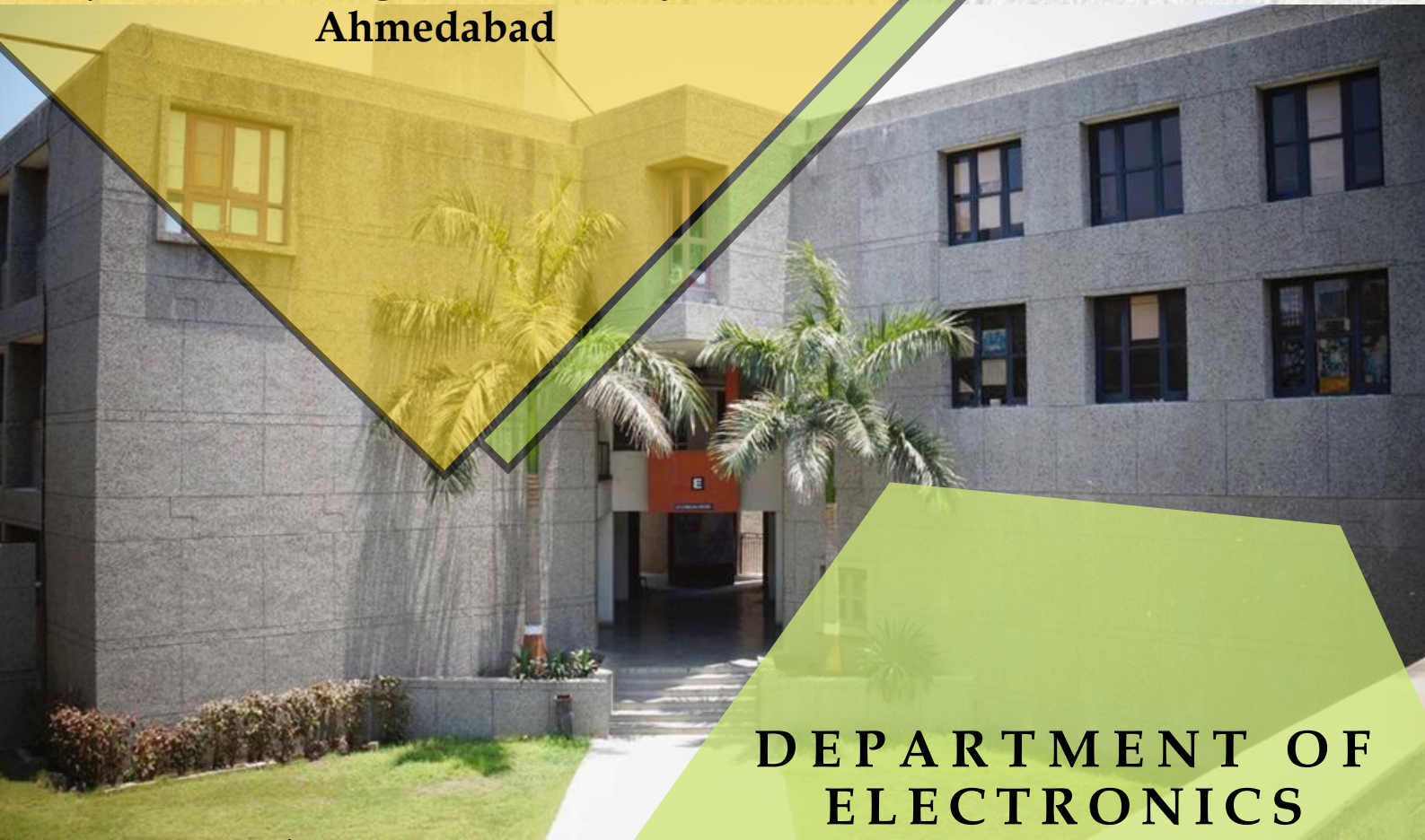




V.V.P. ENGINEERING COLLEGE

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



DEPARTMENT OF
ELECTRONICS
AND
COMMUNICATION
ENGINEERING





Shri Lalitbhai Mehta

**Message from
Chairman - Governing Body**

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 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	6
5	Student Participation	8
6	Industrial Visits	9
7	Seminars	11
8	Workshops	12
9	Technical Events	13
10	Activities	17
11	Motivational Quote	20




