I. T. NEWSLETTER

INFORMATION TECHNOLOGY NBA ACCREDITED GOVERNMENT POLYTECHNIC FOR GIRLS, AHMEDABAD

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VISION

To be a center of excellence for girls in I.T. by preparing them to be efficient problem solvers, innovators and entrepreneurs in this era of dynamic IT field as well as to empower women by proving roadmaps that foster professionalism, humanism and
social responsibility.

MISSION

•To provide excellent field related technical knowledgeand skills.

•To foster interpersonal and leadership skills throughco-curricular and extracurricular activities and thus.

•Develop a thirst for life-long learning among students.Tocreate a vibrant and an intellectually stimulatingEnvironment for students to empower them forrealWorld problem solving.

WE CHANGE THE FUTURE

From the Desk of Head of Department

The past six months at GGP-IT have been exceptionally exciting as we continue to experience growth. We are delighted to announce the exemplary achievements of our students in the state-level university exams. **Riya Pujara, Nidhi Thakkar, and Mana Fatnani** have made us proud by securing the **first, third, and sixth rank** respectively, across the entire university. Their remarkable accomplishments are proof of good academic practices.

For the first time, an entrance examination was introduced for degree admissions, and we are pleased for favourable overall results, with Tisha securing the seventh rank.

Our final semester students have also distinguished themselves by mastering cutting-edge subjects such as block chain, cloud computing, and cyber security and forensics.

Additionally, the department organized a short film festival competition focused on content creation and SEO for pre-final and final year students. Out of 30 entries, the first rank was secured by Vaidehi Raval, Juhi Shah, and their team's outstanding concept "Virtual Hangout." The second rank was awarded to Shlesha Modi and her team for their inspiring project "First Love Yourself (FLY)," and the third rank went to Mugdha Bhangle and her team for their insightful film on "Mental health". Their success reflects the high standards of education and the supportive learning environment at our Polytechnic.

Let us celebrate these achievements and strive for continuous improvement and excellence in our academic endeavors.

PROF. NANDU FATAK

FEW WORDS FROM ALUMNI STUDENTS

Hello, This Is Payal, 2023 passout student of IT from GPG. Currently Pursuing B.E. in IT from Vishwakarma Government Engineering College, Chandkheda.

- We had compared two colleges ,LDCE and VGEC based on their rules, regulations, environment, study. And we concluded that both the colleges are best with their uniquesness.

-We discussed the difference of a student who came in degree college after 12th with Maths background and the one who had technical background and came after Diploma engineering. And we discussed till 4th semester for the D2D students there is a struggle for maths only not for all subjects and the students who came after 12th have struggled with all the subjects except maths. This is how diploma engineering subjects work for us. We D2D students have more technical knowledge than 12th passout students.

- And The Problems we are getting in Maths Subject. For the 3rd semester as we got admission late due to the admission process we were struggling with maths but it's not that much difficult to complete. When you get done with all your diploma engineering studies ,start preparing for the maths subject specifically probability and statistics. It will help you to gain good marks and to maintain a good cgpa.

PAYAL LUHAR

Hey everyone, I'm Priyanshu 2023 pass out, pursuing BE at LD Engineering college.

My dream, though, was in the food industry, even though I didn't have a clear plan. I ended up doing a diploma in IT because my family suggested it, but my first year got messed up due to COVID. Coding was a challenge, and Nimisha mam was my rock, always saying, "You can do it, Priyanshu. I'm with you." I worked hard and got through, and in the fourth semester, I met Abhilasha mam, my support system. Her words, "Tu taru best aap and badhu destiny par muki de," always cheered me up through ups and downs. In the fifth semester, I led a hackathon team and became the runner-up. Even though I didn't get an award, Abhilasha mam's words, "God wants you to become strong, and that's why he's doing this," helped me heal. In my journey, Anisha mam played a pivotal role, offering unparalleled support and positivity. Describing our relationship is a challenge, as it's beyond words.

PRIYANSHU SHARMA

Hello, This Is Aanchal Vastraj, 2018 passout student of IT from GPG. Currently working as a DATA SCIENTIST at TATA Consultancy Services.

Started the talk with sharing about my journey from 10th to GPG and how GPG faculties changed my perception about "Studying, especially the way our GPG's faculties teach and support made me who I am today. Explained the students the importance of giving your 100% in whatever you do and fabulous outcomes will follow. Thereafter, threw some light on how I entered TCS with commitment to new learnings and passion towards technology. Lastly ended my talk with leaving a strong message that we all know "Kabil ban bacha, success jhak marke aayegi".

