



**Ms. Vinita Rohera**  
Vice President

I am delighted to extend a heartfelt welcome to the new batch of 2024-25 to our University. This year marks a significant milestone in our Journey as the University proudly boasts with Asia's first AI-enabled Campus. With our AI modules, we aim to provide a personalized, dynamic and adaptive learning environment that fosters creativity, collaboration, and critical thinking. The integration of AI into our academic ecosystem will not only enhance teaching methodologies but also empower our students with the skills and knowledge to excel in an ever-evolving global landscape.



**Prof. (Dr.) Kamlesh V. N.**  
Vice Chancellor

As we embark on this academic year, I am filled with excitement and optimism for the journey ahead. This year holds special significance as we welcome a new batch of bright minds into our university family, ready to challenge themselves, innovate, and contribute to a rapidly evolving world. What makes this academic session truly exceptional is that we are entering a new era of education as "Asia's first AI-enabled campus". This transformative step puts us at the forefront of modern education, fostering a dynamic environment where creativity meets innovation. Together, let us create a future where education is not only a tool for personal growth but also a force for global progress.

### Editors

**Chief Editor :**

Dr. Sneha Patel

**Editors :**

Mr. Yash Danecha  
Ms. Rupam Gupta

## TOP STORIES

### CELEBRATING EXCELLENCE: HONORING ACHIEVEMENT AT THE UNIVERSITY

Gandhinagar University had proved its commitment to foster future generation professionals, which led us to honor with **Excellence and Healthcare Award** by B.K.News for being Asia's first AI enabled Campus on September 20, 2024. The University is also pleased to announce that our commitment to excellence and resource have led us to achieve an Prestigious **Bharat ke Ratna Award** by Divya Bhaskar on September 26, 2024.



### A GUIDE SESSION ON " CROSS-CULTURAL ASPECTS UNITING INDIA AND BRAZIL "

Gandhinagar Institute of Liberal Studies organized an expert session on "Cross-Cultural Aspects Uniting India and Brazil" on September 27, 2024, where Dr. Lum covered various key cross-cultural aspects, such as colonial heritage and experience, cultural festivals and traditions, colorful festivals, spirituality and religion, dance and music, rhythmic traditions, musical instruments, similarities and differences in cuisine, spices and flavors, vegetarianism versus non-vegetarianism, family values and community life, strong family ties, hospitality, and sports and national identity, such as cricket and football. She provided detailed insights into these topics during her session. Dr. Lum also explored important points that students should consider before studying abroad, particularly in Brazil. She showcased her respect for nature and culture by sharing her experiences from her visit to Gujarat, India. Additionally, she discussed financial aspects like trade and investment between the two countries.

## CAMPUS DRIVE

Our warmest congratulations to the Placement Cell and all the students who have successfully secured placements with prestigious organizations this quarter. Your commitment, determination, and hard work have truly paid off, and we are incredibly proud of your accomplishments. Over ten students from diverse branches have been selected by leading companies across various sectors, including Software Solutions, IT, Manufacturing, and Health Care.



### At a Glance

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## ACTIVITIES

### ORIENTATION PROGRAMME

Gandhinagar university welcomed its new students with an unforgettable orientation program on August 03, 2024. The day began with a traditional lamp lighting ceremony, symbolizing the start of a new journey, followed by an inspiring Ganesh Vandana performance. Highlights of the event included an energetic dance routine to the university's theme song. Manan Desai, a celebrated Indian actor, comedian, and content creator, brings his vibrant energy to the event. His presence added a special touch to the celebration. The Student of the Year award was a significant highlight, celebrating exceptional achievements in academics, leadership and community service.



### INDUCTION PROGRAM 2024 BY GIT

Gandhinagar Institute of Technology (GIT) conducted an Induction Program – 2024 (IP-24) for the newly admitted B.Tech. First Year students during August 05, 2024 to August 17, 2024. The program aims to help students adjust to their new environment, foster openness, establish a healthy daily routine, build connections within the batch and between students and faculty, and develop self-awareness, as well as sensitivity and understanding toward others, society, and nature. It was organized with different phases and activities.

