



**INFORMATION TECHNOLOGY
NBA ACCREDITED
GOVERNMENT POLYTECHNIC FOR
GIRLS, AHMEDABAD**

I. T. NEWSLETTER



Contents

- Alumni Reunion 2025
- IT Toppers
- Student's Achievements
- GTU Results
- Departmental Activities
- Glimpse of Departmental Activities
- Faculty Achievements
- Faculty corner
- Student corner

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 knowledge and skills.
- To foster interpersonal and leadership skills through co-curricular and extracurricular activities and thus.
- Develop a thirst for life-long learning among students. To create a vibrant and an intellectually stimulating Environment for students to empower them for real world problem solving.

**WE CHANGE THE
FUTURE**

From the Desk , Head of Department



As the Head of the Department, it is always a matter of pride and heartfelt joy to share the accomplishments, experiences, and collective spirit that define our department. The past few months have been rich with achievements — academic, cultural, and personal — that reflect not just talent, but also resilience, teamwork, and passion.

A **Tradition of Brilliance**, our students continue to shine bright in academics, raising the bar of excellence. **Maitree Darjee(Sem1)**, **Chesta Sharma(sem3)**, and **Nidhi Thaker(Sem5)** secured the top positions in both the department and institute. A special mention goes to **Nidhi Thaker**, whose dedication and brilliance have made her the **overall state topper** so far. Such milestones remind us that with the right guidance and effort, there are truly no limits.

Debate Competition – Power of Thoughtful Expression, on **17th January 2025**, our department hosted a thought-provoking **Debate Competition** that challenged students to think critically and speak with conviction. Congratulations to the winning teams led by **Shlesha Modi and Pari Kansagra**, whose words carried depth, reason, and passion. These events reinforce the value of dialogue in shaping future leaders.

Alumni Get-Together as per our traditions, on **18th January 2025**, we hosted our traditional Alumni Get-Together, a day full of memories, gratitude, and inspiration. Seeing our former students return with stories of growth and success was a touching reminder of the lasting bond between the department and its alumni family.

Parent-Teacher Meeting – A Shared Journey, on **24th February 2025**, we welcomed enthusiastic parents for a constructive **Parent-Teacher Meeting**. Such interactions help us align our educational mission with the dreams families hold for their children.

Sports – Strength in Unity and Spirit, Excellence was not confined to classrooms. Our students showed remarkable energy and team spirit on the field:

- **Champions in Table Tennis**
- **Runners-up in Kabaddi and Badminton**

Techno Sarita – Innovation at Its Best, winning the institute's annual competition "**Techno Sarita**" was a proud moment for the IT Department. Kudos to **Yana Patel, Jaladhi Kariya, and Soni Krupa** for their innovative project and team synergy. Their win symbolizes how creativity and technical excellence go hand in hand.

Khel Mahakumbh – Silver at the State Level

A big congratulations to **Patel Diya**, who won a **silver medal** at the prestigious **Khel Mahakumbh**, a proud moment that echoes our department's belief in all-round development.

Let us continue walking this journey of excellence — together, with heart and purpose.

DDCET achievements

Raasa Pandya – Rank 20, **Nidhi Thakkar** – Rank 42 , **Krupa Shinde** – Rank 65 ,
Shlesha Modi – Rank 75, **Riya Pujara** – Rank 77 , **Naitray Patel** – Rank 92

With warm regards and deep appreciation,

Head of Department

Department of Information Technology

Alumni Reunion 2025

The annual alumni reunion was successfully held on 18/01/2025 at IT Department. The event brought together students from various batches to celebrate, reconnect, and reflect on their shared journey. Organized by IT Department, the reunion aimed to strengthen the bonds among alumni and create opportunities for networking, collaboration, and nostalgia.



