



**Gujarat
Technological
University**

INTERNATIONAL INNOVATIVE UNIVERSITY

ACCREDITED WITH



74TH ANNUAL CONVOCATION

TUESDAY
28TH JANUARY 2025

UNIVERSITY REPORT



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GTU Song

जीटीयू जीटीयू, समुचित ज्ञान समन्वय ॥
जनकल्याण का अडिग हिमालय, गुजरात तकनीकी विश्वविद्यालय ।
जीटीयू जीटीयू, समुचित ज्ञान समन्वय ॥

इनोवेशन की मशाल उठाए, ज्ञान को चारों ओर फैलाए,
विश्वकर्मा की कृपा को पाकर, विश्वफलक पर शान बढ़ाए ।
नवीनता की खुशबू से जो, भारत का कण - कण महकाए,
ज्ञानपिपासु शिष्यवृंद की, तपोसाधना सफल बनाए ।
जीटीयू जीटीयू, समुचित ज्ञान समन्वय ॥

अनुभवी शिक्षक कौशल बढ़ाएं, पर-हित का ही पाठ पढ़ाए,
अनुसंधान और ज्ञान का संगम, भावी पीढ़ी उज्ज्वल बनाए ।
आत्मनिर्भर युवा बने और शिक्षित विकसित राष्ट्र कहाए,
गौरव मात- पिता का बढ़ाए, हर मन में विश्वास जगाए ।
जीटीयू जीटीयू, समुचित ज्ञान समन्वय ॥

विकास का यही क्रम दोहराएं, जीटीयू को सर्वश्रेष्ठ बनाएं,
हासिल करके उच्च सफलता, शिक्षा जगत में क्रांति लाएँ ।
सिद्धपुर- सोमनाथ सूरत से, कच्छ तलक फैला ज्ञानालय,
अपार संजोए संभावना, गुजरात तकनीकी विश्वविद्यालय ।
जीटीयू जीटीयू, समुचित ज्ञान समन्वय ॥

जनकल्याण का अडिग हिमालय, गुजरात तकनीकी विश्वविद्यालय ।
जीटीयू जीटीयू, समुचित ज्ञान समन्वय ॥

MESSAGE FROM HON'BLE EDUCATION MINISTER



Letter No. 07/2025
Dt.08.01.2025

MESSAGE

I am truly thrilled to offer my heartfelt congratulations to Gujarat Technological University on the occasion of its 14th Convocation. This momentous event is a testament to the hard work, perseverance and achievements of the graduating students, as well as the steadfast support and guidance provided by the university's faculty, staff and leadership.

GTU continues to be a trailblazer in the successful implementation of the National Education Policy (NEP) 2020, fostering a multidisciplinary approach to education, skill development and innovation. Noteworthy achievements include GTU's recognition as the leading University in Gujarat for Academic Bank of Credits (ABC) account creation and credit transfer facilitation. The successful hosting of the Vice-Chancellor's Conclave, which convened eminent academic leaders, further highlights GTU's proactive role in driving innovation, quality enhancement and sustainable development in higher education.

To the graduating students, I extend my warmest wishes as you embark on the next chapter of your lives. This moment marks not just the end of an academic chapter but the beginning of your journey as leaders and innovators. As you move forward, remember that you carry the hopes and aspirations of the nation. Embrace the good values instilled by your parents, your elders and your teachers at GTU, strive for excellence and play a vital role in contributing to the creation of a self-reliant and prosperous India.

I am confident that GTU will remain a guiding light of progress, unwavering in its commitment to fostering long-term societal development through its focus on innovation and advancement.

Warm Regards,

RUSHIKESH PATEL

Minister,

Health & Family Welfare and Medical Education, Higher and Technical Education,
Law, Justice, Legislative & Parliamentary Affairs,
Government of Gujarat

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MESSAGE FROM ADDITIONAL CHIEF SECRETARY, HIGHER & TECHNICAL EDUCATION

Sunaina Tomar, I.A.S.
Additional Chief Secretary
(Higher & Technical Education)



Education Department
Government of Gujarat
Block No. 5, 8th Floor
Sardar Bhavan, New Sachivalaya
Gandhinagar - 382010.

Date :

MESSAGE

I extend my heartfelt congratulations to Gujarat Technological University on the occasion of its 14th Convocation. This milestone is a celebration of the hard work and dedication of students, faculty, and the entire GTU community.

GTU has been at the forefront of implementing the National Education Policy (NEP) 2020, promoting multidisciplinary education, skill development, and innovation. Its commitment to creating a learner-centric environment aligns seamlessly with the vision of NEP, preparing students for the challenges of the future.

A remarkable achievement this year has been GTU's recognition as the top-ranked university in Gujarat for Academic Bank of Credits (ABC) account creation and seamless credit transfers. The successful hosting of the Vice-Chancellor's Conclave brought together academic leaders to discuss innovation, quality enhancement, and sustainability in higher education, reaffirming GTU's pivotal role in shaping the academic landscape.

To the graduating students, I encourage you to carry forward the values and knowledge imparted by GTU. Embrace lifelong learning and work towards building a better and self-reliant India.

Congratulations to all stakeholders for their outstanding contributions to GTU's success. May the university continue to illuminate the path of excellence in higher education.


(Sunaina Tomar)

REPORT BY HON'BLE VICE CHANCELLOR

Namaskar

Shri Acharya Devvratji, Honourable Governor of Gujarat and Chancellor, Gujarat Technological University; **Shri Rushikesh Patel**, Honourable Health and Family Welfare and Medical Education Minister, Higher and Technical Education, Law, Justice, Legislative and Parliamentary Affairs Government of Gujarat; **Shri Jayant D. Patil**, Director and Vice President, L&T; **Smt. Sunaina Tomar**, IAS, Additional Chief Secretary, Higher and Technical Education, Government of Gujarat; **Dr. K. N. Kher**, Registrar; Members of the Board of Governors, Finance Committee, Academic Council, Research Council, Boards of

Studies, Deans, Associate Deans, Advisors, Students, Trustees/ Directors & Principals, Guests from Industries, Parents, Faculty Members, Staff and invited guests, it is my privilege to warmly welcome you all to the 14th Convocation of the University. I extend my heartfelt congratulations to all the students who will be receiving their degrees today. I also commend the faculty members and parents for their unwavering support and guidance, who played a vital role in the success of these students.

AWARDS & RECOGNITIONS

I am delighted to share about the University's achievements during 2024 –

- **Gujarat State Institutional Rating Framework (GSIRF) – 2024:** GTU achieved 5-star rating in GSIRF (Gujarat State Institutional Rating Framework) and stood in top 10 universities in Gujarat.
- **National Institute Ranking Framework (NIRF) 2024:** This year, GTU secured the following ranks in NIRF 2024:
 - The university was ranked in the top 100 universities under the 'State Public university' category.
 - GTU was ranked in the top 50 universities under the 'Innovation category'.
 - GTU School of Pharmacy secured 70th rank in the Pharmacy category in India.
- GTU received the Gold Award for Excellence in the Global Collaboration category in the **Economic Times Education Excellence Awards 2024**.
- GTU School of Engineering and Technology secured 5th rank as an emerging institute whereas our constituent college Gujarat Power Engineering and Research Institute (GPRI) ranked in the top 125 Private Engineering Institute of the **Times All India Annual Engineering Institute Ranking Survey-2024**.
- GTU achieved the 19th rank in the top technical universities in India 2024, as announced by **India Today's MDRA** (Marketing and Development Research Associates), and secured the 2nd rank in Gujarat.
- GTU stood 1st in Gujarat 2nd in India among 450 Universities to upload students' credit data on ABC portal.

DEGREE / DIPLOMA / PH.D. TO BE CONFERRED IN 14TH CONVOCATION

- I congratulate all **38,928 students** and **146 gold medal winners** who will receive degrees at this Convocation.
- To strengthen the entrepreneurship ecosystem, the best Startup incubated at GTU will also be given the gold medal.
- In this Convocation, **22,928 UG degrees** will be awarded. 18,295 undergraduate students in Engineering, 3298 undergraduate students in Pharmacy and 1335 undergraduate students in other disciplines will get the degrees.
- **4702 Masters degrees** will be awarded. 354 students of Master of Engineering, 637 students of Master of Pharmacy and 3711 students of other disciplines will get the degrees.
- **70 Doctoral degrees**, 10433 Diploma in Engineering and 364 Diploma in Pharmacy will be awarded.

FINANCIAL ASSISTANCE TO PROMOTE RESEARCH

The Internal Quality Assurance Cell (IQAC) of GTU has initiated schemes to promote research culture among faculty members. Following grants have been released in the A.Y. 2023-24 –

- **Seed Money Scheme (SMS):** Rs. 10,50,000/- were approved by the University in 7th cycle as Seed Money grant facilitating 12 faculty members of GTU Schools & GPERI.
- **Financial Assistance Scheme for Teachers (FAST):** Rs. 6,43,976/- was disbursed as financial assistance.
- **Staff Recognition Scheme (SRS):** 14 staff members were benefited by the scheme and Rs. 80,000/- was disbursed as a financial reward to them.
- **Administrative Staff Appreciation Policy (ASAP):** In the F.Y. 2022-23, 06 sections were awarded as Best Section and 17 employees were awarded as Best Employee under the scheme and Rs. 1,45,000/- disbursed as a financial reward to them.
- **Research Promotion Scheme for Affiliated Colleges to Conduct Minor Research Projects (RPS-MRP) -** Total sanctioned grant to affiliated institutes in 2nd cycle was Rs.11,65,000/- for conducting minor research projects. 51 faculty members from 20 affiliated colleges benefitted with this scheme.

ACADEMIC FRAMEWORK AS PER NEP-2020

Multidisciplinary & Holistic Education

- In Academic Year 2024-25, GTU offered 04 Diploma level programs, 10 UG level programs and 09 PG level programs for students of affiliated institutes and GTU schools.
- GTU offers Bachelor of Engineering (BE) in 40 branches and Master of Engineering (ME) in 47 branches.
- GTU has implemented National Education Policy (NEP-2020) and prepared a new credit framework for UG, PG and Diploma Engineering according to the National Credit Framework (NCrF) and implemented from A.Y. 2024-25.
- The revision of curriculum at Diploma, Undergraduate and Post-Graduate level in the disciplines of Engineering, Management, Computer Applications and Applied Science has been done to include all the components of NEP-2020 such as multidisciplinary and holistic education, skills integration, flexible and self-paced learning, international exposure, and industry-oriented courses from A.Y. 2024-25.
- More specifically weightage has been given to all categories - Humanities and Social Science, including Management Courses, Basic Science Courses, Engineering Science courses, Professional Core Courses, Professional Elective in domain of Specialization, Multidisciplinary Open Professional Electives Courses, Project Work, Skill-Based Course/Training, Internship in Industry and Courses as Environment Sciences, Indian Constitution, Essence of Indian Knowledge System besides the 1st semester induction program.
- Value based courses like Contributor Personality Development Program, Integrated Personality Development Course, Universal Human Values, Professional Communication and Ethics, Indian Constitution, Sports & Yoga are offered at various levels of programs.
- Implementation of MOOCs for Diploma, UG and PG Programs w.e.f. A.Y. 2024-25
- Introduced Multiple Entry – Multiple Exit Framework.
- Meritorious students can now apply for Ph.D. directly after 4 years of B.E.

Digital Empowerment & Online Education

- GTU implemented SAMRATH ERP and launched “GTU Sarthi” – an AI Chatbot on GTU Website.
- GTU has introduced 'MBA in International Business' in online mode under UGC entitled category from A.Y. 2024-25.
- The Academic Bank of Credits (ABC) has been implemented at university and till date more than 3.65 lakhs students have been successfully registered. Academic records have been uploaded for past 3 batches in DigiLocker.

Skill Development and Employability

- **GTU SKILLS (GTU – Syama Prasad Mookerjee Kendra for Industry & Lifelong Learning Skills)** is envisioned as a hub for all skill programs in emerging areas to cater the needs of industries. It provides the platform for various industries and skill training institutes to offer joint certification programs with GTU, especially in emerging technologies.
- Through the **Centre for Continuing Education (CCE)**, about 60 micro-credit courses have been offered in various skills domains as per the industry demand.
- **GTU- AIA Engineering Ltd. Training & Skill Development Centre-** To cater the need of large-scale foundry

industry – AIA engineering, Ahmedabad, GTU has established industry-funded training and skill development centre at our Mehsana campus of GPERI.