### GIT: FAREWELL PROGRAM 2024

Gandhinagar Institute of Technology (GIT) organized the Farewell Program 2024 for the pass out students of 2024 batch - Mechanical, Civil, Information Technology, Electronics & Communications, Electrical and Computer Engineering on August 03, 2024.. More than 180 students attended to celebrate their achievements and create lasting memories. The program honored top-performing students with certificates of achievement. The event concluded with an informal networking session where attendees enjoyed refreshments, shared stories, and made plans for the future.



### GURU PURNIMA CELEBRATION

Gandhinagar University celebrated Guru Purnima Day on July 20, 2024. The day was celebrated by practicing two ceremonies: Charan Sparsh ceremony and Tilak ceremony. Students voluntarily participated in this celebration to continue the diverse legacy of Indian Culture.



### FRIENDSHIP DAY CELEBRATION

Gandhinagar University's Friendship Day Celebration was a vibrant and joyous event, highlighted by the distribution of the iconic GU Friendship Bands on August 03, 2024. Students eagerly exchanged these bands, which have become a cherished symbol of their bonds and unity at Gandhinagar University. The main event took place at the Amphitheatre and featured a variety of activities, including a Jamming Session, Open Mic, interactive games, and a T-Shirt Signature event. The atmosphere was alive with music, laughter, and camaraderie.



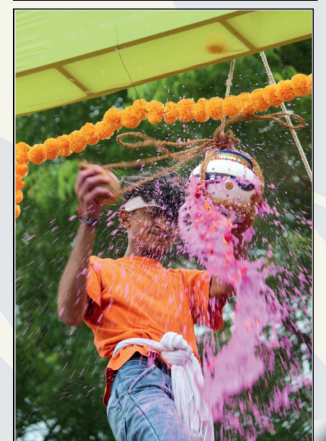
### INDEPENDENCE DAY CELEBRATION

Gandhinagar University enthusiastically celebrated 78<sup>th</sup> Independence Day. Shri Anilkumar Thakur, Deputy Inspector General- Border Security Force (Provisioning Gujarat) was the chief guest of this function. Comdt Devansh Trivedi, TM Retd. Indian Coast Guard and Wing Cdr Nishit Burman Retd. Indian Air Force were guests of honor. Flag Hoisting was followed by cultural programs. The Students participated in various cultural events like group dance and group singing. The election result for General Secretary (Student) was declared on this day. Elected General Secretary and Assistant General Secretary were felicitated on the day.



### NANDOTSAV CELEBRATION

Gandhinagar University celebrated Nandotsav 2024 on August 23, 2024. Students and family members of Gandhinagar University enthusiastically involved themselves in Nandotsav celebration. It started with Kanhaji puja and arti followed by various cultural events by the students. Total 185 students participated in various cultural events like group singing, group dance, play (act) and dahi handi. The Nandkishor team completed the dahi handi competition in the lesser time and won the competition. The GU Family enjoyed garba on the occasion of Nandotsav.



## GANPATI MAHOTSAV

Gandhinagar University celebrated Ganpati Mahotsav on September 09, 2024. The day started with Ganpati sthapna followed by cultural events like group dance, group singing and Ganpati idol making competition. Total forty students participated in various cultural performances. Ecofriendly ganpati was the theme for ganpati idol making competition. Ganpati visarjan was made special by the presence of Ranadhya Tasha team-Nashik Dhol team. Group of 30 students worshiped lord Ganpati by lezim dance during visarjan.



## MOVIE PROMOTION - FAKT PUROSHO MATE AND UDANCHOO

Exclusive Film Promotion of the movie "Fakt Purusho Mate" was organized on August 06, 2024. Star cast from the movie Yash Soni, Esha Kansara and Mitra Gadhavi presented the film in brief. The Star cast from the movie "Udan Chhoo"- Deven Bhojani, Prachi Shah Pandya, Arjav Trivedi and Arohi patel entertained the students and gave a glimpse of the movie on August 31, 2024.