Glimpses of Placement

V.V.P. Engineering College-Rajkot
Department of Electronics & Communication


Placement of 2023 Batch




Naman Padaliya
Wey Bee




Ayush Savaliya
Matrix




Hitarthi Vekariya
Matrix




Gautam Joshi
Cerium Systems




Dhira Gokani
Cerium Systems




Jeet Chachdiya
Cerium Systems




Md. Adnan Popatpotra
Scaledge



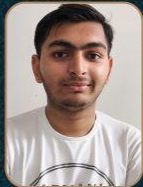
Dhairya Vyas
Scaledge




Satyajeet Sakariya
Scaledge




Diti Kelaiya
e-infochips




Bhavik Solanki
e-infochips




Stuti Joshi
e-infochips




Parthvi Umaretiya
Glide Technology




Raj Shekhda
Volansys



Vidhi Radhanpura
Alpha numero



Sagar Bhatt
Annex



Abjal Vishal
Jyoti Automation

**17 Students Have Been Placed in
 Esteemed MNCs During 7th Semester**

**Campus Placement 2023 batch
 Visited companies**

Weybee	Tatvasoft	RKIT	Elluminati	Broadwave
Simform	Noovosoft	Meditab	WebOccutt	Extentia
OpenFive	Cerium Systems	Matrix	Scaledge	eInfochips
Argusoft	Volansys	Softnautics	Satva Sol	TCS
AlphaNumero	Sophos	Annex	Glide Tech	Manta ES
Aarohi	River Edge	Pathshala	Vodafone	Yudiz
Cybercoam	42gears	Silent Info	Solute Tech	Argusoft

Placement by Alumni Support

Department of Electronics and Communication Engineering is thankful to our Alumni.

1. Ronak Bhatt – EC 2017: Ronak Bhatt referred two students 2021 batch in Samsung R and D, after completion of their personal interview Zenab got selected in Samsung R and D with package of 16 LPA.
2. Ashish Shukla – IT 2007: Ashish Shulka referred VVPEC to Extentia HR team. Extetia Staged Campus drive for 2022 and 2023 batch – all branches for placement in two technical profiles with package of 4.3 LPA to 5.5 LPA. Binal Mehta – EC 2022 batch got selected after the campus drive.
3. Nisarg Chhaya – EC 2021: Nisarg Chhaya guided 2023 batch students for the preparation of Cerium System Campus Drive 2023 batch and three students (Jeet Chachadiya, Gautam Joshi and Dhira Gokani) got selected with package of 3.5 LPA.
4. Harsh Vyas – EC 2019: Harsh Vyas referred VVPEC for the campus drive 2022 batch for placements. EC and EL 2022 batch eligible and appeared, finally EL student got selected in Synapse Design with package of 5 LPA
5. Dhanesh Padia and Parth Shingala EC 2017 and EC 2020 : Both alumni workig in Scaledge, they helped a lot to arrange ON campus drive and students campus placement preparation for 2022 and 2023 batch placement. Dhairya Vyas, Adnaan Popatpara and Satyajeeet got selected in Scaledge with package of 5.2 LPA.
6. Ankur Dewani – EC 2008 : Ankur Dewani guided students for current trends and industry needs of EC engineers. As well as he has given a brief on embedded systems applications, technology currently known and more. Three students (Diti Kelaiya, Stuti Joshi and Bhavik Solanki) got selected in eInfochips with package of 4.0 LPA.

Department of Electronics and Communication Engineering is very much thankful to all alumni who are supporting directly and indirectly to his or her dept.

Congratulations to 5th Semester Students for getting selected in Internship Campus Selection Drive from Aarohi Embedded System

Mr. Kalpesh Gajera and Mr. Paresh Babariya visited our Department for the selection of interns for their live projects of esteemed organization Aarohi Embedded System. Following 11 students got selected in different project.

Their internship starts from 1st February 2023 onwards.