- **External and Joint Programs:** GTU offers following programs for students apart from regular programs to enhance skills -
 - **Institute-offered Minor / Hons. Program:** GTU offers Minor/Hons. Programs in the 24 branches (19 AICTE approved and 5 University approved nomenclatures) in the emerging areas of Machine Learning, Data Science, Electric Vehicles, 3D printing, Cyber Security, Robotics, Green Technology and Sustainability Engineering and Smart Cities.
 - **University offered Industry-led Minor/Hons. Programs'** in association with the leading industry partners like IACE by Maruti Suzuki, L&T Edutech, TCSiON, Infosys Springboard for UG Students of GTU.
 - Elective course on Semiconductor Technologies in Association with Micron Technology.
 - Programs for Working Professionals.
- Joint Program of Diploma in Mechanical (Manufacturing Technology) in collaboration with Toyota Tsusho.
- **Integration of “Skill component” in curriculum:**
 - **Full semester internship** in semester 8 of BE program (15 Credits) and in semester 6 of Diploma Engineering (12 Credits).
 - **2-weeks Skill-based Internship Program (SIP - 2 Credits)** in semester gap of 6th and 7th semester of BE program and in semester gap of 4th and 5th semester of Diploma Engineering.
 - **Skill Based Training (SBT) (AY 2023-24):** 85 Skill-based certifications from recognized industry/skill certificate providers have been offered including DST-GKS Funding Scheme. 1537 students participated in SBT 2024 (29th June – 15th July 2024).
- **Industry Collaborations:**
- **Collaborations in the Domain of AI, Semiconductor and EV**
 - ❖ **Artificial Intelligence (AI):**
 - **Deeptech Certification:** GTU has launched 45 high-end technical courses integrated with equivalent credits, provided by leading industry partners like AWS, L&T, IBM, and TCSiON in emerging Deeptech like AI & ML, Data Science, IoT, and Cyber Security etc.
 - **Intel AI for Manufacturing Program:** Collaboration with Intel to enhance digital readiness and workforce skills in AI through the "Intel® AI for Manufacturing Program.
 - **L&T Educate India Initiative:** GTU is going to offer over **1200 online courses** to students, including specialized courses in AI and Machine Learning.
 - **Digital 101 Program by NASSCOM:** In collaboration with Futureskills by NASSCOM, GTU is offering industry-vetted content to help learners build an understanding of emerging technologies.
 - ❖ **Electric Vehicles (EV):**
 - GTU is working with Maruti Suzuki, L&T & TATA to bridge the Skills gap in the Electric and Autonomous Vehicle sector.
 - ❖ **Semiconductor Industry Engagement:**
 - GTU has also collaborated with Micron Technology, Kaynes Technology and Suchi Semicon for curriculum design and skill-based training.
 - A Board of Semiconductor Technology has been formed to explore, plan, design and deliver the training, offer courses and R&D in collaboration with industry partners.
 - GTU hosted a roundtable conference at SemiConnect 2024 (organized by DST, Govt. of Gujarat) with leading semiconductor industry experts.
 - GTU organized a sector-specific roundtable with leading semiconductor companies. The event focused on addressing the growing demand for skilled workforce in the chemical and semiconductor sectors. Distinguished participants included representatives from ISRO-SAC, IIT-Gandhinagar, Micron Technology, and AGEM Industry.
 - GTU offered an elective subject on Semiconductor Technology in BE Sem-6 starting from A.Y. 2024-2025 in collaboration with Micron Technology.
 - Engaged with MEITY and DST to establish a Centre of Excellence (CoE) in Semicon and AI.
- **Engagement with GIFT, Gandhinagar**

- GTU is one of the members of the working group for 'Augmenting Talent Availability' in GIFT International Financial Services Centres Authority (IFSCA).
- GTU- School of Management Studies is going to offer MBA in Fintech from A. Y. 2025-26 as well as micro-credentials in Fintech and related domains to cater the need of skilled manpower for the companies at GIFT city.
- **Renewable Energy and Sustainability**
 - GTU organized a roundtable on 'Paving the Future: Innovation and Challenges in Renewable Energy' for identifying the challenges and applicable solutions through Industry-Academia collaboration.
- **Centre of Excellences and Skill Development Centers:**
 - Centre of Excellence in Automation by Bosch Rexroth, Germany
 - Centre of Excellence in Blockchain and AI Technology supported by Edu. Dept. GoG
 - Code Unnati Centre of Excellence on Emerging Technologies
 - GTU - Keepsake Welding Research and Skill Development Centre
 - Siemens Centre of Excellence in "Industrial Instrumentation"
 - R&D Center in Solar Energy
- **Faculty Development Program (FDP)**
 - GTU organized a distinguished FDP in collaboration with Micron Technology, focused on the "Fundamentals of Semiconductor Package Manufacturing and Testing. This program was attended by 125 faculty members from 32 affiliated colleges of GTU.
 - A five-day Faculty Development Program on 'Semiconductor Electronics Design Automation (EDA) Tools,' was organized in collaboration with Entuple Technologies Pvt. Ltd. and Eigen Technologies Pvt. Ltd.

RESEARCH, INNOVATION & ENTREPRENEURSHIP

To strengthen the connection between academic research and industrial applications, GTU actively collects information on the industry relevance of Ph.D. theses from Research Scholars. This initiative showcases the practical applications of Ph.D. research ensuring effective utilization of research findings in real-world scenarios.

Recently, GTU has included patents in addition to Publications for awarding the Ph.D., emphasizing technology transfer and practical application.

Ph.D. Thesis Management and Monitoring System (TMMS) has been revamped to streamline and track the process of Ph.D. scholars. The updated version effectively manages all processes, including DPC reviews and extracting sector specific data.

GTU is contributing towards **Sustainable Development Goals (SDGs)** and has published 80 articles related to SDG-9 (Industry, Innovation, and Infrastructure) and 41 articles concerning SDG-3 (Good Health and Well-Being) in 2024.

Our achievements in the past three years include **161 granted patents, 12 ongoing research projects, and 608 research publications.**

Research Centres of the University: Moreover, in order to promote research, the University has recognized GBRC, Anand Pharmacy College and Shree Dhanvantary Pharmacy College as recognized research centres.

- From the initiation of the doctoral studies at the University, **655 Ph.D. degrees** have been awarded till October 2024.
- Presently the University has **674 recognized supervisors.**

New Initiatives for Research:

- GTU has started publication of Bimonthly "Bulletin: Research and Academic Publication" to provide visibility to publications of research scholars and supervisors and publication of quarterly R & D newsletter highlighting research activities of the university.
- Introduction of MOOCs for Self-Study Course in PhD Programme.
- Circulation of PhD Thesis to relevant Industry
- Implementation of New Research Week Scheme – PhD work evaluation after 4 DPCs to receive inputs from external

subject experts.

- Modification of Research Centre Guidelines to increase university recognized research centers.
- PhD Thesis Publication Requirements Modification: 1 Scopus/WoS + 1 Scopus/WoS/UG-CARE or 1 Scopus/WoS + 1 Granted Utility Patent
- Publications, Patents, Books etc. are mapped with SDGs. The following SDGs are mainly addressed through our research work - Quality Education, Affordable and Clean Energy, Decent Work and Economic Growth, Industry, Innovation and Infrastructure, Sustainable Cities and Communities and Climate Action, etc.

INTERNATIONALIZATION, RECRUITMENT & COLLABORATIONS

International Experience Program (IEP) 2024: 85 students from diverse domains, including engineering, pharmacy, and MBA, participated in the IEP and studied at universities in Canada, Australia, and Germany. GTU sponsored the academic cost of teaching for all students.

Enrollment of Foreign Students in 2024: More than 150 foreign students from 27 countries have enrolled this year at various affiliated institutes of GTU & GTU Schools.

Recruitment Drives: In 2024, Integrated Training and Placement Cell (ITAP) of GTU executed various recruitment drives for students. 125 companies participated, and approx. 1000 students were placed.

Collaboration with Foreign Universities: GTU collaborated with well-known universities in 2024, including University of Delaware (USA), University of Tasmania (Australia), South Dakota State University (USA) and Virginia Commonwealth University (USA). A comprehensive discussion is underway with various universities in the USA and Australia to offer a **Dual Degree** program to students.

GTU VENTURES

It is a comprehensive ecosystem to support startups, innovation & Technology Transfer / patenting aiming to nurture entrepreneurial mindset among students and faculty members. Following are the key verticals under GTU Ventures -

- **AIC GISC Foundation (Atal Incubation Center) :**
 - Supported by Atal Innovation Mission (NITI Aayog)
 - Sector specific incubation centre (for biotechnology, healthcare, pharma, medtech & allied life sciences)
 - Funding Received: **684 Lacs.**
- **GISC-TBI (GTU):** A leading incubation centre in Gujarat working as a Central hub for innovation and entrepreneurship activities.
 - Sector agnostic Technology Business Incubator (TBI)
 - Supported by DST-GoI to facilitate the commercialization of innovative ideas. A leading incubation centre for innovation and entrepreneurship activities
 - Funding Received: **278 Lacs**
- **Design Innovation Centre (DIC GTU):** Centre dedicated for driving design thinking supported by the Ministry of Education under National Design Innovation Network (NDIN) and prototyping facilities for the students and entrepreneurs.
 - Dedicated Centre for Design Engineering and Prototype Development Facilitation
 - Funding Received : **320 Lacs**
- **AICTE IDEALab:**
 - A centre that caters to the students and bridging academia with real-world applications by engaging in a facility where ideas get the practical solutions and its applications.
 - Funding received : **88 Lacs**
- **Community Innovation & Co-creation Centre for Community engagement (CIC3):** Promoting collaborative prototype development.
- **IPFC:** IP facilitation centre enabling IP protection and property rights, also runs a PGDIPR course for patent awareness and prepares the students to be certified patent agents.

GTU Ventures provide Innovation Support, Incubation Programs, Skill Development, Research and Development,

Startup Mentorship, Financial Support, Mentorship and Guidance, Infrastructure Support, Skill Development and Training, Networking Opportunities, Legal and Compliance Assistance to Startups.

GTU hosted **Technology Transfer Summit (Research to Revenue)** on 19th April 2024, wherein, around 54 Technologies that had IP registered, displayed their technology in the summit. 2 technologies pertaining to innovations in the biomedical and environmental sustainability are successfully transferred from GTU –

Support/Assistance to Startups

- **4.40 Lacs** Students Sensitised (All over Gujarat)
- **758** Startup/PoC supported till date
- **3578** Overall projects supported
- **165** Patents granted (to incubated startups & Individuals)
- **25 Cr.** of funding assistance to the incubated startups under GTU Ventures
- **114+ Cr.** Revenue generated by startups incubated with GTU Ventures
- **4,100+** Active Employment generated by these startups
- **261+ Cr.** cumulative Valuation achieved by the startups of GTU Ventures
- **630+** Events, Seminar, Workshop and capacity building programs conducted
- **306 DPIIT** Registered Startups

Regional Presence of GTU Ventures in 8 subregion across Gujarat:

Ahmedabad | Vadodara | Rajkot | Surat | Mehsana | Modasa | Kutchh | Surendranagar

PROMOTION OF REGIONAL LANGUAGE AND INDIAN KNOWLEDGE SYSTEM

- **DHAROHAR – GTU Centre for Indian Knowledge System** has been established to promote courses on Indian culture, philosophy, and knowledge systems. The center has offered more than 23 courses in the Indian Knowledge System.
- **UG / Diploma Book Translation in Gujarati Language:** AICTE has allocated the task of translating the books of UG and Diploma Engineering in Gujarati language to GTU under the scheme of offering technical books in regional languages. 50 books of second year have been translated and submitted to AICTE out of which 31 books are uploaded on e-Kumbh portal.
- Inclusion of **Indian Knowledge System** in Diploma, Degree Engineering, MBA, BBA, BCA and PhD programs.

ACHIEVEMENTS OF AFFILIATED COLLEGES

Ranking:

- L.M. College of Pharmacy secured 52nd rank & Graduate School of Pharmacy, GTU secured 70th rank in NIRF India Rankings 2024 - Pharmacy.

Accreditation:

- Shree Dhanvantary Pharmacy College, Birla Vishvakarma Mahavidyalaya, L.M. College of Pharmacy, Anand Pharmacy College and Smt. Champaben Vasantbhai Gajera Pharmacy Mahila College are accredited by NAAC valid score.
- Total 36 affiliated institutes are accredited by NBA in a total of 86 courses.