AANCHAL VASTRAJ

3

Previous Alumni meet held in ,MAY 2022

Alumni are great role models for current students and are often well placed to offer practical support to as well while they start their careers. Here Muskan Rawat who is our first GOLD medalist who is honoured by Head of IT department Ms. Priti Parikh and by Chinta Nagrecha owner of InfoLabs Pvt Ltd.

Objective of Annual meet- 2024

The annual meet of final year students and alumni students was organized on 3rd feb 2024 at GGP where GOLD medalist 1 and 2 are bestowed with certificate from IT department by prinicpal sir and head of IT department, Nandu Fatak sir.
Also alumni students shared their experience about the journey at GGP and about their progess and lessons learnt at this green campus.

GOLD MEDALIST WITH DIGNITARIES

GOLD MEDALIST –1 MUSKAN RAWAT

GOLD MEDALIST –2 RITIKA MAHESHWARI
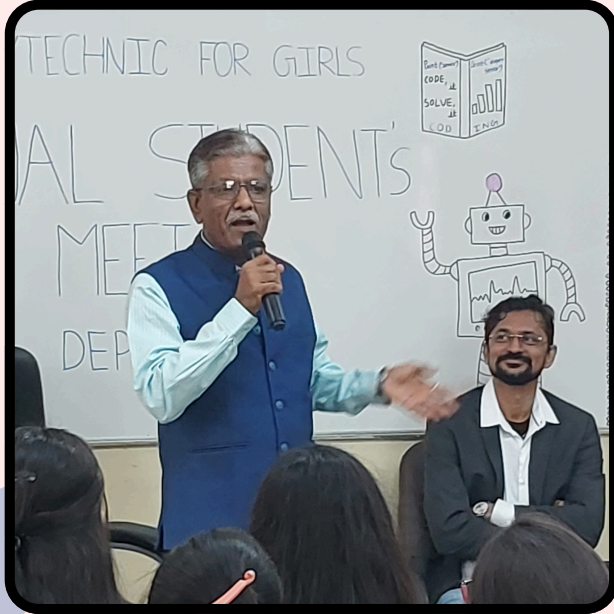
INFOZEST

A short film festival organized by IT department which helps students to enhance their marketing skills on 25th April, 2024

Dept. of Information Technology

invites you all to the

INFOZEST

A dynamic showcase of student creativity, featuring a diverse array of software and hardware projects pushing the boundaries of innovation.

Sub-Event

"Pixel Perspectives Premiere: Where Ideas Meet Screen"
- A Short Film Festival Showcasing and Promoting Original Content of Students.

Date: 25 April, 2024
Time: 2.30 pm Onwards

Venue:
New Building, C-208

WINNER

Virtual Hangout

1

The WINNERS (1st POSITION) of IT Dept. INFOZEST'24 (A short film festival)
Team: Nidhi, Juhi, Vaidehi, Krupa, Rasa, Prisha, Riya, Tulsi
"A short, worth watching film"
Our online dating awareness video aims to educate and empower individuals about safe practices while navigating the world of digital romance. Through a combination of engaging visuals and relatable storytelling, we have highlighted common pitfalls and provided practical tips for staying safe and secure online.

The essence of Self Love

2

Secured 2nd Position at INFOZEST'24 (A short film festival) held by IT Dept.

Team: Diya, Shlesha, Dhruvi, Mana, Vedanshi, Megha, Khushi

This is a poignant video exploring the essence of self-love, through diverse interview perspectives. It celebrates the achievements of a self-empowered woman, driven by her profound self-love. With practical tips and techniques, the video inspires viewers to embrace self-love and embark on their own journey of personal empowerment.

Hidden Battle

3

Last but not the Least! Secured 3rd Position at INFOZEST'24 (A short film festival) held by IT Dept.