## TEACHERS' DAY CELEBRATION AT GU

Gandhinagar University celebrated Teachers' Day on September 05, 2024 giving best wishes to all the teachers of GU Family . Gandhinagar Institute of Science also celebrated Teacher's Day with great enthusiasm and respect. The event of GIS started with a welcome ceremony followed by games, fun activities and a teacher's felicitation ceremony. Students expressed their gratitude and appreciation for the teaching faculty who plays a significant role in shaping their lives. Gandhinagar Institute of Pharmacy also celebrated Teacher's Day on September 05, 2024. Students played the role of the Professor and conducted lab and lectures. Best teacher recognition was given by evaluating their performances in the lab and lectures by judges. Mr. Parth Kanani, a third semester student, had played the role of Principal of GIP and managed his staff on the day.



### REDFM KE TASHANBAAZ

The talent hunt "RedFM ke Tashanbaaz " was conducted by RedFM at Gandhinagar University campus on September 11, 2024. The students showed their talent like dancing, singing, instruments playing etc. Students energetically performed on that day and few of them got selected.



### KAGAZI EXHIBITION AT GID

Gandhinagar Institute of Design, Gandhinagar University organized a captivating Paper Mache Exhibition on August 21, 2024, showcasing the creativity and innovation of diploma and bachelor students. With great passion and enthusiasm, the students displayed a wide array of intricate paper mache art pieces, highlighting both traditional techniques and contemporary designs. The exhibition celebrated the transformative power of sustainable materials and artistic expression, offering a platform for students to demonstrate their skills and explore the versatility of paper mache. The event was met with admiration and appreciation, reflecting the growing interest in eco-friendly art forms and creative craftsmanship.

### MBSI STUDENT UNIT INAUGURATION AT GIS

Gandhinagar Institute of Science, Gandhinagar University had a privilege to become an event partner with MICROBIOLOGY SOCIETY OF INDIA (MBSI) for MBSI Student Unit and Rangoli Competition-2024. As a part of this partnership, Gandhinagar University hosted an expert talk on September 20, 2024 at Gandhinagar University campus. Dr. Gaurav Shah, Associate Professor & Head, Department of Biotechnology, Vir Narmad South Gujarat University (VNSGU), Surat; State President MBSI, Guest of Honour imparted knowledge on "Microbiologists as Innovators: Contribution to Global Challenges".



### CELEBRATION OF STUDENT INNOVATION FEST - 2024 AT GIS

Gandhinagar Institute of Science, Gandhinagar University had organized an Expert talk on Innovation and Startups in Gujarat: Academic Perspectives in association with SSIP on August 09, 2024 under Vigyan Gurjari. Vigyan Gurjari is organizing National Level "Student Innovation Fest (SIF) 2024" from August 01 – August 12, 2024 and Gandhinagar University had a privilege of becoming an event partner for the same, as a part of which it hosted an "expert lecture" by Prof (Dr.) Vaibhav Bhatt on the topic in the campus.

## FOUNDATION DAY CELEBRATION AT GIP

Gandhinagar Institute of Pharmacy celebrated its First Foundation Day on September 05, 2024. The event started with the inauguration function. Ms. Vinita Rohera, Vice President, GU and Dr. Kamlesh V. N., Vice Chancellor, GU inspired students by their insightful words. The students were felicitated for their achievements by giving certificates and books.

## CELEBRATION OF 4TH PHARMACOVIGILANCE WEEK 2024 AT GIP

Gandhinagar Institute of Pharmacy celebrated 4<sup>th</sup> Pharmacovigilance Week 2024 on September 23, 2024 on the theme "Build ADR reporting culture for patient safety". Dr. Mukesh Vora-Professor and Head from Pharmacology Department, GMERS Medical College delivered an expert talk on "Pharmacovigilance and Pharmacovigilance programme of India (PvPI)- Role of health care professions. He emphasized on the essential role and responsibilities of pharmacists in ADR reporting. The Students of B.Pharm third semester, actively took part in the awareness of ADR throughout the campus.

