

संरब्धवे

e-Bulletin

Volume - 06

Issue - 02



Department of

INFORMATION TECHNOLOGY



V.V.P.
ENGINEERING COLLEGE

AICTE Approved & Affiliated to GTU, Ahmedabad
NBA Accredited Electrical, Computer,
Electronics & Communication, Civil Departments

2024
JAN - JUN

Message from 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 refugees 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 100 GW 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.



Shri Kanchibbal Shobha
Trustee



Shri Sanjibbal Oza
Trustee



Shri Parshabhal Manjar
Trustee



Dr. Narendrabhal Dave
Trustee



Dr. Navinbal Sheth
Trustee

Message from Principal



Dr. Tejas Patalia

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 Pratishthan is established by Rajkot Nagarik Sahakari Bank Ltd. to promote quality education in various technical fields. The trust was founded in 1996 with the, being 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 college in India catering holistic growth to the students. It is providing state of the art facilities to the students. The institutes has many schemes and offers for well education of the students.

VISION

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

MISSION

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

Message from Head of the department



Dr. Darshana Patel

Department of I.T. of V.V.P. Engineering College firmly believe in the doctrine that students should be a part of the ever-expanding technology and so they should be aware of the recent advancements. In the IT sector, demand for skilled professionals and well-trained Engineers is on the rise. The department ensures to provide a better IT Infrastructure to its students so as to build their IT Skills and make them competent in the IT World.

Department's primary focus is to continue making efforts to ensure that all IT systems and services are highly available, highly reliable, and highly secure. It also significantly enhances the technology and facilities available to students and faculty and also strengthens its systematic effort to support the effective use of technology to improve teaching, learning, research, assessment and the administration of the College.

Department of Information Technology

VISION

To achieve excellence in the dynamic field of Information Technology by transforming students into outstanding IT professionals with human values to meet global challenges.

MISSION

- Imparting strong foundation and using tools and technologies to attain academic excellence and employability.
- Endowing expertise for transforming theoretical concepts into real-world applications that provides sustainable solutions to address needs of stakeholders.
- Cultivating analytical and soft skills inclusive of creative, managerial, team-work & communication skills through various activities to create competent professionals and/or entrepreneurs.
- Developing ever-learning attitude and ethics for professional life

Program Educational Objectives (PEOs)

Engineering graduates will be able to:

- ✓ Apply engineering fundamentals, scientific principles, analysis techniques, and design methodologies in IT field.
- ✓ Exhibit ever learning attitude to adapt the rapid technological changes in industry along with the implication of mathematical and logical skills & solve the real time problems.
- ✓ Demonstrate effective interpersonal, teamwork and leadership skills as well as work with values to meet the diversified needs of stakeholders.
- ✓ Advance their career in industry or continue their professional education or become an entrepreneur.

Program Specific Outcomes (PSOs)

On successful completion of program, will be able to:

- ✓ Apply knowledge of mathematics, science, engineering fundamentals and several information technology domains such as networking and security, data science, algorithms, Artificial Intelligence, etc. for providing solutions to real word problems.
- ✓ Apply ethics, management principles and soft skills to carry out societal IT projects diverse environment as a member or leader of a team.

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Placements

Placement cell, Department of I.T. ensures that the students get best industry jobs. The students of department of I.T. get opportunity to be placed from more than hundred companies. Placement cell of Department of I.T. provides several types of pre-placement activities like mock PI, mock GD, Aptitude training, etc. to the students. The students get placements in reputed I.T. companies like TCS, Accenture, Red Hat, L&T Infotech, etc. Department of I.T. has achieved 100% placement for last six consecutive years. The vision of the Department of I.T. is to transform students into outstanding I.T. professionals. Placement cell of Department of I.T. is serving to achieve vision of the department.