Autonomous:

- Birla Vishvakarma Mahavidyalaya, L. M. College of Pharmacy, R.N.G. Patel Institute of Technology, Shree Dhanvantary Pharmacy College and Anand Pharmacy College are given Autonomous Status.

Placements:

- More than 19500 students underwent the full semester internship in A.Y. Year 2024-25.
- Approx. 4200 students from various affiliated institutes have been placed in various organizations.

I extend my heartfelt gratitude to everyone who contributed to making 2024 a successful year. This includes the Registrar, GTU Section Heads & staff members, affiliated institutions, faculty members, students, esteemed members of the Board of Governors, Academic Council, Research Council, and Finance Committee, as well as the Deans, Associate Deans, members of the Board of Studies, Advisory Committees, GTU alumni, and countless other supporters.

BOARD OF GOVERNORS (BoG)

Sr. No.	Name with Designation	Member Status (with clause of Act)	
1	Prof. (Dr.) Rajul K. Gajjar Hon'ble Vice Chancellor, Gujarat Technological University	Chairperson As per GTU Act Sec. 15 – 2(i)	
2	Dr. Chetan B. Bhatt Dean MCA Gujarat Technological University	Member As per GTU ACT Sec. 15 - 2(iii)	
3	Smt. Sunaina Tomar, I.A.S. Additional Chief Secretary Higher & Technical Education Education Department, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(iv)	
4	Shri. K. K. Nirala, I.A.S Secretary (Expenditure), Finance Department, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(v)	
5	Shri Gurav Dinesh Ramesh, I.A.S Commissioner Higher Education, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(vi)	
6	Prof. (Dr.) J. M. Vyas Vice Chancellor, National Forensic Science University	Member As per GTU Act 15 – Sec. 2(viii)	
7	Shri Vivek Prahaladbhai Patel Managing Trustee, Anand Niketan Group of Schools	Member As per GTU Act Sec. 15 – 2(viii)	

8	Shri Banchha Nidhi Pani, I.A.S. Commissioner Technical Education, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(ix)	
9	Prof. (Dr.) Unnat Pandit The Controller General of Patents, Designs & Trade Marks	Member As per GTU Act 15 – Sec. 2(x)	
10	Dr. Abhimanyu Samrat The CEO & MD, Samrat Associates	Member As per GTU Act 15 – Sec. 2(x)	
11	Shri Rajubhai Shah Managing Director, Harsha Engineering	Member As per GTU Act 15 – Sec. 2(x)	
12	Shri Utkanth Bhandari Director, Streamline Controls Private Limited	Member As per GTU Act 15 – Sec. 2(xi)	
13	Ms. Anuja Piplapure The Project Manager, iGuru Software Services Pvt. Ltd.	Member As per GTU Act 15 – Sec. 2(xi)	
14	Dr. K. N. Kher Registrar - Gujarat Technological University, Ahmedabad, Gujarat	Secretary of the Board As per GTU Act Sec. 15 – 3	

ACADEMIC COUNCIL

Sr. No.	Name	Designation
1	Prof. (Dr.) Rajul K. Gajjar, Hon'ble Vice Chancellor, GTU	Chairperson
2	Dr. Deepak Srivastava, Director, IIM Ranchi	Member
3	Dr. Nihar R. Mohapatra, Professor, IIT Gandhinagar	Member
4	Dr. Amit Prashant Professor, IIT Gandhinagar	Member
5	Dr. Bhrigu Nath Singh, Vice Chancellor, Rajiv Gandhi National Aviation University	Member
6	Prof. (Dr.) Pankajray Patel, Director, GTU- School of Management Studies, Ahmedabad	Member
7	Dr. S N Pandya, Professor, Vishwakarma Government Engineering College, Ahmedabad	Member
8	Dr. C. B. Bhatt, Principal, Government MCA College, Ahmedabad	Member
9	Dr. C. N. Patel, Principal, Shri Sarvajanic Pharmacy College, Mehsana	Member
10	Dr. V. S. Purani, Principal, Vishwakarma Government Engineering College, Ahmedabad	Member
11	Dr. M. T. Chabaria, Principal, L. M. College of Pharmacy, Ahmedabad	Member
12	Dr. Manish Thakker, Professor, L.D. College of Engineering, Ahmedabad	Member
13	Dr. Vibha Patel, Professor, Vishwakarma Government Engineering College, Ahmedabad	Member
14	Mr. Bhasker Iyer, HoD, GGP, and I/C Principal, Government Polytechnic, Ahmedabad	Member
15	Dr. Rupesh Vasani, Principal, Sal Engineering College, Ahmedabad	Member
16	Dr. Neha Patel, Director, Som-Lalit Institute of Management Studies, Ahmedabad	Member
17	Dr. K. N. Kher, Registrar, GTU	Member Secretary

FINANCE COMMITTEE

Sr. No.	Name	Designation
1	Prof. (Dr.) Rajul K. Gajjar, Hon'ble Vice Chancellor- GTU	Chairperson
2	Shri H. F. Gandharva, Ex- Financial Advisor, Education Department, Government of Gujarat	Member
3	Shri Vivek Prahaladbhai Patel, Managing Trustee, Anand Niketan Group of Schools, Ahmedabad, Gujarat	Member
4	Smt. A. T. Sanagada, Financial Advisor, Education Department, Gandhinagar	Invitee Member
5	Dr. K. N. Kher, Registrar, GTU	Secretary

MESSAGE FROM DEAN

Dr. Saurabh N. Pandya
Dean, Faculty of Engineering



As we come together to celebrate the 14th convocation of Gujarat Technological University, I feel immense pride and gratitude as I reflect on our achievements and future goals. Under the visionary leadership of our Hon. Vice-Chancellor, Prof. (Dr.) Rajul Gajjar, GTU has made remarkable progress in implementing the National Education Policy (NEP) 2020 starting from the academic year 2024-25. This policy transformation marks a crucial moment in our dedication to holistic and inclusive education, heralding in a new era of academic excellence and innovation.

As the Dean of Engineering, I am privileged to be part of this transformative journey. Our updated curriculum, aligned with NEP 2020, focuses on a balanced integration of skill development and core knowledge. This initiative ensures that our students are not only well-versed in theoretical concepts but also equipped with the practical skills needed in today's dynamic and evolving industry landscapes. GTU's unwavering commitment to innovation and excellence guarantees that our students thrive academically while cultivating critical thinking, problem-solving skills, and ethical values. We are dedicated to nurturing well-rounded engineers who are ready to face the complex challenges of the future and make meaningful contributions to societal progress.

I extend my heartfelt congratulations to all graduates and their families on this significant occasion. Your hard work, perseverance, and dedication have led you to this important milestone. As you enter the world as proud alumni of GTU, I am confident that you will continue to embody the values and standards of excellence that define our university. Your journey is just beginning, and I look forward to the remarkable contributions you will make in your respective fields.

Dr. Trupti S. Almoula
Dean, Faculty of Management



The last academic year has indeed marked the beginning of many transformational changes in academia in terms of content or syllabi, language of course delivery, examination pattern, credit balance between theoretical and practical learning, research orientation, innovative pedagogies and above all, the introduction of subjects relevant to Indian Knowledge Systems, Value Added learning, Multidisciplinary learning, Skill enhancement and the like. This essentially is aimed at making the youth employable and awarding flexibility in choice of career on one hand and on the other hand, this provision will enable productivity enhancement of every single job seeker benefitting organizations thus. In addition to this, immense importance and support is being awarded to innovations, process improvements and entrepreneurship development. While this is yet the starting phase, many more initiatives are in process that will further strengthen the Higher and Technical Education Ecosystem of our country and make it once again, the best in the world like it once used to be with our age of Gurukuls. We are all proud of this and are and will keep supporting this transition to our best. Happy to note that our teachers of the Management Faculty are so enthusiastic in adopting new knowledge and learning new pedagogies, the advantage of which is being passed on to the students of all Institutions affiliated to GTU. I am sure the students of the Management programme have benefitted through these initiatives and have developed both – their personal and professional profile. This essentially means that many good opportunities are now at your doorstep and you are poised to make great achievements.

Many hearty Congratulations to all and specially to those who made the best of this two-year journey of MBA and attained a good academic score and above that a good understanding of the business world at large and are now ready to contribute a great deal. We wish you all the best! Here I would like to make a small request to all passing out students – you have had the privilege of being at the foundation of these new initiatives, you have seen the challenges and overcome them and moved to greater heights in knowledge, skills and their applications. So come back to your Alma Mater as often and share your learning and experiences so that such great leaps are documented in the history of the re-development of World Class Higher and Technical education of India as it makes a mark on the global landscape of education ecosystem.



Dr. C. N. Patel
Dean, Faculty of Pharmacy

ज्ञानं प्रज्ञा च कर्मयोगः समृद्धिं भारतस्य साधयेत्।

Knowledge, wisdom, and the practice of selfless action shall lead to the prosperity of Bharat.

This sutra aligns with the ethos of educational institutions fostering intellectual growth, ethical wisdom, and dedicated efforts towards national development. It also resonates with the vision of a developed Bharat by 2047, highlighting the role of universities in this journey.

As we strive toward the vision of “**Viksit Bharat**” by **2047**, the Faculty of Pharmacy at GTU remains committed to advancing healthcare education, research, and innovation. In alignment with the transformative **principles of the NEP-2020**, we are redefining our academic framework to nurture future-ready professionals in pharmaceutical sciences for the nation's well-being.

Key Initiatives aligned with NEP 2020:

1. **Interdisciplinary Learning:** To encourage students to integrate knowledge from life sciences, engineering, and technology to drive innovation in pharmaceutical research and development.
2. **Skill Development:** To implement practical, outcome-based training modules to ensure students are equipped with industry-relevant skills and entrepreneurial capabilities.
3. **Research and Innovation:** To promote research excellence through flexible curricula, partnerships with industry, and fostering a culture of curiosity and critical thinking.
4. **Technology Integration:** To leverage AI, machine learning, and data analytics in pharmacy education and research to meet global healthcare demands.
5. **Global Competency:** To encourage student and faculty exchange programs, ensuring that our graduates are prepared to thrive in a competitive global environment.
6. **Sustainability and Social Responsibility:** To develop solutions that aligns with sustainable healthcare practices and contributes to society's overall well-being.

GTU's focus remains on excellence in education, fostering interdisciplinary collaborations, and preparing students to address global challenges with a spirit of innovation and ethical responsibility. By 2047, we envision Bharat as a global leader in pharmaceutical sciences, equipped with indigenous research capabilities, sustainable healthcare systems, and impactful innovations that serve humanity.

Together, let us pledge to harness our knowledge, skills, and dedication to build a healthier, prosperous, and self-reliant Bharat as “Viksit Bharat”.

I heartily wish the passing out students of GTU every success in their future endeavours.



Dr. Chetan Bhatt
Dean, Faculty of Computer Application

Dear Graduates,

It is with immense pride and joy that I address you today as you stand on the threshold of an exciting new chapter in your lives. As you prepare to step into the professional world, I want to take a moment to reflect on the transformative journey we have undertaken together at Gujarat Technological University (GTU).

At GTU, we have aligned our curriculum with global benchmarks, particularly the ACM (Association for Computing Machinery) curriculum framework. This alignment ensures that you possess the technical depth and industry-relevant expertise required for cutting-edge fields in computer science and allied disciplines. Furthermore, our adoption of the NBA (National Board of Accreditation) standards has underscored our commitment to maintaining high-quality education through rigorous assessments and continuous improvement.

As graduates of this enriched and forward-thinking curriculum, you are well-equipped not only with knowledge but also with the skills and values essential for contributing meaningfully to society. Your projects, internships, and industry interactions have provided you with hands-on experience, preparing you to be innovators and problem solvers. As you embark on your professional journeys, I encourage you to carry forward the ethos of lifelong learning, adaptability, and ethical responsibility. Remember, you are ambassadors of GTU and the vision it upholds. Strive for excellence, embrace challenges, and make meaningful contributions to your chosen fields.

On behalf of the entire GTU family, I congratulate you on your accomplishments and wish you success in all your future endeavors. May you continue to shine and inspire others through your achievements.

Dr. Paresh P. Kotak
Dean, Diploma Engineering



As we embark on another academic year filled with promise and opportunity, I am delighted to extend a warm welcome from the University.