## CELEBRATION OF WORLD PHARMACIST DAY 2024 AT GIP

Gandhinagar Institute of Pharmacy celebrated World Pharmacist Day 2024 on September 25, 2024 The event started by making the remarkable human chain representing Rx. Various events like Pharma Poster, Pharma Elocution and Pharma Rangoli. Health check up camp was inaugurated by Hon. President Shree Haresh Rohera and Dr. Kamlesh V.N. More than 100 participants benefited from the health check up camp. The measurement of blood pressure, blood sugar and BMI was done and guidance was given by expert pharmacists regarding their reports. More than 50 students had participated in all the events. At the end of the event, results were announced. The event concluded with the emphasizing the theme of the day "Pharmacist Meeting Global Health Needs".



## STUDENT ACHIEVEMENTS

- Khushi Chitania was awarded Student of the Year in the Orientation programme on August 03, 2024.
- Jui Bhide (230306017002) and Khushi Chitania (230309023001) were awarded Best student award (UG and PG) in MBSI student Award at GIS on September 20, 2024.
- Disha Smart performed the role of best teacher on account of Teachers day Celebration at Gandhinagar Institute of Pharmacy on September 05, 2024.
- Jaysinh Parmar and Tvara Pandya were awarded 1st rank and 2nd rank for Pharma Elocution on account of World Pharmacist Day on September 25, 2024.
- Nidhi Shah and Taniya Kapadiya were awarded 1st rank for the Pharma Poster Competition on World Pharmacist Day on September 25, 2024.
- Tvara Pandya was awarded 2nd rank for the Pharma Poster Competition on World Pharmacist Day on September 25, 2024.
- Krishna Nayak and Rishwa Vora were awarded 1st rank for the Pharma Rangoli Competition on World Pharmacist Day on September 25, 2024.
- Khushi Chitania, Tanvi Patel, Nikita Patel attended hands on training on "Gene Cloning in Escherichia coli From lab to market, organized by Department of biosciences, School of Science, Indrashil University on July 30, 2024
- Reena Panchal & Patel Nisha participated in the GSBTM sponsored workshop on "Regeneration of Endangered Plant species by Tissue culture Technology and its Pharmaceutical Applications", organized by the Department of Biotechnology. Silver Oak Institute of Science, Silver Oak University, Ahmedabad on August 29 - August 30, 2024.
- Dhyan Gohil participated in Shodh Darshan programme at National Institute of Pharmaceutical Education & Research (NIPER) organized by Vigyan Gurjari on September 28, 2024.
- Khushi Chitania organized a one day workshop on reptile rendezvous: rescue, rehabilitation and safety measures during snake encounter, on World Snake day, Geer Foundation which was attended by the student of GIS Ms. Khushi Chitania during her internship on July 16, 2024.
- Tanvi Patel, Nikita Patel, Dhenvi Patel & Prapti Kotak presented a Poster on "Biological challenges of Living in Space", organized by Gujarat Technological University (GTU), on the occasion of National Space Day on August 23, 2024.
- Tanvi Patel, Nikita Patel, Dhruvi Padhiyar & Dhvani Gohil participated in Biopuzzle making competition organized by Microbiologists Society, India on August 30, 2024.

## FACULTY ACHIEVEMENTS

### Dr. Rajan Patel (GIT-CE)

- Session Chair in the Springer's LNNS Series (ISSN: 2367-3370): Third World Conference on Information Systems for Business Management (ISBM), Bangkok on September 09, 2024.

### Dr. Virendra Chavda (MBA)

- Appointed as an External Examiner for Summer Internship Project Viva at Sardar Vallabhbhai Global University on August 10, 2024.

### Dr. Shreya Modi (GIS- Microbiology & Biotechnology)

- Delivered a talk on "Science behind Hydrogen" & "Hydrogen Derivatives & Significance", organized by Hydrocarbon Sector Skill Council, for NCC cadets at Law Garden, Ahmedabad on September 23, 2024.

### Dr. Kaushik Kanada (GIP)

- Invited as a speaker for GSPC sponsored two days refreshers' course organized by LJIP on August 08 and August 09, 2024.
- Attended a brain Storming workshop on Pathways to progress: Implementing NEP 2020 in Pharmacy Education" Organized by GSPC, Ahmedabad in association with LMCP, Ahmedabad on August 08, 2024.