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Congratulations!
for getting placed

CTC | 7.50 LAKH



Aarti Ladva

SOPHOS


SOPHOS

#Placement 2024

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Placements

Batch 2024

 <p>Smit Doshi CTO 780 LPA</p> <p>ZEUS LEARNING</p>	 <p>Aarti Ladva CTO 330 LPA</p> <p>SOPHOS</p>	 <p>Varshaba Jadhav ETE 600 LPA</p> <p>TarunaSoft</p>	 <p>Himanshu Hapaliya CTO 580 LPA</p> <p>TarunaSoft</p>	 <p>Shiv Santoki CTO 680 LPA</p> <p>TarunaSoft</p>	 <p>Mihir Chavda ETE 600 LPA</p> <p>TarunaSoft</p>	 <p>Jugal Poshiya ETE 600 LPA</p> <p>TarunaSoft</p>
 <p>Viral Devmurari CTO 510 LPA</p> <p>Weybee</p>	 <p>Srujan Rajpura CTO 600 LPA</p> <p>Weybee</p>	 <p>Harshil Kotadiya CTO 600 LPA</p> <p>Weybee</p>	 <p>Rishit Rajpara CTO 590 LPA</p> <p>Weybee</p>	 <p>Prino Bethani CTO 880 LPA</p> <p>Weybee</p>	 <p>Sunay Desaiya CTO 600 LPA</p> <p>Weybee</p>	 <p>Brinda Davda ETE 340 LPA</p> <p>ZEROME</p>
 <p>Aayush Popat CTO 600 LPA</p> <p>Weybee</p>	 <p>Dev Bhayani CTO 600 LPA</p> <p>Weybee</p>	 <p>Twisha Doshi ETE 600 LPA</p> <p>STP WEB</p>	 <p>Disha Vela ETE 480 LPA</p> <p>impruved</p>	 <p>Yash Bhandari CTO 480 LPA</p> <p>Shalgram</p>	 <p>Sampit Ponkiya CTO 480 LPA</p> <p>Shalgram</p>	 <p>Manthan Dholariya ETE 480 LPA</p> <p>Shalgram</p>
 <p>Mihir Madhani CTO 430 LPA</p> <p>ics</p>	 <p>Hat Patoliya CTO 480 LPA</p> <p>Shalgram</p>	 <p>Yashvi Shah ETE 490 LPA</p> <p>C source</p>	 <p>Priya Panara CTO 430 LPA</p> <p>weybee</p>	 <p>Kevan Dangariya CTO 480 LPA</p> <p>KOOPS</p>	 <p>Vidwanajsinh Jalkija CTO 400 LPA</p> <p>STREBO</p>	 <p>Darshan Shihora ETE 400 LPA</p> <p>DCOMMIT</p>
 <p>Dhwani Pancholi CTO 480 LPA</p> <p>INFOLABZ</p>	 <p>Dharmesh Chavda CTO 400 LPA</p> <p>VATSAL</p>	 <p>Darpan Solanki ETE 400 LPA</p> <p>evoke</p>	 <p>Priya Gotcha ETE 580 LPA</p> <p>TechRever</p>	 <p>Devansh Rewariya CTO 380 LPA</p> <p>cybercom</p>	 <p>Aakanksha Sharma ETE 580 LPA</p> <p>LIJENEX</p>	 <p>Chintan Meladiya CTO 380 LPA</p> <p>IC INFINITE</p>
 <p>Palak Sangani CTO 540 LPA</p> <p>999 CROFT</p>	 <p>Jay Sondagar CTO 580 LPA</p> <p>999 CROFT</p>	 <p>Rajvi Detroja ETE 360 LPA</p> <p>Weybee</p>	 <p>Medanahi Sorathiya ETE 680 LPA</p> <p>999 CROFT</p>	 <p>Priyam Dhameiya CTO 680 LPA</p> <p>IMPERIAL FAB</p>	 <p>Jay Varmora ETE 580 LPA</p> <p>SWOOD</p>	 <p>Darshil Shah ETE 380 LPA</p> <p>IC INFINITE</p>
 <p>Sanket Tank CTO 580 LPA</p> <p>UPNET TECHNOLOGIES</p>	 <p>Anjal Pattani CTO 580 LPA</p> <p>ADORE NGO</p>	 <p>Jay Kakadiya ETE 540 LPA</p> <p>ACT SYSTEM</p>	 <p>Mit Togadiya ETE 580 LPA</p> <p>eVital</p>	 <p>Om Dholariya CTO 300 LPA</p> <p>SOLARREED</p>	 <p>Daksh Vaghmare CTO 500 LPA</p> <p>APPELLOW</p>	 <p>Pratik Dharviya ETE 500 LPA</p> <p>Qinaxy</p>
 <p>Hinal Bhavs CTO 500 LPA</p> <p>SIMFORM</p>	 <p>Kishan Vaghela CTO 500 LPA</p> <p>BIZZ YATRA</p>	 <p>Ayush Upadhyay CTO 500 LPA</p> <p>ACT SYSTEM</p>	 <p>Jatin Dholariya ETE 290 LPA</p> <p>CREATIVE FUTURE</p>	 <p>Rajan Gonatra CTO 140 LPA</p> <p>RAJESHWAR</p>	 <p>Priyanshee Kothadiya CTO 340 LPA</p> <p>CHITBAR</p>	 <p>Dhruvi Datsariya ETE 240 LPA</p> <p>ACT SYSTEM</p>
 <p>Aakanksha Karena CTO 240 LPA</p> <p>LOGISTIC</p>	 <p>Darshan Rajvadiya CTO 140 LPA</p> <p>AtIQ</p>	 <p>Hensel Patel ETE 240 LPA</p> <p>ACT SYSTEM</p>	 <p>Hiren Panikhariya CTO 290 LPA</p> <p>ACT SYSTEM</p>	 <p>Yash Mehta CTO 230 LPA</p> <p>ACT SYSTEM</p>	 <p>Prayag Agtara CTO 500 LPA</p> <p>mindfig</p>	 <p>Riya Pandya ETE 300 LPA</p> <p>ASHUTOSH EDUTECH PVT LTD</p>
 <p>Kinnari Tank CTO 580 LPA</p> <p>SETU</p>	 <p>Hemangi Desai CTO 580 LPA</p> <p>SETU</p>	 <p>Jain Babariya CTO 580 LPA</p> <p>SETU</p>	 <p>Soniya Rakhasiyam CTO 500 LPA</p> <p>SETU</p>			