As a Dean, I need to become a facilitating link among faculty members, staff, students, and University leadership. All activities and roles of a dean are undertaken in light of furthering the best interests of the students of GTU. My prime focus in this pandemic situation is to work as a catalyst between University Administration and the faculty of Diploma Studies. In contemporary society, which is characterized by the fast-paced advancement of science and technology, researchers and engineers must deal with a diversity of new issues and GTU promises to fulfill above requirement. I assure that a sizeable number of constructive changes will be made to the traditional curriculum in creating a world-class curriculum and a stimulating learning environment as well. The ultimate goal of any university is to provide quality education to students so that the pass outs find the maximum placement. I have been making constant efforts to meet this goal for last two years. I am also committed to fulfill The Vision, Mission statements and Objectives of the university. Implementation of the NEP 2020 requires various initiatives and actions, taken by multiple bodies in a synchronized and systematic manner. I am committed to implement NEP 2020 at Diploma Engineering level all over state in coordination with the university. My immediate aim is to implement new curriculum as per NEP 2020 in all branches of Diploma Engineering.

Let me go a little farther. There are ample opportunities for our nation to show some more directions to the world. Who can better fulfill this goal than passed outs of Engineers of this University? It is also my responsibility to carve out a role for the implementation of the various initiatives of Central and State Government like SSIP at Diploma level institutes in coordination with the university.

I will conclude with the words of John Stuart Mill said in 1867 “Universities are not intended to teach the knowledge required to fit men for some special mode of making their livelihood. Their objective is not to make skillful lawyers, or physicians, or engineers, but capable and cultivated human beings.”

ACKNOWLEDGEMENTS

We are thankful to following officers and staff members of GTU for providing the information to be included in annual report of the university –

Dr. Akash Gohil (Sports Officer), Mr. Anil Solanki (Admin/Accounts Officer), Dr. Chirag K. Vibhakar (Principal – GPERI), CA Chitrali Parmar (Internal Auditor), Ms. Darshana Chauhan (OSD), Mr. Hardik Leuva (Graphic Designer), Mr. H. D. Rahul (I/C CAO), Mr. Hemal Patel (Deputy Engineer), Dr. Jignesh Amin (Professor & Director), Ms. Jitakshi Bhatt (OSD), Dr. Kaushal Bhatt (Associate Professor), Dr. Keyur Darji (Deputy Registrar), Dr. Komal Borisagar (Associate Professor), Mr. Mahesh Panchal (Assistant Professor), Dr. Margam Suthar (Assistant Professor), Dr. Mihir Shah (Advisor), Mr. Milan Pathak (IPRO), Ms. Mona Chaurasiya (Research Coordinator), Mr. Mridul Sheth (Assistant Professor), Mr. Mukesh Parmar (Account Officer), Ms. Neha Gameti (Research Associate), Dr. Pankajray Patel (Professor & Director), Ms. Pinki B. Panchal (Store Officer), Mr. Ragesh Thakor (OSD), Dr. Rajesh Chaudhari (Associate Professor), Dr. R. A. Thakkar (Director), Mr. R. L. Patel (OSD), Mr. Sandip Modi (Computer Programmer), Dr. Sanjay Chauhan (Professor), Dr. Sarika Srivastava (Assistant Professor); Dr. Seema Joshi (Assistant Professor), Mrs. Shobhanarani T. Sengunthar (Statistical Officer), Mr. Shubham Sharma (Legal Officer), Mr. Sumit N. Patel (Assistant Registrar), Dr. Tushar Panchal (Assistant Professor), Mr. Tushar Trambadiya (Assistant Registrar), Dr. Vaibhav Bhatt (Professor and Director), Dr. Viral Borisagar (I/C COE), Mr. Vishal Barot (Assistant Registrar) and Mr. Yuvrajsinh Raol (Deputy Registrar).

We are also thankful to the staff members of VC Office, Registrar Office, Academic Section, Accounts Section, Affiliation Section, Audit Section, Conference Section, Department of International Relations, Establishment Section, Estate Section, Examination Section, GTU PG Schools & Constituent College, GTU Innovation Council, IT Section, Legal Section, Media Section, Ph.D. Section, Purchase & Store Section, Student Support Section and other GTU

Annual Report Committee Members

Dr. Sarika Srivastava

Assistant Professor

GTU - School of Management Studies & Head - Academic Section, GTU

Dr. Neelam Nathani

Assistant Professor

GTU - School of Applied Sciences
& Technology

Dr. Neela Multani

Assistant Professor

GTU - School of Management
Studies

Ms. Mona Chaurasiya

Research Coordinator

R&D Cell,
GTU

Support by

Ms. Babita Gupta

Office Assistant
Conference Section

Mr. Ankit Rana

Office Assistant
Conference Section

Mr. Hardik Leuva

Graphic Designer
Media Section

DEANS

SN	Name	Faculty	Institute
1	Dr. Saurabh N. Pandya	Engineering	Vishwakarma Government Engineering College, Chandkheda, Ahmedabad
2	Dr. C. N. Patel	Pharmacy	Shri Sarvajani Pharmacy College, Mehsana
3	Dr. Trupti S. Almoula	Management	Narmada College of Management, Bharuch
4	Dr. Chetan Bhatt	Computer Application	Government MCA College, Maninagar
5	Dr. Paresh P. Kotak	Diploma Engineering	A. V. Parekh Technical Institute, Rajkot

ASSOCIATE DEANS

SN	Name	Faculty	Institute
1.	Dr. Paresh H. Rana	Engineering	L. D. College of Engineering, Ahmedabad
2.	Dr. Jagdishkumar M. Rathod	Engineering	Birla Vishwakarma Mahavidyalaya, Vallabh Vidyanagar
3.	Dr. Nilesh M. Bhatt	Engineering	Lukhdhirji Engineering College, Morbi
4.	Dr. S. R. Joshi	Engineering	Dr. S. & S. S. Ghandhy Government Engineering College, Surat
5.	Dr. Mahesh Chhabria	Pharmacy	L. M. College of Pharmacy, Ahmedabad
6.	Dr. Tejal. R. Gandhi	Pharmacy	Anand Pharmacy College, Anand
7.	Dr. Saisivam Srinivasan	Pharmacy	N. R. Vekaria Institute of Pharmacy, Junagadh
8.	Dr. Noolvi Malleshappa Ningappa	Pharmacy	Shree Dhanvantary Pharmacy College, Kim, Surat
9.	Dr. Supriya Bhutiani	Management	Som Lalit Institute of Business Management, Ahmedabad
10.	Dr. Jigna Trivedi	Management	Shri Jairambhai Patel Institute of Business Management and Computer Application, Gandhinagar
11.	Dr. Bindiya Soni	Management	Anand Institute of Management and information Science, Anand
12.	Dr. Sampada Kapse	Management	Tolani Motwane Institute of Management Studies, Adipur
13.	Dr. Jaykumar Patel	Computer Application	Chaudhri Technical Institute, Gandhinagar
14.	Dr. Rajnish Rakholia	Computer Application	S S Agrawal Institute of Management and Technology, Navsari
15.	Dr. Pinkesh R. Shah	Diploma Engineering	Government Polytechnic, Kheda
16.	Ms. Manisha P. Mehta	Diploma Engineering	Government Polytechnic, Himmatnagar
17.	Dr. Pranaykumar M. Shah	Diploma Engineering	Government Polytechnic, Godhra
18.	Dr. Jayesh Shah	Diploma Engineering	Pacific School of Engineering, Surat
19.	Dr. Ashvinkumar V. Dudhrejiya	Diploma Pharmacy	Shri B M Shah College of Pharmacy, Modasa
20.	Dr. Ramanjyot Shrivastava	Architecture	SAL School of Architecture, Ahmedabad

BOARD OF STUDIES

	UG-PG Engineering
1	Board of Studies for 'Chemical Engineering, Plastic Engineering, Rubber Technology, Biotechnology and its allied branches'
2	Board of Studies for 'Civil Engineering, Infrastructure Engineering, Environmental Engineering, Transportation Engineering and its allied branches'
3	Board of Studies for 'Computer Engineering and its allied branches'
4	Board of Studies for 'Electrical Engineering, Power Electronics, Electric Vehicle and its allied branches'
5	Board of Studies for 'Electronics Engineering, Electronics & Communication Engineering and its allied branches'
6	Board of Studies for 'Instrumentation & Control Engineering, Biomedical, Electronics & Instrumentation Engineering and its allied branches'
7	Board of Studies for 'Mechanical Engineering, Automobile Engineering, Industrial Engineering, Production Engineering, Manufacturing Engineering, Mechatronics Engineering, Metallurgy Engineering, Mining Engineering, Marine Engineering and its allied branches'
	Diploma Engineering
1	Board of Studies for 'Automobile Engineering, Mechatronics Engineering, Diploma in Mechanical (Manufacturing Technology), Mechanical Engineering, Mechanical Engineering (CAD/CAM), Fabrication Technology, Marine Engineering and its allied branches'
2	Board of Studies for 'Chemical Engineering, Metallurgy Engineering, Ceramic Technology, Plastics Engineering and its allied branches'
3	Board of Studies for 'Electrical Engineering, Instrumentation & Control Engineering, Power Electronics, Automation & Robotics, Biomedical Engineering, Renewable Energy and its allied branches'
4	Board of Studies for 'Civil Engineering, Environmental Engineering, Mining Engineering, Transportation Engineering and its allied branches'
5	Board of Studies for 'Computer Engineering, Computer Science and Engineering, Information Technology, Information and Communication Technology and Electronics & Communication Engineering and its allied branches'
6	Board of Studies for 'Physics, Chemistry, Mathematics, English, Humanities and Science'
	Textile (UG and Diploma Engineering)
1	Board of Studies for 'Textile Processing Technology, Textile Manufacturing Technology, Textile Designing, CACDDM, Printing Technology (Diploma), Textile Technology (UG), Textile Engineering (UG) and its allied branches'
	Architecture (PG, UG and Diploma Engineering)
1	Board of Studies for 'M. Arch., B. Arch., D. Arch., Bachelor of Interior Design, B. Design and its allied branches'
	Management (UG and PG)
1	Board of Studies for 'Management'
	Pharmacy and GTU - School of Pharmacy
1	Board of Studies for 'Pharmacy'

Computer Applications (UG and PG)	
1	Board of Studies for 'Computer Applications'
	Vocation
1	Board of Studies for 'Vocational Courses'
	Hotel Management
1	Board of Studies for Bachelor of Hotel Management and Catering Technology (BHMCT)
	GTU-School of Applied Sciences & Technology
1	Board of Studies for 'Programs running under School of Applied Sciences & Technology'
	GTU- School of Management Studies
1	Board of Studies for 'Programs running under GTU School of Management Studies'
	GTU- School of Engineering and Technology
1	Board of Studies for 'Programs running under GTU School of Engineering & Technology'

Research Council

Sr. No.	Description	Name
1	Ex-Officio members	
(a)	Vice Chancellor	Dr. Rajul K. Gajjar
(b)	Registrar	Dr. K. N. Kher
(c)	Representative of UGC, AICTE, PCI, COA, etc	Vacant
2	Nomination by VC	
(a)	Representative of Academic Council	Dr. M. T. Chhabria , LM College of Pharmacy, Navrangpura, Ahmedabad
(b)	Dean1	Prof. (Dr.) Saurabh N. Pandya , Electrical Engineering Department, Vishwakarma Government Engineering College, Ahmedabad
	Dean2	Dr. Chhaganbhai N Patel , Principal & Professor, Shri Sarvajanic Pharmacy College, Mehsana, Gujarat
	Dean3	Dr. Trupti Almoula , Director, Narmada College of Management, Bharuch
(c)	Representative from Principal of affiliated college	Prof. (Dr.) Tejal R Gandhi , Principal, Anand Pharmacy College, Anand
(d)	Representative from Director of school	Dr. Vaibhav D. Bhatt , Director, School of Applied Sciences & Technology, GTU
(e)	Representative from Associate Professor	Vacant
(f)	Representative from Professor	Vacant
3	8 eminent persons with contribution in research	
(a)	Industries	Mr. Nilesh Ranpura , Director Engineering- ASIC, (einfochips) 2, Aryan Park complex, Nr. Shilaj Railway Crossing, Thaltej
(b)	Academic Institutions of National Importance	1. Dr. Amit Prashant , Professor, Civil Engineering, IIT-Gandhinagar 2. Dr. Naran M. Pindoriya , Associate Professor, Electrical Engineering, IIT- Gandhinagar
(c)/(d)	State/ Central govt. funded labs	1. Prof. D. Pallamraju , Senior Professor & Dean, Physical Research Laboratory, Navrangpura, Ahmedabad 2. Dr. Paritosh Chaudhuri , Dean (R & D), Institute of Plasma Research, Gandhinagar 3. Dr. Abha Chhabra , Head, RRMD & Coordinator RESPOND, SAC- (ISRO), Ahmedabad
(e)	Legal expert from IPR area	Dr. Annamma Samuel , DPIIT IPR- Chair Professor, GNLU