1. PFC Topologies and It's simulation on MATLAB
 - a. Aastha Bhatt
 - b. Mansi Bhadouria
2. Fuzzy logic controller simulation on MATLAB
 - a. Sumit Lunagariya
 - b. Shubh Pandya- added from 4th project
3. Ethernet communication with Microcontroller
 - a. Taksha Rathod
 - b. Ayush Khokhara
 - c. Jeet Nathavani
4. CAN BUS communication with Microcontroller
 - a. Daksh Kakadiya
 - b. Dev Sachdev
 - c. Zenil Mehta - added from 2nd project
 - d. Dev Buddhdev - aded from 2nd project

Results

Department of Electronics and Communication secured well position in GTU results. Following students secured Ranks in top 10 in entire EC Branch of GTU.

Semester	GTU Rank (EC Branch)	Enrollment No.	Name
Sem-4	4	200470111011	BHATT AASTHA NARESHKUMAR
Sem-6	4	190470111037	VEKARIYA HITARTHI RAJESHBHAI
	5	190470111003	CHACHDIYA JEET DINESHBHAI
	9	190470111024	RADHANPURA VIDHI HEMENDRABHAI
Sem-8	1	180470111018	JADEJA JAYDEVSINH JOGENDRASINH
	5	180470111061	THACKER SHIVANG BIPINBHAI

8th Sem Result: 100%

25 students secured 10 SPI and 29 students secured 9 above SPI.

Jadeja Jaydevsinh (1st rank) & Thacker Shivang (5th rank) secured Ranks in top 10 in entire EC Branch of GTU.

6th Sem GTU Result: 94.28%

9 students secured 9 above SPI and 16 students secured 8 above SPI.

Hitarthi Vekariya (4th rank), Jeet Chachadiya (5th rank) and Vidhi Radhanpura (9th rank) secured Ranks in top 10 in entire EC Branch of GTU.

4th Sem GTU Result: 42.11%

3 students secured 9 above SPI and 8 students secured 8 above SPI.

Aastha Bhatt (4th rank) secured Ranks in top 10 in entire EC Branch of GTU.

2nd Sem GTU Result: 54.55%

3 students secured 9 above SPI and 8 students secured 8 above SPI.

Staff Achievements

Research papers presented/published

1. Dr. Dipesh Kamdar published a paper on "A comparative performance study of CNN models for Video summarization Analytics" in international Journal of Optoelectronics Laser in October 2022, ISSN No. 1005-0086.
2. Prof. Sheron Christy published a paper on "Role of Satellite Sensors in discrete in discrete phases of Disaster Management" in National Journal of Remote Sensing and GIS, ISSN No. 2230-7990.

STTPs attended

1. All Staff members attended an online GUJCOST Sponsored & IETE Supported National level STTP on " Latest Trends in Remote Sensing and GIS" organized by Department of Electronics & Communication from 25-7-22 to 29-7-22.
2. Prof. Sheron Christy attended an online national level STTP on "Recent Trends in Information Security and Privacy (RTISP-2022)" organized by Dr. B.R. Ambedkar National Institute of Technology, Jalandhar from 7-11-22 to 11-11-22.

FDPs attended

1. Dr. Paresh Dholakia, Dr. Charmy Patel, Dr. Jignesh Joshi and Dr. Dipesh Kamdar attended an FDP on "Ways to make student Industry Ready" organized by TCS and V.V.P. Engineering College on 19-7-22.

Workshops attended

1. Dr. Paresh Dholakia, Dr. Charmy Patel, Dr. Jignesh Joshi, Dr.Sneha Pandya , Dr. Dipesh Kamdar and Prof. Sheron Christy attended a workshop on "Design Engineering" organized by onnodesk and V.V.P. Engineering College from 9-7-2022 to 10-7-2022.

Seminars attended

1. Prof. Sheron Christy attended a webinar on "Remote Sensing - Bhuvan overview" organized by NRSC (National Remote Sensing Centre), Hyderabad from 12-7-22 to 14-7-22.