Result

RESULTS

Department of Information Technology works hard to achieve great results in university exams. Department of I.T. achieves best results by taking several internal exams, following continuous evolution process and coaching to the students.

Result - Winter 2023

SEM	9 + SPI	8 + SPI	7 + SPI	TOTAL STUDENTS
1 st	04	15	62	81
3 rd	07	30	45	82
5 th	11	36	25	72
7 th	10	55	13	78
TOTAL	32	136	145	313

Seminar, Workshop, Webinar, SDP



Department of Information Technology organize various seminars, workshops, webinars and student development programs(SDP) for the benefit of students. I.T. is a great way of networking and learning from industry experts. By attending these programs, students get up skilled and it serves a great source of knowledge to the students. It helps students to strengthen their technical capabilities which is mission of our college.

The workshop was conducted by Dr. Tejas Vasavda. He started this workshop by introducing operating system and various elements of operating systems. Then after expert has introduced thread and process, relation between them and discussed different process states. Expert has also demonstrated that how threads and process can be implemented using C++ language. Students have also created thread and process and tracked the outcomes of it.





Orientation Program



On the commencement of the new semester, department head and her team explained academic calendar with various technical and non-technical activities to be performed, rules to be followed, importance of disciplines etc. Top ten certificates for various categories like Ranker in mid exam, Highest attendance, Industry visit and its report etc. were also distributed to the concern students.

Industrial Visit



The Department of Information Technology organizes several industrial visits for the students throughout the year. The students understand the functioning of the industries and get insight into the real working environment. The department had organized a visit to e-Infochips Ahmedabad, Infinity Infoway Pvt Ltd, Rajkot. The college defines a mission to organize co-curricular and extra-curricular activities for the overall development of the students. The Department of Information Technology works towards achieving this mission. 4th Semester students visited Infoway Pvt Ltd, Rajkot. 6th Semester students visited e-Infochips Ahmedabad.



Students' Achievement

V.V.P. ENGINEERING COLLEGE
NBA Accredited Electrical, Computer, Electronics & Communication, Civil Departments

GATE 2024 Qualified



AIR 10545 | **SCORE** 418 | **MARKS** 33.84

Bijal Bambhava
6th Sem :

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GATE 2024 Qualified



AIR 6158 | **SCORE** 358 | **MARKS** 37.67

Devanshu Joshi
6th Sem :

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GATE 2024 Qualified



AIR 14345 | **SCORE** 378 | **MARKS** 30.19

Jamila Sadikot
6th Sem :

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GATE 2024 Qualified



AIR 2174 | **SCORE** 613 | **MARKS** 51.76

Jay Dabhi
8th Sem :

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GATE 2024 Qualified



AIR 4292 | **SCORE** 413 | **MARKS** 41.67

Jay Pandya
8th Sem :

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GATE 2024 Qualified



AIR 13775 | **SCORE** 382 | **MARKS** 30.56

Utsav Mehta
6th Sem :

Congratulations!