Team: Mugdha, Tisha, Taniya, Hitarthi, Srushti, Priyanshi, Maitri, Megha, Aarzoo, Niharika

"Hidden Battles" offers a glimpse into the isolating experiences of social anxiety, the haunting world of PTSD, the overwhelming nature of panic attacks, the toxic effects of comparison syndrome, and the turbulent journey of bipolar disorder. Through concise yet powerful storytelling, this film sheds light on the hidden battles fought within the depths of the human mind.

well done!

www.gturesult.ac.in

GTU RESULTS

SEM-1

GAJJAR AAYUSHI NIMESHBHAI	6th rank in GTU top 10
KATARIA JALADHI AASHISHKUMAR	7th rank in GTU top 10
SHARMA CHESTA SHANTANU	8th rank in GTU top 10
GAJJAR AAYUSHI NIMESHBHAI	4th rank in institute top 10
KATARIA JALADHI AASHISHKUMAR	5th rank in institute top 10
SHARMA CHESTA SHANTANU	6th rank in institute top 10
VANSHIKA JESWANI	7th rank in institute top 10
KALGUDE KHUSHEE PRAKASH	7th rank in institute top 10
HIRPARA DISHABEN SURESHBHAI	10th rank in institute top 10

SEM-3

PUJARA RIYA CHIRAGBHAI	1st rank in GTU top 10
THAKKAR NIDHI MAYUR	2nd rank in GTU top 10
FATNANI MANA NAYAN	6th rank in GTU top 10
PUJARA RIYA CHIRAGBHAI	1st rank in institute top 10
THAKKAR NIDHI MAYUR	2nd rank in institute top 10
FATNANI MANA NAYAN	3rd rank in institute top 10
MODI SHLESHA SHAILESHBHAI	5th rank in institute top 10

SEM-5

VARMA TISHA HITESHBHAI	2nd rank in institute top 10
PRAJAPATI PRINCY MANISH	3rd rank in institute top 10
RATHOD ASMITA JAGDISHBHAI	4th rank in institute top 10
JADON SWETA DINESHSINGH	5th rank in institute top 10
PANCHAL ARCHI PRITESHBHAI	7th rank in institute top 10
PARMAR HAPPY TEJASBHAI	8th rank in institute top 10

Ahajoliya Nandini of sem 4 is certified in UI/UX DESIGNING.

Student's achievements

| Sr.no	Student Name	Company Name	Post offered
1	Desani Khushi Ramesh Kumar	Vishwa Health Tourism LLP	Software Trainee
2	Nikita Pragnesgbhai Panchal	Mantra Softech Pvt ltd	Trainee (HW/SW engg)
3	Ritu Toni Kumar Prajapati	Mantra Softech Pvt ltd	Trainee (HW/SW engg)
4	GOHEL URVI R.	Mantra Softech Pvt ltd	Trainee (HW/SW engg)

Students of final year got selected in PLACMENT FAIR, FEB-2024

IT Department Literature CORNER

Purpose:

- Literature helps us to understand our lives, ourselves, and the world around us. Encounters with literature develop the concepts of identification, imagination, and empathy.
- In our increasingly chaotic world, these skills matter deeply.
- It offers opportunities to appreciate different types of literature and increase their own literary skills
- The Literary corner aims at not only refining the literary skills of the students but also developing in them logic and curiosity to know more and to instill in them a confidence to speak well.
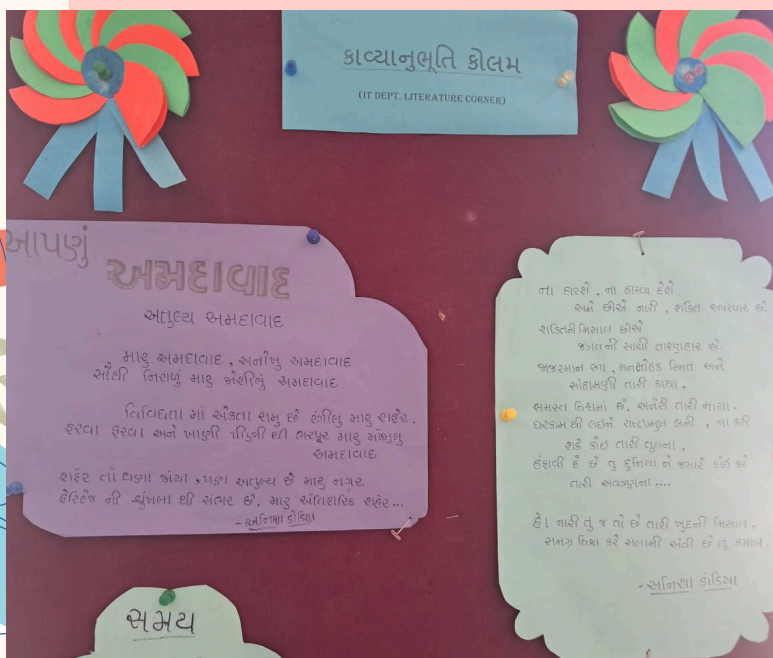
Glimpse of poem written by Anisha Dodiya(Lecturer I.T) and few students
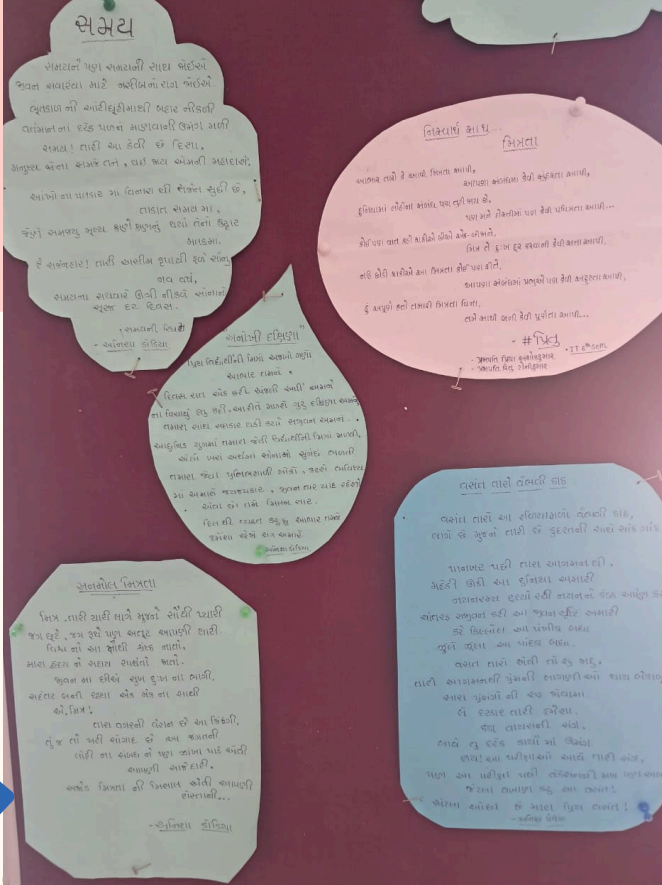
DEPARTMENTAL ACTIVITIES

Sr. No.	Date	Event	Topic	Company name	Sem	Speaker Name
1	25-01-2024	Workshop	IBM SKILLSBUILD AWARENESS PROGRAM	IBM TECHNOLOGY LTD	6th	Ms. Shrilaxmi
2	02-03-2024	Event	Reunion	Passout Students	6th	Department faculties
3	09-02-2024	Industrial Visit	Insights of IT Industry	Tops Technology	4th	Mr. Atual Jain
4	14-02-2024	Workshop	IBM SKILLSBUILD AWARENESS PROGRAM	IBM TECHNOLOGY LTD	2nd ,4th	Ms. Shrilaxmi
5	21-02-2024	Event	Debate Competition	Departmental Activity	4th	Department faculties
6	06-03-2024	Industrial Visit	Insights of IT Industry	BrainyBeam Technologies Pvt. Ltd	4th	Mr. Sagar Jasani
7	20-03-2024	Seminar	Digital Marketing	Elsener Technology	4th	Ms. Anita Makwana
8	16-04-2024	Expert Lecture	Crafting the winning strategy for heckathon	Techno IT Hub	4th	Ms. Bhumi Sharma
9	22-04-2024	Industrial Visit	Social topics	Techno IT Hub	4th	Department faculties
10	24-04-2024	Seminar	Data Analytics (Prepaing and Navigating Data For Machine Learning)	Infolabz Pvt. Ltd.	4th,6th	Mr. Chintan Nagrecha

DEPARTMENTAL ACTIVITIES

Workshop on IBM SKILLSBUILD AWARENESS PROGRAM for 6th sem students

Industrial visit at TOPS technnology

Workshop on IBM SKILLSBUILD AWARENESS PROGRAM for 2nd and 4th sem students

Debate competition

Crafting the winning strategy for hackathon

FUN TIME

IT cricket Team

FACULTY ACHIEVEMENTS

Sr no	Name of Faculty	Title of Training	Duration
1	C. H. Shah	Data Analytics and Applications	19/02/2024 to 1/03/2024
2	M. L. Dave	Advanced computer networks	22/01/2024 to 12/04/2024

TECHNICAL NEWS

What is Kubernetes ?