Recognition of staff

1. Dr. Paresh Dholakia is appointed as LIC member for Academic Inspection at B.H. Gardi College, Rajkot.
2. Dr. Jignesh Joshi is appointed as a DPC member for PhD students in GTU, Atmiya and RK Universities.
3. Dr. Dipesh Kamdar is appointed as LIC member for Academic Inspection at Smt. Shantaben Haribhai Gajera Engineering College, Amreli.
4. Dr. Vishal Nimavat and Prof. Sheron Christy had organized GUJCOST Sponsored & IETE supported online STTP on "Latest trends in Remote Sensing & GIS" from 25-7-2022 to 29-7-2022.
5. Dr. Paresh M. Dholakia secured 3rd Rank as best user of Library on National Library Day.

6. Dr. Vishal Nimavat completed 2.5 months of NCC training program at Kamthi,Nagpur.



Student Achievement

Khris Vaz (2nd EC) became winner of Extempore Elocution held on 1/6/22 by Literature Club.



Devang Mehta Awards:

Hemanshi Katariya: 1st year, Aastha Bhatt: 2nd year, Hitarthi Vekariya: 3rd year, & Jaydevsinh Jadeja: 4th year received appreciation from GTU for their excellent academic performance.

Chetna Parmar of 2nd Sem EC secured 1st Rank (Best User Library) among all EC Department students.





Dhairya Vyas of 7th Sem EC secured 3rd Rank in Quiz competition organized by CSI Chapter at Zonal Level on 25-08-22.

Dhairya Vyas & Adnan from 7th EC secured 2nd Rank in Quiz competition at Interzonal Youth Festival on 16-10-22.



Mansi Bhadouria & Aastha Bhatt of 5th EC secured 1st Rank in Department Level Research Paper Writing Competition.

Aastha Bhatt (5th EC) & Diti Kelaia (7th EC) got selected for AIU Hockey on 23-09-22.





Aastha Bhatt (5th EC) & Shivani Patel (3rd EC) got selected in AIU Basketball (GTU Basketball Runners Up).

Yash Patel (5th EC) became Prince (3rd Rank) during Rasostav on 24/09/22.



Yash Ramoliya (3rd EC) & Shivani Patel (3rd EC) secured 3rd Rank in College Level Rangoli competition organized by WDC Cell.

Student Participation

Zone and interzonal Youth festival XITIJ-2022

One Act Play - Zonal Rank 1st

Sr. No.	Enrollment No.	Name	Semester
1	190470111009	Stuti Joshi	7 th
2	200470111011	Aastha Bhatt	5 th
3	190470111011	Diti Kelaiya	7 th

SKIT - Zonal Rank 1st

Sr. No.	Enrollment No.	Name	Semester
1	190470111011	Diti Kelaiya	7 th
2	200470111017	Bijal Pilojpara	5 th
3	200470111011	Aastha Bhatt	5 th
4	210470111501	Mansi Bhadouria	5 th
5	190470111039	Dhairya Vyas	7 th

Mime - Zonal Rank 1st

Sr. No.	Enrollment No.	Name	Semester
1	210470111501	Mansi Bhadouria	5 th

Music

Indian Group Song - Zonal Rank 1st

Sr. No.	Enrollment No.	Name	Semester
1	190470111033	Bhavik Solanki	7 th

Western Group Song - Zonal Rank 1st

Sr. No.	Enrollment No.	Name	Semester
1	200470111011	Aastha Bhatt	5 th

Classical Vocal - Zonal Rank 1st

Sr. No.	Enrollment No.	Name	Semester
1	200470111006	Taksha Rathod	5 th

Folk Dance - Zonal Rank 2nd

Sr. No.	Enrollment No.	Name	Semester
1	200470111037	Dev Fultariya	5 th
2	190470111025	Miral Rathod	7 th
3	200470111002	Sumit Lunagariya	5 th

Industrial Visits

Industrial Visit at e-Infochips for 7th Sem students with Dr. Paresh Dholakia & Mr. Dhirendrasinh Jadav on 29-07-22.

e-Infochips was founded in 1994 by Pratul Shroff. with global headquarters in both Ahmedabad, India and Sunnyvale, California and has 1500 employees worldwide.

The company provides a range of products and services spanning multiple industries including semiconductors, aerospace & Defense, medical devices, robotics, industrial automation, retail & e-Commerce, automotive infotainment, video surveillance, and connected homes.