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Staff Achievement

SASI-ITE'24



SR00210

CERTIFICATE OF APPRECIATION

This certificate is presented to

Dr. Darshana Patel

Gujarat Technological University, Rajkot, India.

has contributed his valuable time towards the peer-review process, evaluating submissions and providing constructive feedback to authors as a *reviewer* in our 2024 International Conference on *Social and Sustainable Innovations in Technology and Engineering - SASI-ITE'24* which is technically Co-Sponsored by IEEE Vizag Bay Section held from 23-25 February 2024 at Sasi Institute of Technology & Engineering, Tadepalligudem, Andhra Pradesh, India.



Dr. Darshana Patel
Head, I.T. Dept.
Associate Professor

Dr. T V K Moorthy
TPC Chair

Dr. P. Sivakumar
Conference Chair

Prof. S. Lakshmi Narayana
General Chair

Prof. Mohammed Ismail
Principal



Prof. Dishita Mashru – Got certified in the NPTEL Course on Fundamental Algorithms- Design And Analysis (March 2024)

Prof. Dishita Mashru
Assistant Professor

Mock Interview

Department of information technology have organized mock interview in last week of March-2024 for the students of 6th semester to support and prepare for their future career opportunities.

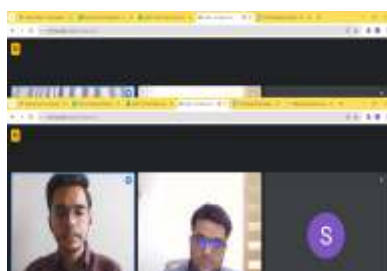
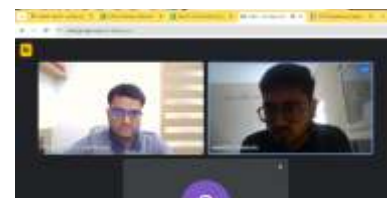
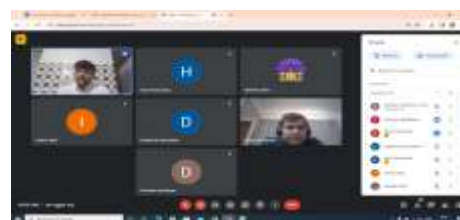
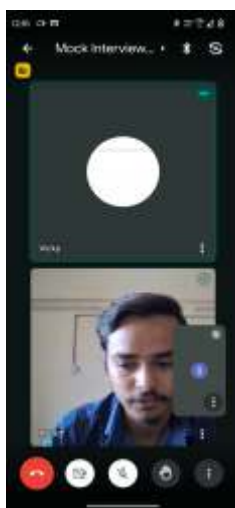
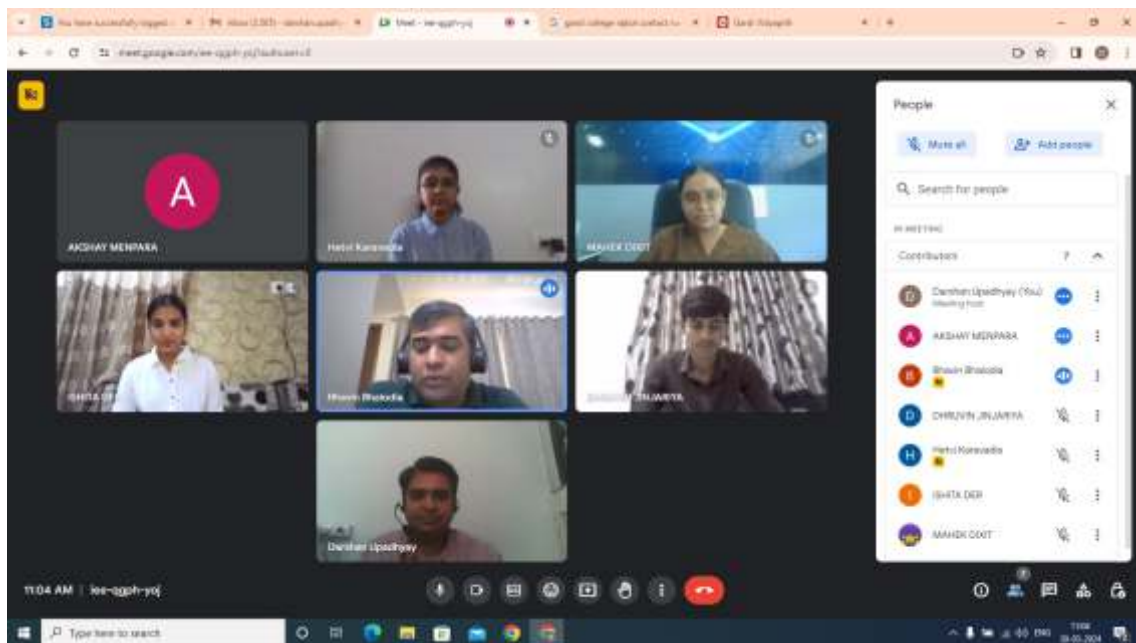
This initiative is designed to simulate a real interview environment, providing students with a valuable opportunity to practice and refine interview skills.