Doctoral Research Council

Sub- Disciplines	Chairpersons
Computer Engineering Information Technology Computer Applications	Prof. (Dr.) Saurabh N. Pandya, Dean, Faculty of Engineering, GTU
Instrumentation and Control Engineering Biomedical Engineering Power Electronics Power Electronics and Electrical Drives Electronics & Communication Engineering Electrical Engineering	Prof. (Dr.) Saurabh N. Pandya, Dean, Faculty of Engineering, GTU
Civil Engineering Environmental Engineering Environmental Management Infrastructure Engineering Architecture	Prof. B. J. Shah, Principal, GEC, Modasa
Mechanical Engineering Mechatronics Metallurgy Engineering Armament Engineering Energy Engineering Textile Engineering	Dr. V.D. Dhiman, GEC, Valsad
Chemical Engineering Chemical Technology Rubber Engineering Plastic Engineering	Dr. R.K. Mewada, Professor & I/c Principal, LEC, Morbi
Pharmacy Pharmacognosy, Phytochemistry and Herbal Drug Pharmacology, Clinical Pharmacy, and Pharmacy Practice Quality Assurance, Medicinal Chemistry and Pharmaceutical Analysis Pharmaceutics and Pharmaceutical Technology	Dr. M.T. Chhabaria, Principal, LMCP, Ahmedabad
Management Marketing Finance Human Resource Production	Dr. Pankajray Patel, Director, GTU - School of Management Studies
Science- Maths Science- Physics Science- Chemistry Biotechnology	Dr. Vaibhav Bhatt, Director, GTU - School of Applied Sciences & Technology
Humanity-English	Dr. Vaseemahmed Qureshi, Assistant Professor, VGEC

GLIMPSE OF 13th CONVOCATION

CHANCELLOR, CHIEF GUEST & GUEST OF HONOUR

13th Annual
Convocation on
(20th January, 2024)

1. **Shri Acharya Devvrat**, Hon. Governor of Gujarat and Chancellor, Gujarat Technological University
2. **Chief Guest – Shri Rushikesh Patel**, Hon'ble Minister, Health and Family Welfare and Medical Education, Higher and Technical Education, Law, Justice, Legislative and Parliamentary Affairs, Government of Gujarat
3. **Guest of Honor – Shri Nilesh M Desai**, Director, Space Application Centre (SAC/ISRO), Ahmedabad
4. Virtual Address by **Shri Rajeev Chandrasekhar**, Honourable Union Minister of State for Skill Development and Entrepreneurship, Electronics and Information Technology and Jal Shakti



SECTION - I

UNIVERSITY AT A GLANCE

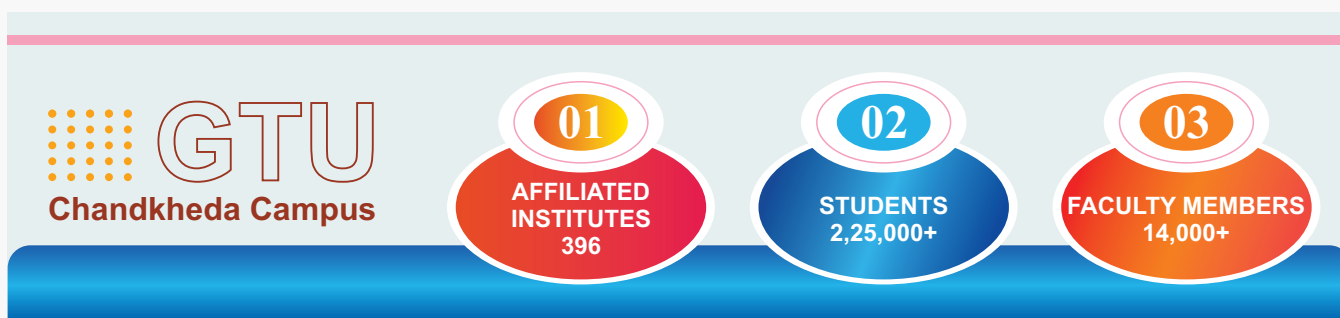
ABOUT UNIVERSITY

VISION:

To be a global university for the creation and dissemination of knowledge and Innovation in Science & Technology, Humanities and Multidisciplinary domains for sustainable development and enrichment of human life.

MISSION:

1. To develop centers of academic excellence at university premises and at affiliated colleges in domains of science, engineering, technology, management, and environment for imparting comprehensive education, training, and research infrastructure as per the nation's requirements.
2. To build resources, facilities, proficiencies and other related infrastructure of global standard for the development of knowledge, skills, and competencies in the various educational domains.
3. To develop research-oriented pedagogy for flourishing ideas and to nurture innovators, entrepreneurs and professionals of tomorrow
4. To build and enhance collaborations with other academic, research, industry, and government organizations as well as NGOs across the globe so that education, training and research at university and its affiliated colleges become aligned with national and global level requirements.
5. To encourage multidisciplinary research and develop flexible learning ecosystem,



CAMPUSES & INFRASTRUCTURE

GTU Chandkheda Campus, Ahmedabad



AERIAL VIEW



Proposed Lekawada Campus, Gandhinagar



GTU - School of Management Studies



GTU - School of Engineering and Technology



GTU - GPERI Campus, Mehsana



GTU - School of Pharmacy, Gandhinagar

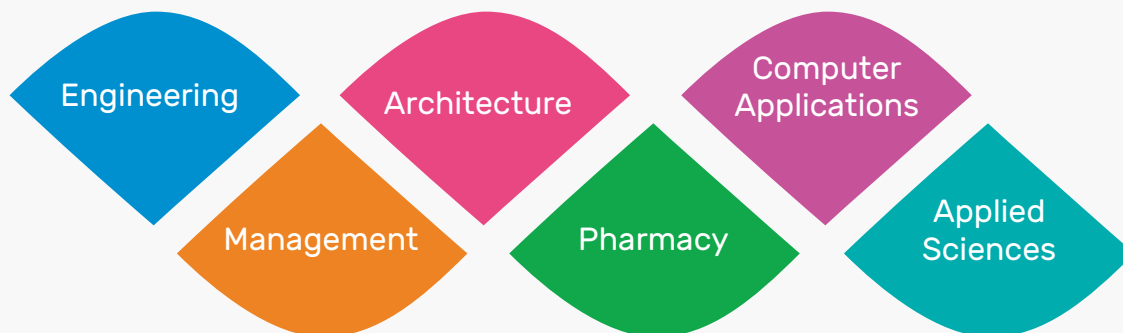


GTU - School of Applied Sciences & Technology



GTU Ventures

FACULTIES



Programmes Offered

1 Year Programme	Post Graduate Diploma
2 Years Programme	Master of Business Administration (MBA)
	Master of Pharmacy (M. Pharm)
	Master of Engineering (M.E.)
	Diploma Pharmacy (D. Pharm)
	Master of Architecture (M. Arch.)
	Master of Arts (M.A.)
	Master of Science (M.Sc.)
	Master of Computer Application (MCA)
3 Years Programme	Diploma Engineering (D.E.)
	Diploma in Architecture (D. Arch.)
	Bachelor of Business Administration (BBA)
	Bachelor of Vocation (B. Voc)
	Diploma in Vocation (D. Voc.)
4 years Programme	Doctor of Philosophy (Ph. D)
	Bachelor of Pharmacy (B. Pharm)
	Bachelor of Engineering (B.E.)
	Bachelor of Science Honors (B.Sc. Hon.)
	Bachelor of Design (B. Des.)
	Bachelor of Interior Design (BID)
	Bachelor of Hotel Management & Catering Technology (BHMCT)
5 Years Programme	Integrated MBA (IMBA)
	Integrated MCA (IMCA)
	Integrated M.Sc.
	Bachelor of Architecture (B.Arch.)
6 Years Programme	Pharm. D

COURSE WISE ENROLMENT OF STUDENTS FOR A.Y. 2024-25

Sr. No.	SECTIONS	TOTAL STUDENTS
1	BACHELOR OF ARCHITECTURE	67
2	BACHELOR OF BUSINESS ADMINISTRATION	919
3	BACHELOR OF COMPUTER APPLICATION	1031
4	BACHELOR OF DESIGN	77
5	BACHELOR OF ENGINEERING	24038
6	BACHELOR OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY	121
7	BACHELOR OF INTERIOR DESIGN	33
8	BACHELOR OF PHARMACY	4229
9	BACHELOR OF SCIENCE	34
10	BACHELOR OF VOCATION	671
11	DIPLOMA IN ARCHITECTURE	236
12	DIPLOMA IN ENGINEERING	31194
13	DIPLOMA IN PHARMACY	653
14	DIPLOMA IN VOCATION	76
15	MASTER OF ARCHITECTURE	7
16	MASTER OF ARTS IN HINDU STUDIES	11
17	MASTER OF BUSINESS ADMINISTRATION	4287
18	MASTER OF BUSINESS ADMINISTRATION (INTEGRATED)	477
19	MASTER OF COMPUTER APPLICATIONS	1531
20	MASTER OF COMPUTER APPLICATIONS (INTEGRATED)	161
21	MASTER OF ENGINEERING	749
22	MASTER OF PHARMACY	1049
23	MASTER OF SCIENCE (INDUSTRIAL BIOTECHNOLOGY)	23
24	MASTER OF SCIENCE (INTEGRATED)	408
25	POST GRADUATE DIPLOMA IN BIOINFORMATICS	7
26	POST GRADUATE DIPLOMA IN DATA SCIENCE	7
27	POST GRADUATE DIPLOMA IN DIGITAL MARKETING	28
28	POST GRADUATE DIPLOMA IN HOSPITAL MANAGEMENT	34
29	POST GRADUATE DIPLOMA IN IPR	7
TOTAL ENROLLED STUDENTS		72165

NO. OF STUDENTS TO BE CONFERRED DEGREE/DIPLOMA IN 14TH CONVOCATION

Sr. No.	SECTIONS	COUNT
1	BACHELOR OF ARCHITECTURE	91
2	BACHELOR OF COMPUTER APPLICATIONS (AS A PART OF 5 YEARS INTEGRATED MCA)	84
3	BACHELOR OF ENGINEERING	18295
4	BACHELOR OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY	65
5	BACHELOR OF BUSINESS ADMINISTRATION (AS A PART OF 5 YEARS INTEGRATED MBA)	265
6	BACHELOR OF PHARMACY	3298
7	BACHELOR OF TECHNOLOGY	667
8	BACHELOR OF TECHNOLOGY (HONOURS)	3
9	BACHELOR OF VOCATION	159
10	DIPLOMA IN ARCHITECTURE	1
11	POST GRADUATE DIPLOMA IN BIOINFORMATICS	7
12	POST GRADUATE DIPLOMA IN HOSPITAL MANAGEMENT	22
13	DIPLOMA IN ENGINEERING	10433
14	POST GRADUATE DIPLOMA IN DIGITAL MARKETING	11
15	DIPLOMA IN PHARMACY	364
16	POST GRADUATE DIPLOMA IN DATA SCIENCE	9
17	DIPLOMA IN VOCATION	46
18	PHARM.D.	140
19	MASTER OF SCIENCE (INDUSTRIAL BIOTECHNOLOGY)	21
20	MASTER OF COMPUTER APPLICATIONS (INTEGRATED)	71
21	BACHELOR OF SCIENCE (AS A PART OF 5 YEARS INTEGRATED M.SC. COMPUTER SCIENCE)	1
22	MASTER OF BUSINESS ADMINISTRATION (INTEGRATED)	120
23	MASTER OF BUSINESS ADMINISTRATION	2788
24	MASTER OF BUSINESS ADMINISTRATION	8
25	(INNOVATION, ENTREPRENEURSHIP AND VENTURE DEVELOPMENT) MASTER OF BUSINESS ADMINISTRATION (INTERNATIONAL BUSINESS)	49
26	MASTER OF COMPUTER APPLICATIONS	695
27	MASTER OF ENGINEERING	354
28	MASTER OF ARTS IN HINDU STUDIES	10
29	MASTER OF PHARMACY	637
30	MASTER OF ARCHITECTURE	3
31	MASTER OF BUSINESS ADMINISTRATION (PART TIME)	11
32	PHARM.D.(POST BACCALAUREATE)	11
33	POST DIPLOMA DEGREE COURSE	69
34	DOCTOR OF PHILOSOPHY	70
35	POST GRADUATE DIPLOMA IN IPR	23
36	MASTER OF TECHNOLOGY	27
TOTAL		38928