7th semester EC students visited eInfochips to visualize their course VLSI and Embedded System they studied in their last year. During this visit e-Infochips presented their services in front of students to aware them about current digital transformation, product engineering services and their expertise in IoT, AI/ML, security, sensors, silicon, wireless, cloud and power. After the presentation they demonstrate their experience zone so student can visualize products and services.

Industrial Visit at Elexa & MCBS PCB Marketing, Gandhinagar for 5th sem students on 24/11/22 and 25/11/22 with Dr. Sneha A. Pandya and Mr. Sanjay H. Patel.

For our 5th semester students, Two days industrial visit was organized at MCBS , E-LEXA and PCB Marketing. Such visits build the bridge / gap between the syllabus and industry.

On 24th November first they visited MCBS. MCBS is a software and hardware development house with manufacturing and designing capability of modern and smart electronics products. Having a large capacity state of the art high speed SMT - Surface Mount Technology plant / line in Gujarat. MCBS manufactures cable, satellite and Android TV, OTT set top boxes.



Students got to know about their Mechanical and Electronics section. At Mechanical section, they were manufacturing Antenna discs using the process of Sheet Metalling. Company is also one of the prominent suppliers of Airtel. At Electronics section, students learnt the simple steps of PCB manufacturing. Also they saw the manufacturing of SMD circuits for street lights.

The next company they visited is EleXA. The Company creates digital platform for EV community, establishing the next future journey for better quality of life. The company aims at delivering convenience for electric vehicle transportation of Thailand. They act as an Emobility Service Provider (EMSP) which proposes various EV charging services to EV drivers. Students got familiar with 2 electric vehicles. One of them was named E-Vega. They showed the designing, battery setup, different types of supplies etc. They also showed the internal wiring of the product with spare parts like motor and the major circuits used (DC Supply and Chopper).

On 25th November they visited PCB Market. At PCB Market students learnt different methods and techniques used to manufacture PCBs. There were number of processes involved. Some of them were : PCB Designing, etching, copper deposition, applying solder mask(masking), inspection, layering and drilling. And then Students visited Science city.

Seminars

Expert talk on "Electronics in Automobile" by Mr. Dharamraj Dhadhal to 5th & 7th EC students on 5-8-22.

Automotive electronics technologies such as autonomous driving, all-electric cars, and in-car infotainment are the new trends in the automotive industry were highlighted in this talk. Insights of how Automotive vehicles getting transformed into the "ultimate electronic devices" were given.



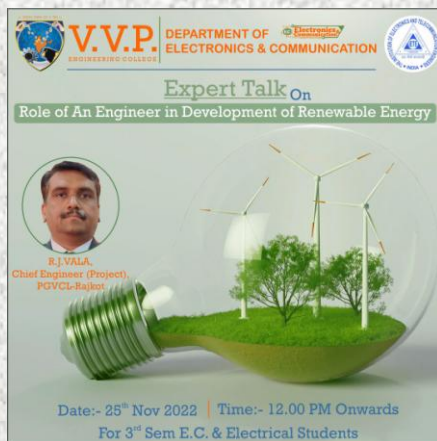
The expert talk on "Better Placement"

The expert talk was conducted by Dr. Jignesh Joshi, Training and Placement Convener for pre final year students on 15-10-2022. The purpose of the Expert talk is to aware students Job Profiles offered to EC students & Proficiency required for each profile. Company Profile of Regular Recruiters Students were guided and motivated for good

communication Skill, Aptitude Preparation Be proficient on anyone Programming language like C and other skill sets. Mails (prepared based on past campus drives and alumni/co. representative guidance) were sent to 5th EC students (2024 batch) for topics to prepare, PI questions and resources to prepare for campus drives going to visit in near future.



Expert talk on Role of an Engineer in Development of Renewable Energy by Mr. R. J. Vaja, Chief Engineer, PGVCL, Rajkot



The students were explained requirement of engineers to build solutions related to energy use. For this purpose, they need to use a combination of research, mathematics, design and testing to create green solutions that generate energy without harming the environment. Due to the ongoing climate crisis, interest and investment in this field of renewable energy is expanding into new areas of research. Typically, Engineers can be tasked with designing and testing elegant solutions for clean energy generation. In some cases, this may result in implementing existing technology in new locations. In other instances, it may involve designing more efficient, cost-effective versions of those technologies or designing entirely new technologies that can create energy using renewable resources.