Students are able to reduce their anxiety and stress by sitting for mock interviews. There are no consequences of not performing well during these interviews, thus, candidates can test their answers and get the necessary feedback. Unlike real interviews, candidates can redo or retake their interviews as well.

Mock interviews boost the confidence of candidates. Once candidates begin to perform well during practice interviews, they become confident of their abilities and skills. The results of this are projected during real interview sessions as well, allowing candidates to remain calm and composed under stress.

In this mock interview department have invited experienced professionals from I.T. industries, they provided feedback to students on various parameters like Soft Skill, Communication Skill, Technical Knowledge, Approach/Logic, Resume Effectiveness etc.

Below are some snaps from the session:



Parents' Meeting



In a heartening display of collaboration and commitment to students' well-being, Department of Information Technology hosted a successful parents' meeting on campus. The event took place on April 5, 2024, and saw an impressive turnout of parents eager to engage in their children's education.



The meeting began with a warm welcome from the head of the department Dr. Darshana Patel, emphasizing the importance of the strong department-parent

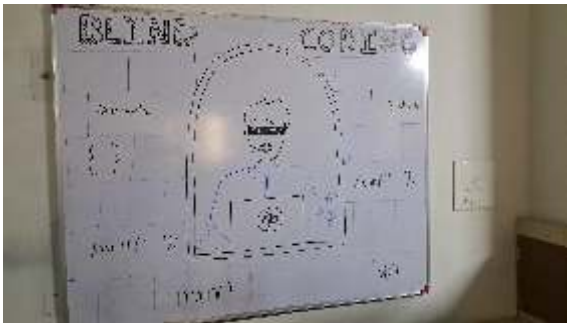
partnership in ensuring academic success and personal growth. During the meeting head presented mid exam pattern, some detailed progress reports, college's facilities, students' exemplary work. The presentation highlighted the students' achievements and recognized their consistent efforts, reinforcing a sense of pride among parents.

The meeting also addressed challenges faced by some students, including academic struggles and social interactions. Parents and faculties collaborated to devise tailored support plans, ensuring every student receives the necessary assistance to thrive.

In addition to academic matters, parents were updated on upcoming exams, extracurricular activities and community involvement opportunities.

Overall, the parents' meeting was a resounding success, reaffirming the significance of collaborative efforts in creating a conducive learning environment for students. The department's dedication to fostering open communication and involving parents in the educational journey promises a brighter and more engaging academic year ahead.

Techfest



8th Sem Last Day



પ્રતિજ્ઞા

અમે,
વી.વી.પી.

એન્જીનીયરીંગ કોલેજના
વિદ્યાર્થીઓ, સંકલ્પ કરીએ છીએ કે,
અમે શ્રદ્ધા, સંયમ, શિસ્ત,
એકાગ્રતા અને પુરુષાર્થથી, જ્ઞાન પ્રાપ્ત કરી,
રચનાત્મક અને હકારાત્મક અભિગમ કેળવી,
સામર્થ્યવાન ઇજનેર બની,
વિશ્વના મંગલ વિકાસ માટે,
ભારતમાતાને, પ્રથમકક્ષાની,
મહાસત્તા બનાવવા,
અવિરત
પુરુષાર્થ
કરતા રહીશું.

**ભારત
માતા કી
જય**

“Innovation is the outcome of a habit,
not a random act.”

- Sukant Ratnakar

Editorial Board

Editor in Chief

Dr. Darshana H. Patel

Head,

Department of Information Technology

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Mr. Pradeepsinh M. Sarvaiya

Laboratory Assistant



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राष्ट्राय स्वाहा इवं न मम ।