**Rutva Vasani
(Nirma University)**



Yaliyna Ansari (UK)



**Shreya Chaturvedi
(SAL)**



**Muskan Rawat
(IT Professional)**



**Prof. N. A. Fatak
Head of Department**



**Abhilasha Madam and
Shreya**



**Hemali Madam
(Alumni Connect)**



**Shreya and Priyanshi
(SAL)**



**The anchors -
Pari and Kavya
(4th sem)**

IT TOPPERS

Year	Enrollment	Name	GTU rank	Institute rank
2024	216140316107	VARMA TISHA HITESHBHAI	Nil	2
	216140316040	JADON SWETA DINESHSINGH		3
	216140316055	PRAJAPATI PRINCY MANISH		4
	216140316016	PANCHAL ARCHI PRITESHBHAI		5
	216140316018	PARMAR HAPPY TEJASBHAI		8
2023	206140316011	MAHESHWARI RITIKA JITENDRAKUMAR	1	1
	206140316011	MAHESHWARI RITIKA JITENDRAKUMAR	Nil	4
	206140316102	AACHAL AGARWAL		7
	206140316001	KANANI KHUSHI PRAVINBHAI		8
	206140316040	MATHUR RISHITA DHIRENDRA		10
2022	196140316091	PATEL HONEY MANILAL		2
	196140316006	BHATT ASTHA ARPIT		4
	196140316085	PATEL DIYA CHIRAGBHAI		8
2021	186140316027	GUPTA JANVI SANJAYKUMAR		7
2020	176140316094	RAWAT MUSKAN PRAMOD	3	1
	176140316088	RAKHOLIYA ARMIKABEN DINESHBHAI	Nil	3
	176140316115	THAKKAR TULSI MAYURBHAI		4
	176140316048	MISTRY NISHTHA PRAKASHBHAI		8
	176140316122	VATSRAJ AAKRUTI HIREN		9
	176140316068	PATEL DRASHTI VIPULBHAI		10
	176140316010	CHAMPAVAT NAMRATA YASHPALSINH		10

IT TOPPERS

Year	Enrollment	Name	GTU rank	Institute rank
2019	166140316108	SHARMA BHUMI BHUPENDRA	Nil	1
	166140316065	PATEL APEXA MAHENDRAKUMAR		8
	166140316027	GANGWAR BANSHITA VINOD		10
2018	156140316104	SHUKLA PRATYUSHA PRAVINKUMAR		4
	156140316122	VATSRAJ AANCHAL HIREN		6
	156140316043	MAVANI HRISHITA SAMIR		7
	156140316125	VYAS SHRUSHTI SNEHALKUMAR		10
2017	146140316067	PATEL HARMONY SHAILESH	Nil	4
	146140316016	FULPAGAR NIDHI ABHAYBHAI		5
	146140316124	VYAS VRUSHTY PIYUSH		7
2016	136140316107	SHAH SURBHI RAJENDRA	9	1
	136140316117	THAKKAR DENISHA MAHESHBHAI	Nil	9
2015	126140316001	SONI ANAL NITINBHAI		2
	126140316002	RAFALIYA BHAVIKABEN VINODKUMAR		3
	126140316004	KACHHADIYA PRARTHANABEN DAKUBHAI		4
	126140316045	BRAHMBHATT AARTI VASANTBHAI		9

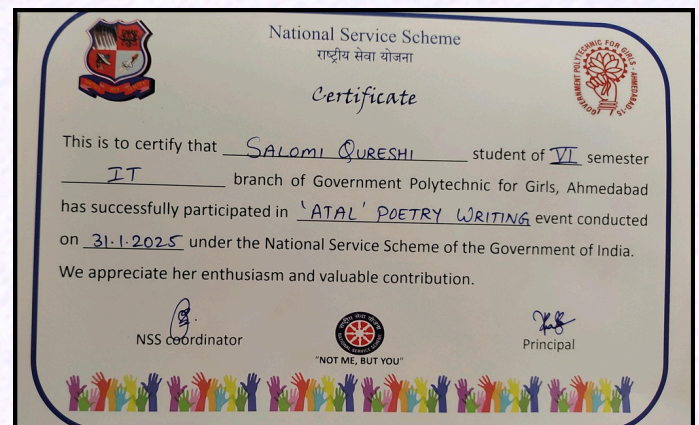
STUDENT'S ACHIEVEMENTS



PATEL DIYA, 2nd Sem student, who won a silver medal at the State Level- the Khel Mahakumbh on 5th and 6th of April 2025.