## PUBLICATIONS

- Kaushal Patel, **Gautam Patel**; "Solution of Klein-Gordon Equation by a Method of Lines Using Reproducing Kernel Hilbert Space Method", Journal of Partial Differential Equations; Volume No. 37, Issue No. 3, Page No: 251 - 262; (2024). (doi: 10.4208/jpde.v37.n3.2)
- Sameer Chabhadiya, **D.K. Acharya**, Amitsinh Mangrola, Rupal Shah, Edwin A. Pithawala; "Unlocking the potential of biosurfactants: Innovations in metabolic and genetic engineering for sustainable industrial and environmental solutions", Biotechnology Notes; Volume No. 5, Page No: 111-119; (2024). (<https://doi.org/10.1016/j.biotno.2024.07.001>)
- Segu Prathyusha, Sunil Harer, Vinay Sagar Verma, Arpan Kumar Tripathi, Prashant Nayak, Sweety Lanjhiyana, Sanjay Lanjhiyana, Meesala Sudhakar, **D. K. Acharya**, Gopal Vijaykumar Lohiya; "Lactobacillus Gel's Anti-Inflammatory Properties in Male Wistar Rats with Paw Edema Induced by Carrageenan", Volume No. 6 Issue No. 6, Page No: 7647-7659; (2024). (doi: 10.33472/AFJBS.6.6.2024.7647-7659)
- Jigneshkumar Parmar, Avani Patel, Dax Patel, Sarfaraz Ahmed, **Rakesh Kumar Ameta**, Trinitrophenol Removal and Recovery from Aqueous Solution Using CTAB-Mo7O246--BSA Conjugates: Estimated by XRD, FTIR, Adsorption Isotherm and Kinetic Analysis, Chemistry Africa, (2024). 2522-5766, (<https://doi.org/10.1007/s42250-024-01069-z>)
- Kunjal Soni, **Rakesh Kumar Ameta**; "Advancements in MXene-based electrocatalysts for hydrogen evolution reaction processes: A comprehensive review, Journal of Alloys and Compounds Communications", 2, 2024, 100016, ISSN: 2950-284 (<https://doi.org/10.1016/j.jacomc.2024.100016>)
- **Nakul Kumar** et. al.; "Green Synthesized Nanoparticles and Different Domains of their Applications"; Page No.: 115-129 (15); August 2024 (DOI: 10.2174/9789815238969124010009)
- **Nakul Kumar** et. al.; "Phytoremediation/Phytoextraction: A Sustainable Approach to the Restoration of Chromium Contaminated Soil"; Page No.: 182-207 (26); August 2024. (DOI: 10.2174/9789815238969124010012)
- **Chintan T. Barelwala**; "Technological Innovations in Steam and Boiler Systems", 15th National Conference on "Boiler and Steam Systems" - STEAMTECH 2024, J.B. Auditorium, Ahmedabad management association, IIM-A Road, Ahmedabad, India; 14th September 2024, Page No.: 22-26.
- Tosha Pandya, Shruti Patel, **Mangesh Kulkarni**, Yash Raj Singh, Akruiti Khodakiya, Sankha Bhattacharya, and Bhupendra Prajapati; "Zeolite-based nanoparticles drug delivery systems in modern pharmaceutical research and environmental remediation." Heliyon Open Access; IF: 3.4; Published: 16th August, 2024 (<https://doi.org/10.1016/j.heliyon.2024.e36417>)

## RESEARCH AND INNOVATION

- A Patent on Artificial intelligence-enable device for virtual screening of ultra-large chemical libraries with deep docking has been filed by Dr. Dhaval Acharya and Dr Rachana Shukla on August 14, 2024 (Application No 6384387) and issued on August 21, 2024.
- A Patent on AI-Enable spectrometric device for the detection of total alkaloids in plant extract has been filed by Dr. Dhaval Acharya on 14th August ,2024 (Application No 6384387) and issued on August 20, 2024.
- A Patent on microfluidic rapid and automatic analytical device to detect HIV from whole blood samples has been filed by Ms. Mukti A Jadav on July 16, 2024 (Application No 423348-001) and issued on July 16, 2024.
- A Patent on Digital plethysmometer has been filed by Ms. Mukti A Jadav on May 29, 2024 (Application No 423348-001) and issued on September 29, 2024.