UNIVERSITY SECTIONS

Sr. No.	Sections	Concerned Section Head / Officer(S)	Designation
1.	Academic	Dr. Sarika Srivastava	Assistant Professor
		Dr. Utsav Gadhia	Academic Officer
2.	Account	Mr. H. D. Rahul	I/C Chief Account Officer
		Mr. M. N. Parmar	Accounts Officer
3.	Affiliation	Mr. Yuvrajsinh Raol	Deputy Registrar
4.	Centre for Continuing Education (CCE)	Mr. Mahesh Panchal	Assistant Professor
5.	Conference	Dr. Rajesh Chaudhari	Associate Professor
6.	Department of International Relations	Dr. Keyur Darji	Deputy Registrar
7.	Establishment	Mr. Sumit N. Patel	Assistant Registrar
		Mr. R. L. Patel	OSD
8.	Estate	Mr. Ragesh V. Thakor	OSD
		Mr. H. S. Patel	Deputy Engineer
9.	Examination	Dr. V. H. Borisagar	Controller of Examination (I/C)
		Mr. Vishal Barot	Assistant Registrar
10.	GTU Innovation Council	Dr. Mihir Shah	Advisor
		Dr. Tushar Panchal	Assistant Professor & Group CEO
		Mr. Rahul Bhagchandani	OSD
11.	GTU-SKILLS	Mr. Sunil Gangwani	OSD
		Dr. Minal Dani	OSD
12.	GTU - School of Applied Sciences & Technology	Dr. Vaibhav Bhatt	Professor & Director
13.	GTU- School of Engineering & Technology	Dr. Jignesh Amin	Professor
14.	GTU- Centre for Indian Knowledge System	Dr. Rajesh Chaudhari	Associate Professor
15.	GTU- School of Management Studies	Dr. Pankajray V. Patel	Professor & Director
16.	GTU- School of Pharmacy	Dr. Sanjay P. Chauhan	Professor
17.	Internal Audit	CA. Chitralli M. Parmar	Internal Auditor
18.	IT	Mr. Mahesh Panchal	Assistant Professor
19.	ITAP	Dr. Keyur Darji	Deputy Registrar
20.	IT-Exam	Shri. Sandip Modi	Computer Programmer
21.	Legal	Shri. Subham S. Sharma	Legal Officer

22.	Media	Shri. Milan Pathak	Information & Public Relation Officer
23.	PhD	Ms. Neha Gameti	Research Associate
24.	R & D Cell & IPR	Dr. R. A. Thakkar	Director & I/C IPR Chair Professor
		Ms. Mona Chaurasiya	Research Coordinator
25.	Samvad	Ms. Jitakshi Bhatt	OSD
26.	Sports, Youth Affairs & Cultural Activities	Dr. Akash Gohil	Sports Officer
27.	Store & Purchase	Mr. Tushar Trambadiya	Assistant Registrar
28.	Student Support	Ms. Shobhana T. Sengunthar	Statistical Officer



AWARDS AND RECOGNITIONS



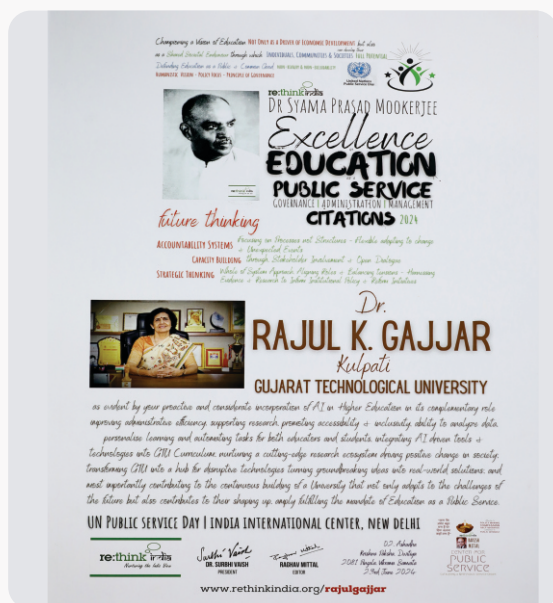
Gujarat State Institutional Rating Framework (GSIRF) - 2024

GTU achieved 5 star rating in GSIRF (Gujarat State Institutional Rating Framework) and stood in top 10 universities in Gujarat and received Certificate of appreciation of GSIRF from Shri Rushikeshbhai Patel, Hon'ble Education Minister, Govt of Gujarat at Vice Chancellors' Summit organized by Education Department, Govt of Gujarat on 5th December, 2024

National Institute Ranking Framework (NIRF) 2024

This year, GTU secured the following ranks in NIRF 2024:

- The university was ranked in the top 100 universities under the 'State Public university' category.
- GTU was ranked in the top 50 universities under 'Innovation category'.
- GTU School of Pharmacy secured 70th rank in the pharmacy category in India and 6th rank in Gujarat.



India Today's MDRA (Marketing and Development Research Associates) Ranking

GTU achieved the 19th rank in the Top Technical Universities in India 2024, as announced by India Today's MDRA (Marketing and Development Research Associates), and secured the 2nd rank in Gujarat. GTU obtained a score of 1238.5 marks out of 2000 marks.

GTU Stood 1st in Gujarat & 2nd in India Among 450 Universities to Upload Students' Credit Data on ABC Portal

Dr. Syama Prasad Mookerjee Citation Award 2024

Dr. Rajul K. Gajjar, Honourable Vice Chancellor, Gujarat Technological University received Dr. Syama Prasad Mookerjee Citation award 2024 on 23rd June 2024



The Economic Times Education Excellence Awards 2024

GTU received the Gold Award for Excellence in the Global Collaboration category in the Economic Times Education Excellence Awards 2024, organized on 6th & 7th June 2024. Dr. Keyur Darji (Deputy Registrar, GTU) and Dr. Kaushal Bhatt (IQAC, Coordinator) represented GTU at this prestigious event.

Green Audit and Accreditation

Energy audits assist universities in improving sustainability and efficiency, which positively impacts NAAC accreditation. GTU received its first green certification in 2021, with a two-year validity period. GTU sought again for Green Accreditation and was re-accredited by Green Mentors as a Green University in Platinum Ranking till 2027.



Times All India Annual Engineering Institute Ranking Survey-2024

GTU School of Engineering and Technology secured 5th rank as an emerging institute in the Times All India Annual Engineering Institute Ranking Survey-2024.

Gujarat Power Engineering and Research Institute (GPRI), GTU ranked in the Top 125 Private Engineering Institute of the Times All India Annual Engineering Institute Ranking Survey-2024.

Appreciation Certificate

GPRI received an appreciation certificate by Dr. Vinay S. Purani, Chairman, Technical Education Board, Education Department, Government of Gujarat. Dr. Chirag Vibhakar, Principal, GPRI received the same on 10th February 2024



GTU received Academic Excellence Award 2024

GTU received the Academic Excellence Award in Outlook Business Indo Global Business Excellence Awards- 2024 by Shri. Batti Vikramarka Mallu, Hon'ble Deputy Chief Minister of Telangana.

MoU 2024

MoU with Career Bridge Skill Solutions on 6th January 2024



MoU with Gujarat Pollution Control Board (GPCB) on 11th January 2024



MoU with Bureau of Indian Standards (BIS) on 16th January 2024

MoU with South Dakota State University, USA on 29th January 2024



MoU with Swavlambhi Bharat Abhiyan on 30th January 2024



MoU with TCS iON on 31st January 2024



MoU with Surat Municipal Institute of Medical Education and Research on 9th February 2024



MoU with Kasetsart University, Thailand on 14th February 2024



**MoU with Concrete Shop
on 17th February 2024**



**MoU with Aarya Precast India Pvt. Ltd.
on 17th February 2024**



**MoU with SnehShilp Foundation on
18th February 2024**

**MoU with TASA Global on
21st February 2024**

**MoU with Virginia Commonwealth
University on 5th March 2024**

**MoU with SAC-ISRO, Ahmedabad on
7th March 2024**



**MoU with Neptune Industries Ltd on
13th March 2024**



**MoU with Office of the Collector & District
Election officer Ahmedabad on 21st March 2024**



**MoU with Viswin Global Solutions Pvt Ltd
Australia on 29th April 2024**



**MoU with Amtech Electronics India Limited
on 29th May 2024**

MoU with The University of Delaware, USA on 30th April 2024



**MoU with AIA CSR Foundation
on 1st June 2024**



**MoU with Venture Centre Pune
on 14th June 2024**



**MoU with University of Tasmania on
18th July 2024**



**MoU with The Indian Red Cross Society, Gujarat
State Branch (IRCS-GSB) on 30th August 2024**

MoU with Suchi Semicon Pvt. Ltd. on 19th July 2024

MoU with Kaynes Technology & Perceptives Solutions on 19th July 2024

MoU with European Centre for Career Education, Czech Republic on 14th August 2024

MoU with Builders Association of India on 17th August 2024

MoU with Hydrocarbon Sector Skill Council on 22nd August 2024



MoU with AMC Dental College and Hospital, Ahmedabad on 31st August 2024



MoU with U.S. Institute of 3D Technology on 3rd October 2024



MoU with Innovation and Incubation Hub MNNIT Foundation on 15th October 2024

MoU with INTI International University & Viswin Global Solutions on 19th November 2024

MoU with CSRBOX Foundation on 25th November 2024

MoU with Australian Institute of Advanced Technologies & Education hub of Australia Pvt Ltd on 26th November 2024

MoU with Ahmedabad School of Digital Marketing on 3rd December 2024



SECTION - II

ACADEMIC REFORMS AS PER NEP-2020

GTU INITIATIVES TOWARDS NEP -2020 IMPLEMENTATION

GTU has taken several initiatives in the following key areas -

- **Multidisciplinary & Holistic Education**
- **Digital Empowerment & Online Education**
- **Skill Development & Employability**
- **Research, Innovation & Entrepreneurship**
- **Capacity Building of Teachers**
- **Governance & Autonomy**
- **Quality, Ranking & Accreditation**
- **Equitable & Inclusive Education**
- **Promotion of Indian Languages & Indian Knowledge System**
- **Multidisciplinary & Holistic Education**
 - GTU has prepared new credit framework for UG, PG and Diploma Engineering according to the National Credit Framework (NCrF) and implemented from A.Y. 2024-25.
 - Value based courses like CPDP (Contributor Personality Development Program), IPDC (Integrated Personality Development Course), Universal Human Values (UHV) are offered in UG programs.
 - Professional Communication and Ethics, Indian Constitution, Sports & Yoga are offered at various levels of programs.
 - Courses on Indian Knowledge Systems (IKS) are included in the new curriculum revision of Diploma, UG and PG from A.Y. 2024-25.
 - IKS is introduced mandatorily in Literature Review for Ph.D. students.
 - Implementation of MOOCs for Diploma, UG and PG Programs w.e.f. A.Y. 2024-25
 - Introduced Multiple Entry – Multiple Exit Framework.
 - Students can now apply for Ph.D. directly after 4 years of B.E.