With the widespread adoption of containers among organizations, Kubernetes, the container-centric management software, has become the de facto standard to deploy and operate containerized applications. Google Cloud is the birthplace of Kubernetes—originally developed at Google and released as open source in 2014. Kubernetes builds on 15 years of running Google's containerized workloads and the valuable contributions from the open source community. Inspired by Google's internal cluster management system, Borg, Kubernetes makes everything associated with deploying and managing your application easier. Providing automated container orchestration, Kubernetes improves your reliability and reduces the time and resources attributed to daily operations.

Kubernetes defined

Kubernetes (sometimes shortened to K8s with the 8 standing for the number of letters between the "K" and the "s") is an open source system to deploy, scale, and manage containerized applications anywhere.

Kubernetes automates operational tasks of container management and includes built-in commands for deploying applications, rolling out changes to your applications, scaling your applications up and down to fit changing needs, monitoring your applications, and more—making it easier to manage applications.

Uses of Kubernetes

- Increasing development velocity
- Deploying applications anywhere
- Running efficient services

STUDENT'S CONTENT CORNER

GOVERNMENT POLYTECHNIC FOR GIRLS
AHEMADABAD

https://www.youtube.com/watch?v=aO2aXaSmk6c&t=19s

WHY GGP IS THE BEST?

(Diya,Drashti, Aayushi and Team)

https://www.youtube.com/watch?v=5bcyizwM5G8&t=4s

VIRTUAL HANGOUT

(Juhi,Vaidehi,Nidhi and Team)

https://www.youtube.com/watch?v=kW2LabvNZjY&t=18s

FIRST LOVE YOURSELF (FLY)

(Shlesha,Megha,Dhruvi,Diya.Mana,Vedanshi,Khushi)

https://www.youtube.com/watch?v=IajTn-UamvU&t=2s

I.T. TRANSIT GUIDE

(Rucha,Riya,Jyoti,Jiya,Mahek)

https://www.youtube.com/watch?v=XtAM-C9btI0&t=7s

A.I. & M.L.

(Salomi,Rishita,Fatima,Khushi,Ekta)

https://www.youtube.com/watch?v=vWEGvdJ54bo&t=4s
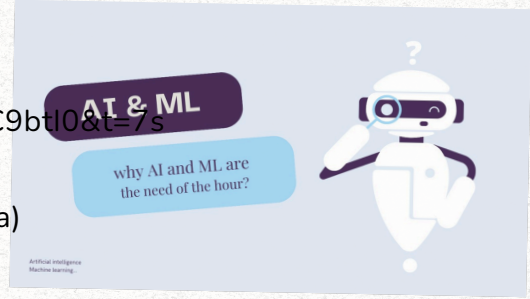
FIRST ATTEMPT IN LEARNING (FAIL)

Priyanka Raval,Hetvi and Nidhi

https://www.youtube.com/watch?v=OBqH-d6xbfA&t=3s
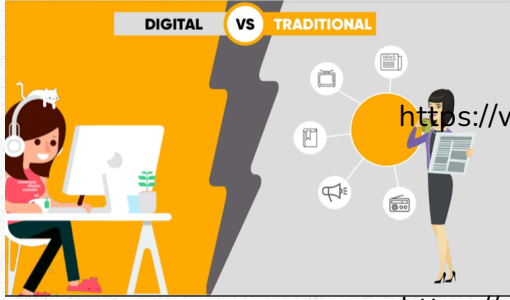
PATHWAY TO HOPE

(Pragati,Bhavi,Bansari,Nipunta,Mariyam,Devanshi,Margi,Nisha)

https://www.youtube.com/watch?v=J67pZiZ6-KY&t=1s

TWO PHASE OF ROBOTICS

(Vishwa,Diya,Hetvi,Jiya,Disha)

LOGICAL PUZZLE ANSWERS OF VOL 6 ISSUE-2

----- 1- 6,   2- 9,   3- 19,   4- Q,   5 - FATHER, 6- 4

EDITORIAL COMMITTEE

1. Prof. N. A. FATAK
2. Ms. P. V. GARACH

There are five important things for living a successful and fulfilling life: never stop dreaming, never stop believing, never give up, never stop trying, and never stop learning."

- Roy T. Bennett.