Workshops

Workshop on Verilog by Prof. Nirmal R. Bhalani to 5th sem students on 4-10-22.

This workshop gave students a comprehensive exploration of the Verilog HDL and its application to ASIC and programmable logic design. It also highlighted the use and application of the Verilog HDL to digital hardware design. This workshop covered aspects of the language, from basic concepts and syntax through synthesis coding styles and guidelines to advanced language constructs and design verification. It also explored key ASIC library design concepts.



Alumni interaction by Mr. Rakshit Bakhda with 5th & 7th sem students on 6-10-22.



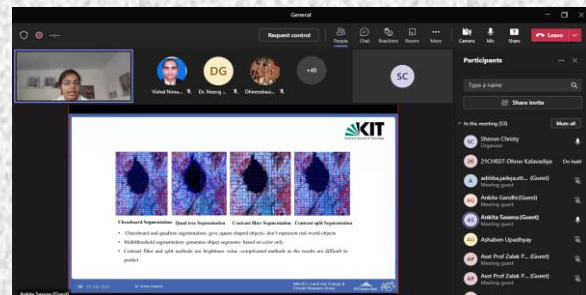
The students were guided how to develop their careers in the field of their Interest. They were motivated and given a pathway to prepare for future placement perspective. The students were also advised few key points to keep in mind if they wished to pursue higher studies in India or abroad.

Technical Events

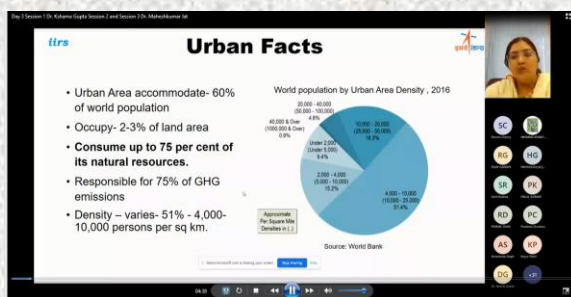
GUJCOST Sponsored IETE Supported National STTP "Latest trends in Remote Sensing & GIS" organized by Ms. Sheron H. Christy & Dr. Vishal D. Nimavat

This online STTP provided a platform to create an awareness on recent trends in Remote sensing and GIS. It was a **FREE of COST** Short Term Training Programme for participants,

sponsored by GUJCOST and supported by IETE. **9 eminent experts, Renowned and Experienced Scientists** from National Institute of Hydrology, Roorkee, Uttarakhand, Indian Institute of Remote Sensing, Dehradun, Institute for Meteorology and Climate Research-Atmospheric Environmental Research (IMK-IFU), KIT-Campus Alpin, Garmisch-Partenkirchen, Germany. Professors from Kurukshetra University, Shaheed Bhagat Singh College, University of Delhi, Malaviya National Institute of Technology ,V.V.P. Engineering College, Rajkot, Assistant Professor from Deenbandhu Chottu Ram University of Science & Technology, Murthal were invited to deliver expert sessions in this STTP. Around **147** registrations including **94 Faculties, 40 students** belonging UG, **1 executive, 2 industry delegates, 2 PhD Scholars, 1 urban-planner-state mission management, 1 urban surveyor** all over India were done for this STTP.



The students/Faculties/Industry delegates belonged to various Engineering Departments like Electronics & Communication, Computer, Information Technology, Electrical, Geography, Management, Mechanical, Urban development & poverty alleviation department, water resources & ocean engineering, urban development directorate and urban design.



Technothon 2022

Every year, our Institute motivates students to participate on a platform of Technical Events which boosts their technical knowledge, team spirit and leadership qualities. This year Technothon was organized under which EC Department had organized various events.

Following EC students had participated in various events during Technothon on 28-9-2022.