## INDUSTRIAL VISIT



Industrial visit for the students of B.Sc and M.Sc (Gandhinagar Institute of Science) at Anand Agricultural University

## NPTEL STARS

- Ukani Vedant (200120116062) got NPTEL Discipline Star.

## PROGRAMMES OFFERED

### Gandhinagar Institute of Technology

**Diploma in Technology/B.Tech.** Civil Engineering | Computer Engineering | Electrical Engineering | Electronics & Communication Engg. | Information Technology | Mechanical Engineering | Computer Science and Engineering | Information and Communication Technology | Cyber Security | Artificial Intelligence

**M.Tech.** CAD/CAM | Thermal Engineering | Software Engineering | Cyber Security

### Gandhinagar Institute of Management

**BBA/BBA (Hons)**

**MBA** Human Resource | Marketing | Finance | Information Technology | Hospital and Healthcare Management | Aviation Management | Event Management

**PGDM** Hospital and Healthcare Management

### Gandhinagar Institute of Science

**B.Sc.** Chemistry | Physics | Mathematics | Botany | Microbiology | Environmental Science | Nutrition | MLT

**B.Sc.(Hons.)** Chemistry | Physics | Mathematics | Botany | Microbiology | Environmental Science | Nutrition | DMLT

**M.Sc.** Chemistry | Physics | Mathematics | Microbiology | Environmental Science | PGDMLT

**M.Sc.(Hons.)** Chemistry | Physics | Microbiology | Mathematics

### Gandhinagar Institute of Pharmacy

**B.Pharm**

**D.Pharm**

### Gandhinagar Institute of Nursing

**ANM | GNM | B. Sc. Nursing**

### Gandhinagar Institute of Vocational Courses

**D.Voc.** Information Technology

**B.Voc.** Artificial Intelligence, International Sports, Digital Marketing, Information Technology, Journalism & Mass Communication

### Gandhinagar Institute of Commerce

**B.Com./B.Com.(Hons.)**

**M.Com.** Statistics and Finance | Advanced Accountancy and Business Management

### Gandhinagar Institute of Computer Science & Applications

**B.C.A./B.C.A.(Hons.)**

**B.Sc./B.Sc.(Hons.)** Computer Science | Information Technology | Data Science

**M.Sc.** Information Technology (Integrated)

### Gandhinagar Institute of Skill Development

**Skill Development Certificate Courses**

### Gandhinagar Institute of Liberal Studies

**B.A./B.A.(Hons.)** English | Gujarati | Hindi | Political Science | Psychology | Economics | Sociology

**M.A.** English | Gujarati | Hindi | Political Science | Psychology | Economics | Sociology

### Gandhinagar Institute of Law

**LLB**

**BA, LLB**

**BBA**

**LLM**

### Gandhinagar Institute of Valuation Studies

**M.Sc.** Real Estate Valuation | Plant and Machinery Valuation

### Gandhinagar Institute of Research and Development

**Ph.D.** Engineering | Management | Science | Computer Science | Arts | Commerce | Valuation | Law | Library & Information Science

### Gandhinagar Institute of Design

**B.Des.**

**M. Des.**

### Gandhinagar Institute of Library & Information Science

**B. L.Sc. | M.L.I.Sc.**



## GANDHINAGAR UNIVERSITY

(Established and Incorporated under Gujarat Private Universities Act 2009 Amendment: Guj. 7 of 2022)

University Campus, Khatraj-Kalol Road, Moti Bhojan, Ta. Kalol, Dist. Gandhinagar-382721

☎ 9904405900/01

✉ vc@gandhinagaruni.ac.in, registrar@gandhinagaruni.ac.in

🌐 [www.gandhinagaruni.ac.in](http://www.gandhinagaruni.ac.in)

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