DHRUVI J DESAI, 2nd sem student won Gold medal in BOX CRICKET TOURNAMENT and Trophy of Player of the match



GTU RESULT

SEM-I

University Topper Details(GTU Top 10 Overall)

RANK	ENROLLMENT NUMBER	NAME	CPI	SPI
4	246140316023	DARJEE MAITRI DEEPAKKUMAR	10	10
Institute Topper Details				
1	246140316023	DARJEE MAITRI DEEPAKKUMAR	10	10
8	246140316026	DHRUVI JIGAR DESAI	9.67	9.67

SEM-3

University Topper Details(GTU Top 10 Overall)

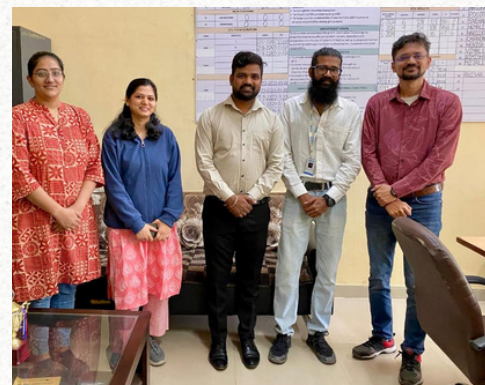
RANK	ENROLLMENT NUMBER	NAME	CPI	CGPA	SPI
4	236140316137	SHARMA CHESTA SHANTANU	9.95	10	10
Institute Topper Details					
1	236140316137	SHARMA CHESTA SHANTANU	9.95	10	10
3	236140316051	KATARIA JALADHI AASHISHKUMAR	9.82	10	10
5	236140316028	GAJJAR AAYUSHI NIMESHBHAI	10	10	10
6	236140316128	SAIJA PRIYA JIGNESHBHAI	9	10	10
8	236140316092	PATEL MAHI KAMLESHBHAI	9	10	10

SEM-5

University Topper Details

RANK	ENROLLMENT NUMBER	NAME	CPI	CGPA	SPI
1	226140316151	THAKKAR NIDHI MAYUR	10	10	10
7	226140316123	PUJARA RIYA CHIRAGBHAI	9.91	9.85	9.8
Institute Topper Details					
1	226140316151	THAKKAR NIDHI MAYUR	10	10	10
2	226140316123	PUJARA RIYA CHIRAGBHAI	9.91	9.85	9.8
5	226140316068	MODI SHLESHA S	9.75	9.83	9.85
6	226140316032	FATNANI MANA NAYAN	9.73	9.63	8.9
9	226140316140	SHINDE KRUPA NITINBHAI	9.57	9.72	9.65

DEPARTMENTAL ACTIVITIES



Sr no	Name of Event	Name of Event	No. of Participant	Company name
1	Technical Debate Competition and Panel Discussion on Technical Topics	IT Faculties	32	In-Campus
2	Alumni Reunion	IT Faculties	42	In-Campus
3	Seminar on Career Opportunities and Placement	Mr. Piyush Patel	55	IANI
4	Seminar on Empowering Your Career: Opportunities, Skills & Placement Strategies	Mr. Sagar Atkurwar	57	TATA IIS(Indian Institute of Skill)
5	Seminar on Introduction to AI	Mr. Amit Trivedi	67	IBM Skills Build
6	Hands-on Session on Python Programming	Ms. Anjali Patel	59	Tops Technology
7	Seminar on Web Analytics tool in Digital Marketing	Mr. Suresh Vinjun	68	IANI
8	Seminar on From Bugs to Brilliance : SE Essentials	Miss Ritika Maheshwari	40	Alumni
9	Hands-on Session on From Bugs to Brilliance: A Deep Dive into Testing Strategies	Miss Aachal Agrawal	99	Alumni
10	Seminar on Spoken English and Soft Skills	Miss Ruchika Sharma	43	CarrerLine
11	Seminar on Career Guidance and Opportunities	Mr. Shahezad	78	Satic Updates Career Club
12	Hands-on Session on Content Creation in Digital Marketing	Ms. Rina Bhatt	66	White space services
13	Hands-on Session on Python Programming	Mr. Sagar Khatri	87	BrainyBeam Technologies Pvt. Ltd
14	Hands-on Session on Social Media Marketing	Mr. Hiren Shrimali	85	Tops Technology
15	Seminar on AI/ML	Mr. Chintan Nagrecha	60	Infolabz Pvt. Ltd.
16	Industry Connect Session	Mr. A D Ruparelia	IT,CE,EC, Bio Faculties	Eurotech Power Controls