1. ArduiRush

Sr. No.	Name	Semester
1	Mehul Moradiya	7 th
2	Bhavik Solanki	7 th
3	Jaydeep Solanki	7 th
4	Sanjay Maru	7 th
5	Varun Makwana	7 th
6	Tanish aghera	1 st
7	Niraj umaretiya	1 st
8	Jeet Nathvani	5 th
9	Saumya Vyas	5 th
10	Aditya kanani	5 th
11	Preet Ginoya	5 th
12	Punit bhavsar	5 th

2. Hit and Knock

Sr. No.	Name	Semester
1	Digant Gadhiya	1 st
2	Mehul Moradiya	7 th
3	Aditya Raval	1 st
4	Tanish aghera	1 st
5	Zenil Mehta	5 th
6	Dev Buddhdev	5 th
7	Sumit lunagariya	5 th
8	Dev Sachdev	5 th
9	Jeet Nathvani	5 th
10	Saumya Vyas	5 th
11	Sumit Lunagariya	5 th
12	Aditya kanani	5 th
13	Harsh Pandya	5 th
14	Preet Ginoya	5 th
15	Hiral chavda	5 th

3. Code Hunter

Team	Player 1	Player 2	Player 3	Player 3	Sem
1	Khris Vaz	Divya Solanki	Eshita Katrodiya		3 rd
2	Janvi Goswami	Drashti Kalariya			3 rd
3	Dev Dhameliya	Yash Ramoliya	Ishika Mungara	Shivani Patel	3 rd
4	Dhruvi Pokar	Priyanka Bhatt	Devanshi oza	Khushi Monpara	5 th
5	Sanjay Maru	Jaydeep Solanki	Varun Makwana		7 th
6	Bhavik Solanki	Jeet chachdiya	Sagar Rathod		7 th
7	Nishit vyas	Jay bambhaniya			1 st
8	Sumit lunagariya	Jeet Nathvani			5 th
9	Mehul Moradiya				7 th
10	Saumya Vyas	Aditya Kanai			5 th

4. Thrill-X

Sr. No.	Name	Semester
1	Hemanshi Katariya	3 rd
2	Chetna Parmar	3 rd
3	Ravi Vaghasiya	3 rd
4	Harsh Pandya	3 rd
5	Preet Ginoia	5 th
6	Punit Bhavsar	5 th
7	Bijal Pilojpara	5 th

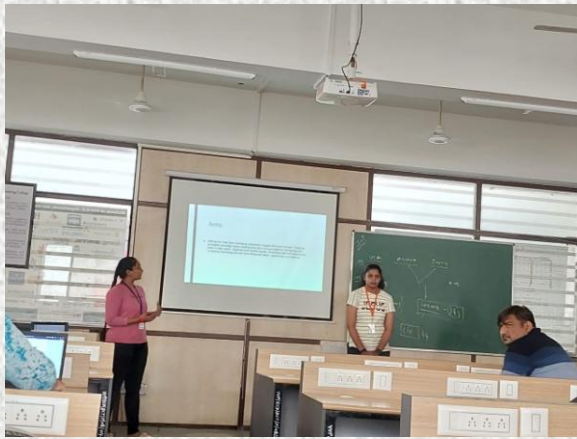
5. BGMI Showdown

Shubh Pandya is winner

Sr. No.	Name	Semester
1	Saumya Vyas	5 th
2	Aditya Kanani	5 th
3	Jeet Nathavani	5 th
4	Shubh Pandya	5 th

Department Level Research Paper Writing Competition on 26-08-22.

As per the tradition of our Institute, Research Paper writing competition for undergraduate students was held on 25-8-2022. Total 8 teams from EC had presented Research Papers in the competition. Dr. Charmy R. Patel and Dr. Dipesh G. Kamdar were the judges for this presentation. Ms. Sheron H. Christy and Dr. Sneha A. Pandya have coordinated this event. Aastha Bhatt & Mansi Bhadouria secured 1st Rank at Department level to represent at Institute Level. Taksha Rathod & Bijal Pilojpara secured 2nd Rank at Department level.