Credit Structure for Diploma, UG, PG and Ph.D. Programs from A.Y. 2024-25

Programs	Total Credits
Diploma	122
Undergraduate	166
Postgraduate Diploma	40
Master (ME)	82
Master (MBA/MCA)	84
Integrated Programs	200
Doctoral Degree	12 credits for Course Work

Distribution of Credits for Diploma Engineering from A.Y. 2024-25

Course Category	Credits	% of Total Credits
Humanities and Social Science, including Management Courses	6	5
Basic Science Courses	16	13
Engineering Science courses	14	11

Professional Core Courses	47	39
Professional Elective relevant to chosen Specialization /branch	16	13
Multidisciplinary Open Professional Electives Courses	6	5
Project Work	17	14
Skilling-Based Course/Training		
Internship in Industry or elsewhere		
Audit Courses (Environment Sciences, Induction Program, Indian Constitution, Essence of Indian Knowledge System), etc.	Mandatory Non-Credit Courses	0
Total Credits	122	100

Distribution of Credits for UG Engineering from A.Y. 2024-25

Course Category	Credits	% of Total Credits
Humanities and Social Science, including Management Courses	8	5
Basic Science Courses	20	12
Engineering Science courses including Workshop, Drawing, Basics of Electronics/ Electrical/Mechanical/Computer etc.	21	13
Professional Core Courses (PCC)	65	39
Professional Elective Courses relevant to chosen specialization/branch (PEC)	24	14
Multidisciplinary Open Professional Electives Courses (MOPEC)	11	7
Internship in Industry	15	9
Skill-Based Internship Program (SIP)	2	1
Audit Courses (Environment Sciences, Induction Program with Essence of Indian Knowledge System, Indian Constitutions)	Mandatory Non-Credit Courses	0
Total Credits	166	100

Distribution of Credits for PG Engineering from A.Y. 2024-25

Course Category	Credits	% of Total Credits
Internal Review / Dissertation Work/ Coursework	41	50
Mandatory Learning Course / Technical Communication /Humanities and Social Sciences	2	2
Professional Core Courses	16	20
Professional Elective relevant to chosen specialization/branch	20	24
Multidisciplinary Open Professional Electives Courses/ Collaborative Research Project or Electives	3	4
Audit Course/ Orientation program	Mandatory Non-Credit Courses	0
Total Credits	82	100

- **Digital Empowerment & Online Education**

- Implementation of SAMRATH ERP
- Launched “GTU Sarthi” on 8th August 24 – an AI Chatbot on GTU Website.
- GTU offers MBA (International Business) programme in online mode under UGC entitled category from A.Y. 2024-25.
- The Academic Bank of Credits (ABC) has been implemented at university and till date 3.65 lakhs students have been successfully registered.
- It has been made compulsory for the students who enrolled from the academic year 2023-24 to create ABC ID.
- According to National Academic Depository (NAD) statistics, GTU secured the first position in online data

Digital Record	Count
Degree Certificates	18,27,836
Mark sheets	22,05,204
ABC Accounts	3,65,643
ABC Credit Data (Mark sheets mapped with ABC ID)	9,11,127
Number of Students whose Mark sheet data mapped with ABC ID	11,27,196

- **Skill Development and Employability**

- **GTU SKILLS (GTU – Syama Prasad Mookerjee Kendra for Industry & Lifelong Learning Skills)** is envisioned as a hub for all skill programs in emerging areas to cater the needs of industries. It provides the platform for various industries and skill training institutes to offer joint certification programs with GTU, especially in emerging technologies.
- Through the **Centre for Continuing Education (CCE)**, about 60 micro-credit courses have been offered in various skills domains as per the industry demand.
- **GTU-AIA Engineering Ltd. Training & Skill Development Centre-** To cater the need of large-scale foundry industry – AIA engineering, Ahmedabad, GTU has established industry-funded training and skill development
- **External and Joint Programs:** GTU offers following programs for students apart from regular programs to
 - **Institute-offered Minor / Hons. Program:** Offered Minor/Hons. Programs in the 24 branches (19 AICTE approved and 5 University approved nomenclatures) in the emerging areas of Machine Learning, Data Science, Electric Vehicles, 3D printing, Cyber Security, Robotics, Green Technology and Sustainability Engineering and Smart Cities.
 - **University offered Industry-led Minor/Hons. Programs'** in association with the leading industry partners for UG Students of GTU.
 - Fully funded IIT-Gandhinagar External Students Program.
 - ME in Armament Engineering run by EME School, Vadodara.
 - Course on Semiconductor Technologies in Association with Micron Technology.
 - Programs for Working Professionals.
 - National Cadets Corps (NCC) as a General Elective Credit Course.
 - Joint Program of Diploma in Mechanical (Manufacturing Technology) in collaboration with Toyota Tsusho.

• **Integration of “Skill component” in curriculum:**

- **Full semester internship** in semester 8 of BE program (15 Credits) and in semester 6 of Diploma Engineering (12 Credits).
- **2-weeks Skill-based Internship Program** (SIP - 2 Credits) in semester gap of 6th and 7th semester of BE program and in semester gap of 4th and 5th semester of Diploma Engineering.
- **Skill Based Training** (SBT) (AY 2023-24): 85 Skill-based certifications from recognized industry/skill certificate providers have been offered including DST-GKS Funding Scheme. 1537 Students participated

• **Industry Collaborations:**

- MoUs with more than 35 leading industry partners & associations.
- International Automobile Centre of Excellence (IACE) by Maruti Suzuki, L&T EduTech, Infosys Springboard, TCSiON and TATA IIS, Gujarat Institute of Civil Engineers & Architecture (GICEA), Textile

• **Centre of Excellences and Skill Development Centers:**

- Centre of Excellence in Automation by Bosch Rexroth, Germany
- Centre of Excellence in Blockchain Technology supported by Edu. Dept. GoG
- Code Unnati Centre of Excellence on Emerging Technologies
- GTU - Keepsake Welding Research and Skill Development Centre
- Siemens Centre of Excellence in “Industrial Instrumentation”

• **Research, Innovation & Entrepreneurship**



Innovation: Impact by GTU Ventures (Formerly known as GTU Innovation Council)

440000	Students Sensitized
3578	Student Projects Supported
758	Startups/PoC Supported
Rs. 25 Cr	Funding Disbursed
4,100+	Jobs Created
630+	Capacity Building Programs
165	Patents Granted
273	Mentor Engaged
Rs. 114+ Cr	Revenue by Startups

• Capacity Building of Teachers

- GTU received the approval of establishment of **AIU- Academic and Administrative Development Center (AADC)** with financial support of 2 Lakhs on 5th August 2024.
- **GTU ARYABHATTA Faculty Development Centre** - A Dedicated center is formed for Faculty and Staff Capacity Building.
- **FAST, SRS, SMS Schemes under IQAC:** Provision of grants for the teachers to participate in National and International Level Conferences, Seminars, Workshops and Training Programs.
- **Research Promotion Scheme for Minor Research Project under IQAC:** Provision of grants for the teachers of affiliated institutes to do the Minor Research Projects.

• Governance & Autonomy

Five institutes are granted autonomous status by GTU -

- Birla Vishwakarma Institute
- L. M. Pharmacy College
- Dhanvantary Pharmacy College
- RNG Patel Institute of Technology

• Quality, Ranking & Accreditation

- GTU achieved 5 star rating in GSIRF (Gujarat State Institutional Rating Framework) and stood in top 10 universities in Gujarat.
- GTU secured the following ranks in NIRF 2024:
 - In the top 100 universities under the 'State Public university' category.
 - In the top 50 universities under 'Innovation category'.
 - GTU School of Pharmacy (GSP) secured 70th rank in the pharmacy category in India and 6th rank in
- GTU achieved the 19th rank in the Top Technical Universities in India 2024, as announced by India Today's MDRA (Marketing and Development Research Associates), and secured the 2nd rank in Gujarat.
- GTU School of Engineering and Technology (GSET) secured 5th rank as an emerging institute in the Times All India Annual Engineering Institute Ranking Survey-2024.
- Gujarat Power Engineering and Research Institute (GPRI), GTU ranked in the Top 125 Private Engineering Institute of the Times All India Annual Engineering Institute Ranking Survey-2024.

Details of Accreditation - GTU Affiliated colleges

As of December 2024

Status of NBA Accreditation by GTU Affiliated Colleges as of October 2024

Total Number of Institutes	Govt. Institutes	SFI	Diploma	UG	PG	Total number of Depts.	Engineering Dept.	Pharmacy	MBA
36	22	14	16	18	2	86	82	3	2

GTU Affiliated Institutes List with NAAC Accreditation status

Sr.	Institute Name	Institute Type	Grade	Validity
1	Anand Pharmacy College	SFI	A+	02-05-2027
2	Birla Vishwakarma Mahavidyalaya, Vallabh Vidyanagar	GIA	A	19-12-2027
3	L.M. College of Pharmacy	GIA	A	01-03-2027
4	Shree Dhanvantary Pharmacy College	SFI	B++	30-03-2026
5	Smt. Champaben Vasantbhai Gajera Pharmacy Mahila College	SFI	B	18-07-2028

GTU Affiliated Institutes List with NIRF Ranking status -2024

Sr.	Institute Name	Institute Type	All India NIRF Ranking 2024
1	L.M. College of Pharmacy	GIA	52
2	GTU - Graduate School of Pharmacy	GOV	70

- **Equitable & Inclusive Education**

GTU supports equitable & inclusive education and provides equal opportunities to female and male students / candidates.

- **Promotion of Indian Languages & Indian Knowledge System**

- GTU in association with AICTE has taken up project to translate UG and Diploma Engineering books in

Statistics of First Year UG and Diploma Books	
Total No. of Books (UG and Diploma) Received from AICTE	20
Total No. of UG Books (UG and Diploma) translated by GTU	20

Statistics of Second Year UG and Diploma Books	
Total No. of Books (UG and Diploma) Received from AICTE for Second Year	71
Total No. of UG Books (UG and Diploma) translated and submitted to AICTE by GTU	50 (Highest among all states)
Total No. of Books (UG and Diploma) uploaded on E-Kumbh Portal	31 (Highest among all states)

- GTU has also taken lead to convert approx. 50,000 technical words in Gujarati language which would be helpful for Engineering students. This project of “**Gujarati Glossary**” is run by **Commission for Scientific and Technical Terminology (CSTT), Ministry of Education**.

- IKS is offered in all branches of Diploma Engineering in Semester-2.
- Student Induction Program (SIP) with essence of Indian Knowledge Systems (IKS) for 3 weeks and 2 weeks for first year UG Engineering and Diploma Engineering students respectively.
- IKS is compulsory subject of 2 credits in MBA Semester-1, BBA Semester- 1 and BCA Semester-1.

- **Lectures in Gujarati Language are available on GTU YouTube Channel**

- **DHAROHAR – GTU Centre for Indian Knowledge System** has been established to promote courses on Indian culture, philosophy, and knowledge systems. The center aligns with the National Education Policy (NEP)- 2020,

- **Internationalization of Education**

International Experience Program (IEP)

International Experience Programme (IEP)

- Largest student mobility programme in India.
- Started since 2011
- Objective : To provide international pedagogical and socio-cultural exposure to students
- Duration: 6-8 weeks in month of June-July
- Core Activities: Study of two final year subjects of respective courses, industry visit, excursion visits and participation in socio-cultural events.
- Numbers: 2200+ students have participated in IEP since 2011.
- Key Highlight: GTU sponsor the academic cost of teaching to all students.
- Benefits: Intense global exposure, positive impact on career opportunities, benefits in pursuance of higher study at abroad, positive impact on personality development with enhancement of interpersonal skills

2372 Students

11 Years

8 Universities

6 Countries

Foreign Students' Cell (FSC), GTU

Started in 2013

-Total number of foreign students enrolled till AY 2024-25: **1316**

-Total number of foreign students admitted in AY 2024-25 : **165**

No. of students (Education level): **Ph.D. (13), PG (261), UG (1030), Diploma (11), PG Diploma (1)**

Total number of countries: **66**

Submitted by:

Dr. Sarika Srivastava, Head – Academic Section, GTU

ALL INDIA TECHNICAL UNIVERSITIES VICE CHANCELLORS CONCLAVE

on

NEP-2020 Best Practices and Implementation Strategies (28th and 29th November 2024)

Gujarat Technological University in association with Government of Gujarat, AICTE and Shiksha Sanskriti Utthan Nyas organized 'All India Technical Universities Vice Chancellors Conclave' on 'NEP-2020 Best Practices and Implementation Strategies' during 28th and 29th November 2024. The two-day VC Conclave highlighted GTU's alignment with NEP goals through innovative curricula like semiconductor courses and strong industry-academia collaborations. Sessions emphasized holistic education, digitalization, skill development, IKS integration, and fostering innovation-driven initiatives to enhance employability and prepare students for future challenges.

Dr. Atul Kothari, National Secretary, Shiksha Sanskriti Utthan Nyas, New Delhi; Dr. T. G. Sitharam, Hon'ble Chairman, AICTE, New Delhi; Smt. Sunaina Tomar, IAS, Additional Chief Secretary (Higher and Technical Education), Govt. of Gujarat; Dr. (Mrs.) Pankaj Mittal, Secretary General, Association of Indian Universities (AIU), New Delhi; Shri Banchha Nidhi Pani, IAS, Commissioner, Commissionerate of Technical Education, Govt. of Gujarat; Dr. Rajul Gajjar, Vice Chancellor, GTU and Dr. K. N. Kher, Registrar, GTU graced the inaugural ceremony and also launch 'GTU SKILLS' and 'GTU Ventures'.

Inaugural Session

The Vice-Chancellors' Conclave on NEP- 2020 Best Practices and Implementation commenced with a lamp lighting ceremony, symbolizing the dispelling of ignorance and the illumination of knowledge.