GLIMPSE OF DEPARTMENTAL ACTIVITIES



Technical Debate competition



Seminar on Python



Seminar on Bugs to Brilliance Software Testing



Seminar on Digital Marketing



Hands on Session on Content Creation in Digital Marketing



Seminar on Career opportunities and placement



Seminar on From Bugs to Brilliance : SE Essentials



Seminar on Spoken English and soft skills



Seminar on Career Guidance and opportunities



Social media Marketing



Introduction to AI



Industry Connect

FACULTY ACIEVEMENTS



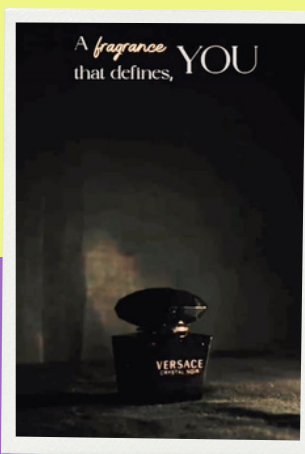
Congratutlaions!

- Mrs. Rikita D. Parekh secure 100% score in NPTEL Faculty development program for faculty under the title "Education for Sustainable Devoloment".
- Mrs. Rikita D. Parekh and Ms. Hemali L. Vithalani are pursuing PhD.



FACULTY TRAINING DETAILS FOR TERM -242 (JAN - JUNE 2025)

Sr no	Name of Faculty	Title of Training	Duration
1	Nandu Fatak	Intellectual Property Rights(patents,Trademarks)	17/3/2025 to 22/05/2025
2	Harsha P. Chauhan	Education for sustainable Development	20/01/2025 to 11/04/2025
3	Rikita D. Parekh	Education for sustainable Development	20/01/2025 to 11/04/2025
4	Abhilasha S. Shrivastav	Education for sustainable Development	20/01/2025 to 11/04/2025
		Comprehensive Fire Safety and Disaster Miligation	07/04/2025 to 11/04/2025
5	Pooja V. Garach	Education for sustainable Development	20/01/2025 to 11/04/2025
6	Hemali L. Vithalani	Philosophy and critical thinking	06/01/2025 to 31/03/2025
7	Hardika P. Pandya	Philosophy and critical thinking	06/01/2025 to 31/03/2025
8	Nimisha K. Rathod	Education for sustainable Development	20/01/2025 to 11/04/2025



FACULTY CORNER

OUTCOME BASED LEARNING

Digital marketing is rapidly evolving, with video content emerging as a dominant format across platforms such as YouTube, Instagram, Facebook, and LinkedIn. As part of outcome-based learning in the subject of Digital Marketing, Students(Nirali & Harvi) created a short commercial advertisement to promote a product, luxury perfume for women. This hands-on project helped students to apply theoretical concepts such as market targeting, branding, and call-to-action strategies through real-world content creation. By scripting, editing a 40-second ad students gained practical skills in video marketing and digital promotion. The project outcomes demonstrated their ability to translate classroom knowledge into effective marketing communication, aligning with the intended learning outcomes of creativity, digital literacy, and strategic thinking.

-Nimisha K. Rathod

The Unsung Hero

Someone who does not let their children
know the value of zero!

Forever the load bearing wall,
On whose shoulder one always feels like
THE TALLEST OF ALL.

Invariably: The protective gear,
For his children he doesn't mind being
the rear view mirror.

Most of all, the omnipresent air,
Without whom we couldn't have flared.

Mitali Dave

DEEPSEEK: THE RISING FORCE IN AI AND LANGUAGE MODELS

"From code to conversation, DeepSeek is a leap toward machines that understand us better than ever before."

Liang Wenfeng, a Zhejiang University graduate with a background in electronic information and communication engineering, founded DeepSeek in July 2023 in Hangzhou, China. DeepSeek is a relatively new AI project developed by a Chinese tech research team aiming to create powerful, open-source large language models (LLMs) similar to GPT (by OpenAI) and LLaMA (by Meta). The project quickly gained attention for offering high-quality models for both natural language understanding and coding tasks.

One of the key milestones in DeepSeek's development was the release of DeepSeek-VL (Vision-Language) and DeepSeek-Coder, which brought multimodal capabilities (text + image) and strong programming support to the AI landscape. By early 2024, DeepSeek-Coder had already surpassed many popular models in benchmarks related to code generation and completion. The team behind DeepSeek released their models on open platforms like Hugging Face, encouraging collaboration and improvements from the global AI community.