The details of the Research Papers presented are as below:

Group No	Name of student	Title and Area	Research/ review paper	Semester
Group No-1	Aditya Kanani	Web 3.0	Review	5 th
Group No-2	Saumya Vyas	Recent development of Electric Vehicles	Review	5 th
Group No-3	Aastha Bhatt	Hydrogen fuel cell electric car	Review	5 th
	Mansi Bhadouria			
Group No-4	Dipali Mehta	Marketing Automation	Review	5 th
	Bansari Undhadh			
Group No-5	Taksha Rathod	Fourier Analysis in sound	Review	5 th
Group No-6	Daksh Kakadia	FANET and its applications in UAV Swarms	Review	5 th
Group No-7	Bijal Pilojpara	Polytronics	Review	5 th
Group No-8	Zenil Mehta	Autonomous Vehicles : Levels, Technologies, Impacts & Concerns	Review	5 th
	Jeet Nathwani			



Spirit 2022: Indoor sports festival on 7-10-2022 and 8-10-2022

Following EC students had participated in various categories during College Level Indoor Sports Festival

Badminton Girls

Sr. No.	Enrollment No.	Name	Semester
1	190470111009	Stuti Joshi	7 th
2	200470111006	Taksha Rathod	5 th
3	210470111501	Mansi Bhadouria	5 th
4	190470111004	Dhira Gokani	7 th

Badminton Boys

Sr. No.	Enrollment No.	Name	Semester
1	220470111002	Ashara Harit	1 st
2	220470111016	Arkan Taki	1 st
3	220470111006	Om Doshi	1 st
4	220470111013	Aditya Raval	1 st
5	200470111005	Shubh Pandya	5 th

Table Tennis boys

Sr. No.	Enrollment No.	Name	Semester
1	190470111015	Mehul Moradiya	7 th
2	220470111002	Harit Ashra	1 st
3	200470111005	Shubh Pandya	5 th

Carrrom Boys

Sr. No.	Enrollment No.	Name	Semester
1	200470111036	Yash Patel	5 th
2	190470111006	Rajat Jadav	7 th
3	190470111018	Tushar Parmar	7 th
4	190470111012	Prashant Makwana	7 th
5	190470111015	Mehul Moradiya	7 th
6	210470111002	Ravi Vaghasiya	3 rd
7	210470111010	Chintan Parekh	3 rd
8	200470111018	Dev Buddhdev	5 th
10	190470111013	Varun Makavana	7 th
11	200470111016	Jeet Nathvani	5 th

Chess Girls

Sr. No.	Enrollment No.	Name	Semester
1	220470111011	Yuvika Narvane	1 st
2	220470111003	Akshara chauhan	1 st
3	200470111033	Dipali Mehta	5 th

Chess Boys

Sr. No.	Enrollment No.	Name	Semester
1	200470111036	Yash Patel	5 th
2	190470111015	Mehul Moradiya	7 th
3	190470111018	Tushar Parmar	7 th
4	190470111012	Prashant Makwana	7 th
5	190470111039	Dhairya Vyas	7 th
6	220470111006	Om Doshi	1 st
7	220470111002	Harit Ashra	1 st
8	220470111013	Aditya Raval	1 st

Orientation (commencement of new semester)

7th sem Orientation on 11-7-22

Dr. Jignesh Joshi welcomed all students for new semester. He explained Department Vision Mission and importance of NBA. The students were appreciated for their achievements during past semester by certificates and motivated for other activities. Dr. Jignesh Joshi guided them for improvement of technical skills as well as communication skills.



5th sem Orientation on 26-7-22

Dr. Sneha Pandya explained the importance of Vision, Mission, Program Objectives, PEOs and PSOs of our Department from NBA Perspective initially. She had given insights to students 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 students were advised to improve their communication skills and attend online courses in addition to their academics to enhance their technical skills.



Parents meeting on 30-7-22

Parents meeting had been organized for all semester students subject faculty as well as HOD met each parent personally and guided them regarding their child's performance in Fundamental Test, Mid Sem, MAT-1, MAT-2. GK Test, Technical and Non-technical chalk and talk seminar as well their attendance.



Motivational Quote



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 : Bijal M. Pilojpara (200470111017)
Aastha N. Bhatt (200470111011)**

Published by: Department of Electronics & Communication