session, where the station manager, Mr Ankit Shah, introduced the students to the overall structure of the FM station, including its programming, audience demographics, and station goals. The students were then taken on a tour of the station's key areas, such as the broadcast room, control room, and the sound production area. They met RJ Hirva & RJ Ajay at the FM station.



Students gained practical insights into the inner workings of a radio station, learned about the various technical roles involved, and experienced the live production environment. This experience will be beneficial to their academic and professional growth, as it equipped them with both theoretical and practical knowledge of media production. The visit also sparked interest among students about potential careers in radio broadcasting and media production.

Industrial Visit at Circuit Nodes by 3rd Semester EC students with Dr. Jignesh Joshi on 22-10-24.



Circuit Node Technologies is a renowned Manufacturer of premium quality range of Aluminum PCB, Single Sided PCB and Double Sided PCB. The founder of the company explained the process to design the Prototype board and their all units for mass production of PCBs. At last there was Q and A session in which students who are interested in the business they came to know about investment, machinery cost, profit, problems and current trends in PCB design.



Alumni Interactions



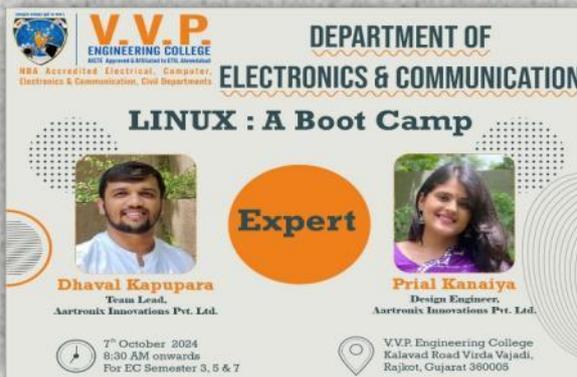
Alumni Interaction Astha Bhatt on 29-06-24

Astha Bhatt (alumni 2024) interacted with 1st year students and share her experiences with new comers. She guided them for their career.

Workshops

One day workshop on “LINUX : A Boot Camp” in collaboration with Aatronix Embedded System Pvt. Ltd., Rajkot on 7-10-24.

With valuable feedback of 2024 batch Alumni Daksh and Sumit , who are working with e-Infochips and Volansys as an embedded system designer) and suggestion Mr. Hemal Shah, Training Head (during campus 2025 visit), Electronics and Communication Department arranged one day workshop to make students aware on LINUX environment. Students learnede about LINUX environment, basic commands, terminal window, file management, Inter process communication using thread and fork, GITHUB introduction, installation and project upload. Overall nice session conducted by the experts Mr. Dhaval Kapupara (Team Lead) and Miss. Prial Kanaiya (Design Engineer) from Aatronix Embedded System Pvt. Ltd., Rajkot. A hands-on learning experience is also provided by the experts.



Seminars

Seminar on Overseas Education by Mr. Imran from Krishna Consultant on 31-7-24.

In this seminar 4th semester and 6th semester students participated. In this seminar student were guided on country selection for higher education and University selection criteria once country is selected. Mr. Imran also explained different types of Tests and its importance and Roll of Consultant in overseas education



Technical Events

Department Level Research Paper Writing Competition held on 4-9-24.

This program provided a platform to students to develop interest in Research Paper reading & writing. This event was coordinated by Dr. Sneha A. Pandya and Prof. Sheron H. Christy. Total 2 papers from 7th EC students, 3 papers from 5th EC students 4 papers from 3rd EC students were presented.



Sr. No.	Paper Title	Students Name
1	Space Debris-The New but deadly problem	Khris Vaz
2	Embedded Systems: A comprehensive Review and Application	Prachi Rekvar & Eshita Katrodiya
3	From MOSFET to FinFET Technology	Harit Ashara
4	A comprehensive review on Embedded Systems and Applications	Tanish Aghera
5	Fire Alarm detector using Arduino	Yuvika Narvane, Om Doshi & Niraj Umretiya
6	Study on advance driver assistance system on Global and Indian	Mourya Vadera & Vaibhav Ubhadiya
7	Development & Evaluation of an AQI value taking system	Dixit Khokhar
8	A comprehensive Review on data security and privacy	Kushal Sankhalpara & Krishna Makadia
9	A review of time travel -Fact or Fiction	Shruti Trivedi & Vishva Katrodiya



Students had effectively written Research Paper along with Plagiarism check. Students learnt to read various Research Papers of their domain of interest & write their own Research Paper. They were able to present the Research Paper which has improved their Communication Skills.

Activities

Orientation (commencement of new semester)

All the faculty members welcome students for new semester. They were explained the importance of Vision, Mission, Program Objectives, PEOs and PSOs of our Department from NBA Perspective initially. The Students had been given insights regarding their academic term, various subjects, semester projects, Chalk and talk seminars, Research Paper Writing and

technical events. The students were appreciated for their achievements during past semester by certificates. The appreciation was done in the categories of Academic Excellence, Aptitude Exam, Chalk & Talk seminar presentation as well as Projects. The students were advised to improve their communication skills and attend online courses in addition to their academics to enhance their technical skills. This orientation was held on 15-7-2024 for 3rd and 7th semester students, 22-7-2024 for 5th semester students.



Orientation of 3rd EC students on 15-7-24



Orientation of 5th EC students on 22-7-24

Parents' Meeting for 7th, 5th and 3rd semester students on 26-10-24.

Department of Electronics and Communication had organized Parents Meeting for for 3rd, 5th and 7th semester 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 Semester exam Result. They were glad to know about their children's academic progress in this meeting and about various aspects and dimensions carried out for the 360-degree development of their kid. Matters like training and placement and contributions from college in the growth of their kids helped them become stress free. Hence, the meeting was very informative and fruitful to all Parents as they became aware of their son/daughter's performance.

Krutgyata Din (Back to School)

As per the unique tradition of only our Institute, the First Year EC students had visited their alma mater, their schools where they took education till 12th on this day.



They met all their teachers and took their blessings for future. Their teachers were really delighted to see them all and have appreciated our Institute for motivating their students to visit their Schools.

Students learnt to pay gratitude to their teachers by visiting their Native Schools.



Motivational Quote

**Forget not that
the grossest
crime is to
compromise with
injustice and
wrong.**

**Remember the
eternal law: you
must give, if you
want to get.**



V.V.P. Engineering College



Virda Vajadi,
Kalawad Road,
Rajkot, Gujarat-360005
Contact us :E-mail: info@vvpedulink.ac.in
Website: www.vvpedulink.ac.in

Prepared by: Prof. Sheron Christy (Assistant Professor)
Asha Upadhyay (Lab Assistant)

Student Coordinator : Yuvika Narvane (220470111011)
Shivani Patel(210470111008)

Published by: Department of Electronics & Communication