Its strong performance in both general and technical domains makes DeepSeek interesting. For example, DeepSeek-Coder trained specifically on programming languages like Python, Java, C++, and HTML, enabling it to generate clean and optimized code from natural language prompts. DeepSeek-VL can analyse images and answer related questions—useful in applications like medical diagnosis, security systems, and smart surveillance. It also supports reasoning tasks like math solving, logic puzzles, and code debugging.

DeepSeek stands out not only for its performance but also for its commitment to open-source research and bilingual training (English + Chinese). Its development is part of a growing trend in Asia to build home grown AI solutions that can compete globally while offering transparency and adaptability to developers and researchers.

-Rikita D. Parekh

कौन है यह माधव ?

आखिर कौन है यह माधव ?
विकट राह से सरलता की मुस्कान, है, यह माधव !
रोज़ की थकावट की राहत है, यह माधव !
मुश्किल जीवन में आनंद की आंस है, यह माधव !
किसी की दुश्मनी के प्यार की वजह है यह माधव ?
हारे हुए की जीत है, यह माधव !
मृत की मुक्ति है, यह माधव !
किसी की आह! पुकार का जवाब है, यह माधव !
संत का संकल्प है यह माधव !
दुष्ट का डर है, यह माधव !
प्रेमीओ का आदर्श है, यह माधव !
त्यागीओ का त्यागी है, यह माधव !
किसी की भक्ति भाव यह माधव !
हर सवाल की गीता है, यह माधव !
सुखे में बारिश की बुंद है, यह माधव !
सुदामा की मित्रता है, यह माधव !
प्रजा की सुरक्षा के लिए रणछोड़ है यह माधव !
बेचैनी में सिर पर होनेवाला हाथ है, यह माधव !
चोट की पीड़ा महसूस करनेवाला माँ है, यह माधव !
हर पल साथ निभाने वाला साथी ,यह माधव !
कितना भी चाहे समझा लु, कम है!
आखिर मेरे पुरे जीवन का आधार है माधव !

By : Pari Kansagara(4th Sem)



Debate competition



Pizza Party after KHO KHO match



KHO KHO Team

STUDENT CORNER

Maange bina jo samay de, wahi
apna lagta hai,
Bina kahe jo hal padh le, wahi
apna sa lagta hai.
Pyaar aur dosti dono mein farq
hota hai yaar,
Mange bina jo de sab kuch,
wahi hota hai saccha yaar
Sambhal le jo bina awaaz ke,
Muskurahat de har andher raat
ko
Jo pyaar jataaye nahi, par
nibhata rahe,
Jo waqt ke bina kahe saath
nibhaata rahe,

By : Tanish Vaghela(4th Sem)

The Rise of AI Cybercrime

-->Faster, Smarter, and More Dangerous

● By 2025, generative AI will be a part of cybercriminal operations, and attacks will be more customized, automated, and in some cases, undetectable. Security experts are sounding the alarm about AI-enabled swarm attacks, autonomous malware, and AI-generated disinformation attacks that can devastate businesses and governments alike.

-->Why Will 2025 Be a Turning Point?

- AI tools are cheaper and easier to obtain—hackers no longer require expertise to launch sophisticated attacks.
- Defenses are overwhelmed—traditional security measures are inadequate against AI-adaptive threats.
- Deepfake fraud is exploding—financial fraud, identity fraud, and political fraud are all at an all-time high.

-->Top 3 AI Cyber Threats in 2025

1. **AI-Based Threat Hunting:** ● AI capabilities integrated with next-gen SIEM systems facilitate the identification of behavioral anomalies (e.g. an employee accessing sensitive files at 3 AM). ● Autonomous penetration testing and AI red teams provide organizations with automated attacks before criminal actors find vulnerabilities to exploit them.

2. **Quantum-Resistant Encryption & Biometric MFA:** ● Passwords are completely replaced with passkeys and FIDO

3. **Authentication:** ● Liveness detection is standardized, which may block deep fake logins. 3. **Global AI Cyber Defense Partnerships:** ● AI threat intel is provided by governments and technology in real time, and we start seeing "AI Cyber Peacekeeping." UN-backed teams on the ground disrupt botnets and take down servers providing AI malware. stream)

-->Looking to the Future: AI vs AI Cyber Warfare

- AI-driven misinformation disrupts the elections in 2025 in the US, EU and Asia.
- Autonomous hacking drones target critical infrastructure (i.e. power grids and water systems).
- Ethical hackers provide counter-AI - generating models that flood scammers with fictitious data.

By : Vanshika(4th Sem)



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.