Welcome Address by Dr. K. N. Kher, Registrar, GTU

The conclave commenced with a gracious welcome address by Dr. K.N. Kher, Registrar - GTU who expressed heartfelt gratitude to the distinguished guests, Vice-Chancellors, policymakers, and industry leaders. The Registrar emphasized the significance of such gatherings in shaping the future of education under NEP 2020.

The dignitaries were felicitated with eco-friendly pot plants and mementos, symbolizing sustainability and a commitment to green initiatives. These plants will be thoughtfully integrated into GTU's campus landscaping as a gesture of collective growth and continuity.



Opening Remarks by Dr. Rajul Gajjar, Vice Chancellor, GTU

GTU's Vice-Chancellor delivered an inspiring keynote, focusing on systemic changes for NEP implementation and sharing GTU's role in spearheading innovation and reform. She underlined several initiatives and achievements, including GTU's alignment with NEP-2020 by fostering multidisciplinary education and forming strategic collaborations with premier institutions like ISRO, GBRC, IITs, and NIPER; allowing students to gain practical industry experience while ensuring retention in academic programs; Development of Minor/ Hons. Programs and dual-degree programs, blending disciplines like arts, AI, and engineering for holistic education; Collaboration with DST and DBT for high-tech digital courses and MOOCs; highest registrations in the Academic Bank of Credits (ABC), Planning industry-linked projects with academic credits for enhanced learning outcomes, receiving 18.5 crore in IP funding, filing 123 patents, publishing 683 articles, and mentoring over 1,700 Ph.D. scholars.



The session also marked the launch of two major initiatives:

- **GTU Ventures:** A comprehensive ecosystem to support startups, technology transfer, and innovation, aiming to nurture entrepreneurial talent among students and faculty members.
- **GTU Skills – Syama Prasad Mukherjee Kendra for Industry and Lifelong Learning:** A skill development hub focused on bridging the gap between academia and industry through customized courses designed to meet real-world demands.

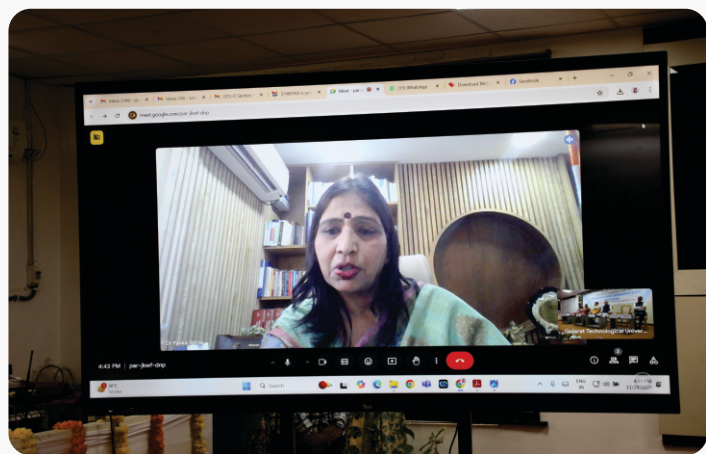


Address by Shri Banchha Nidhi Pani, IAS, Commissioner, Commissionerate of Technical Education, Govt. of Gujarat

Shri B. N. Pani commended the National Education Policy (NEP) for its transformative potential in reshaping the educational landscape of India. He emphasized the critical need for academia-industry collaboration to address the rapidly evolving demands of the industrial sector. The NEP, with its focus on flexibility, multidisciplinary learning, and practical skill development, provides a robust framework to bridge the gap between academic institutions and industry. Shri Pani highlighted that such collaborations are essential to equip students with industry-relevant skills and prepare them for emerging challenges in a globalized economy. He added that by fostering partnerships between universities and corporations, the NEP is paving the way for creating a highly skilled and employable workforce, ultimately contributing to India's vision of becoming a global knowledge leader (Vishwaguru).



In this context, Shri Pani acknowledged Gujarat Technological University (GTU) as a trailblazer in aligning its academic offerings with industry requirements. He specifically highlighted GTU's initiative to introduce semiconductor-focused courses with dedicated credits, underscoring the university's responsiveness to the booming demand for semiconductor technologies. Such curriculum advancements not only reflect GTU's commitment to NEP objectives but also position the university as a leader in fostering innovation and practical skill-building.



Address by Dr. (Mrs.) Pankaj Mittal, Secretary General, Association of Indian Universities (AIU), New Delhi

Dr. Pankaj Mittal, representing the Association of Indian Universities (AIU), emphasized the importance of university-level reforms to align educational institutions with contemporary needs. She stressed that universities must clearly define their roles, categorizing themselves as either teaching universities, research-focused institutions, or degree-awarding centers. By doing so, institutions can streamline their operations and tailor their strategies to meet specific academic and professional objectives. Dr. Mittal also advocated for the effective use of the Academic Bank of Credit (ABC) system,

which allows students to accumulate credits across various courses, enabling them to design more flexible and personalized educational pathways. She suggested transitioning from a rigid, program-based admission structure to a more adaptable course-based system, providing students with greater autonomy in their educational journey. Dr. Mittal joined the program online to share her valuable insights.

Further, Dr. Mittal proposed the integration of internships as a mandatory component for students, particularly in technical universities, with a focus on embedding practical, hands-on experience into the curriculum each semester. This would bridge the gap between academic learning and industry demands, ensuring that students are better equipped for the workforce. She also highlighted the transformative potential of artificial intelligence (AI) and digital tools in modernizing education, advocating for their widespread use to enhance teaching, learning, and administrative processes. By embracing these technological advancements, universities can foster a more efficient, accessible, and future-ready education system that aligns with global standards.



Address by Smt. Sunaina Tomar, IAS, Additional Chief Secretary (Higher and Technical Education), Govt. of Gujarat

Smt. Sunaina Tomar called for a paradigm shift in traditional education methods, emphasizing the need to move beyond rote learning and memory-based assessments. She advocated for a more dynamic and student-centered approach that fosters skills development, creativity, and innovation. Highlighting the transformative vision of the National Education Policy (NEP), she stressed the importance of integrating holistic development into the curriculum, combining modern pedagogies with traditional wisdom such as Ayurveda and other Indian Knowledge Systems (IKS). This integration aims to prepare students not only for employment but also for personal growth and societal contributions. By equipping learners with critical thinking abilities, adaptability, and an innovative mindset, education can become a true enabler of individual and national progress.

Additionally, she encouraged stakeholders to revisit their action plans periodically to evaluate progress and identify areas for improvement. Through initiatives like the upcoming educational conclave, she emphasized the need for collective introspection, where institutions can share insights, challenges, and strategies for achieving NEP goals. This focus on continuous review and collaboration ensures that the policy's implementation remains relevant and impactful, driving systemic reforms that align with India's long-term vision for education.

Address by Dr. T. G. Sitharam, Hon'ble Chairman, AICTE, New Delhi

Prof. T. G. Sitharam discussed the notable advancements made under the National Education Policy (NEP), emphasizing its transformative impact on the higher education system. He highlighted the remarkable growth in the Gross Enrollment Ratio (GER), showcasing how NEP has successfully increased access to education, particularly in STEM fields, and brought a diverse range of learners into the fold of higher education. Furthermore, he pointed out the growing trend of course-wise registrations, which reflect the move toward a more flexible and modular education system that aligns with the NEP's vision of promoting choice-based learning.



Prof. Sitharam announced several upcoming initiatives, including the launch of a supernumerary seat portal. This initiative aims to enhance inclusivity by providing additional seats across courses, allowing a greater number of students, including international learners and underrepresented groups, to access higher education. He also emphasized the introduction of flexible programs for working professionals, such as evening and part-time courses, which will offer equal valuation and accreditation as full-time degrees. This move is expected to address the needs of lifelong learners and working professionals seeking upskilling opportunities.

In line with NEP's interdisciplinary approach, Prof. Sitharam underlined the importance of breaking down traditional academic silos to foster interdisciplinary learning. He encouraged institutions to create programs that blend science, technology, humanities, and arts, ensuring that students are equipped with holistic skill sets that cater to the evolving job market. He further stressed the need for industry collaboration in shaping curricula and providing real-world exposure through internships, industry projects, and Centers of Excellence. Such partnerships are critical for bridging the gap between academic knowledge and industry requirements, thereby enhancing employability.

Prof. Sitharam also praised AICTE's leadership in advancing education in STEM (Science, Technology, Engineering,

and Mathematics). He highlighted AICTE's role in introducing innovative programs, facilitating research and development in emerging technologies, and promoting initiatives like the Smart India Hackathon, which has empowered students to address real-world challenges through creativity and innovation. By fostering such initiatives, NEP has not only strengthened India's STEM ecosystem but also positioned the country as a global hub for talent and innovation.



Address by Dr. Atul Kothari, National Secretary, Shiksha Sanskriti Utthan Nyas, New Delhi

Dr. Atul Kothari strongly advocated for embedding Indian Knowledge Systems (IKS) into the curriculum to foster a holistic and culturally grounded education. He emphasized that IKS provides a rich repository of ancient wisdom, values, and practices that are still relevant today. By integrating these into modern education, students can develop a deeper understanding of India's heritage while also acquiring practical knowledge that is community-centric and globally applicable.

He highlighted the need to design curriculums that address local needs and contexts, suggesting that skill development programs should not adopt a one-size-fits-all approach. Instead, they should be tailored to meet the unique socio-economic and cultural requirements of various regions, ensuring that education is directly aligned with the needs of local communities and industries.

On research, Dr. Kothari underscored the importance of inculcating a research orientation from the very first year of education. He proposed that students should begin exploring real-world problems early in their academic journey, allowing them ample time to develop innovative and meaningful solutions over the course of their studies. This approach not only fosters critical thinking and problem-solving skills but also ensures that students are better equipped to contribute to national development goals.

To facilitate this, he recommended the formation of student task forces—dedicated teams of students who work collaboratively on specific societal, industrial, or environmental challenges. These task forces would be guided by mentors and aligned with NEP's vision of multidisciplinary and experiential learning.

Day 1: Plenary Session was conducted by Shri Unnat Pandit

Day 1 (28th November 2024)

Technical Session-I

Session1: Pedagogy and Multidisciplinary Approaches

Session Chair: Dr. T. G. Sitharam, Hon'ble Chairman, AICTE

Speakers:

Prof. Padmakumar Nair (Thapar Institute)

Prof. Sudhir Kumar Barai (BITS Pilani)

Prof. Onkar Singh (VMSB Uttarakhand)



Day 2: 29th November, 2024

Technical Session I: Research, Innovation and Entrepreneurship

Technical Session II: Multidisciplinary & Holistic Education

Session Chair - Prof. Shamsheer Singh (HBTU, Himachal Pradesh)

Speakers:

Dr. Nithin George (Professor, IIT Gandhinagar)

Dr. Sunadar Manohar (DG, PDEU)

Dr. Sashikumar Dhiman (Himachal Pradesh, HPTU)

Dr. Keyur Darji (Director, GTU)



Plenary Session: Smt. Anita Karwal, Retd. IAS

Smt. Anita Karwal, Retd. IAS, delivered a compelling plenary session on the future of higher and technical education in Gujarat, emphasizing the urgency for change, as echoed by the CEO of LinkedIn. She stressed the need to move away from outdated metrics like degrees, pedigrees, and former work experience, focusing instead on developing the right skills. With the rise of AI, she noted the constant changes in the job landscape, where emerging roles like cyber calamity forecasters and human-machine team managers are in demand. Smt. Karwal highlighted the importance of

competence-based teaching and the integration of environmental education, with green jobs on the rise due to climate change. AI is predicted to drive 50% of job growth, necessitating a focus on AI ethics. She introduced cutting-edge tools such as Khamigo, Claude, and Google Notebook LM, promoting the idea that skills, including emotional intelligence (EQ), are more valuable than degrees. The need for a reskilling ecosystem, micro-credentials, and sustainability in technical education was underscored, along with addressing ethical dilemmas in hybrid workplaces and the importance of collaboration and communication skills.

Technical Session III: Indian Knowledge Systems and Digitalization

Session Chair: Dr. Navin Sheth (Former, VC, GTU)

Speaker:

Dr. Ravi Kant (SVNIT, Surat)

This conclave reaffirmed GTU's leadership in implementing NEP 2020, fostering collaboration, and setting benchmarks for higher education institutions nationwide.



SECTION - III

RESEARCH INITIATIVES, INDUSTRY OUTREACH, SKILLS DEVELOPMENT AND TRAINING & PLACEMENT

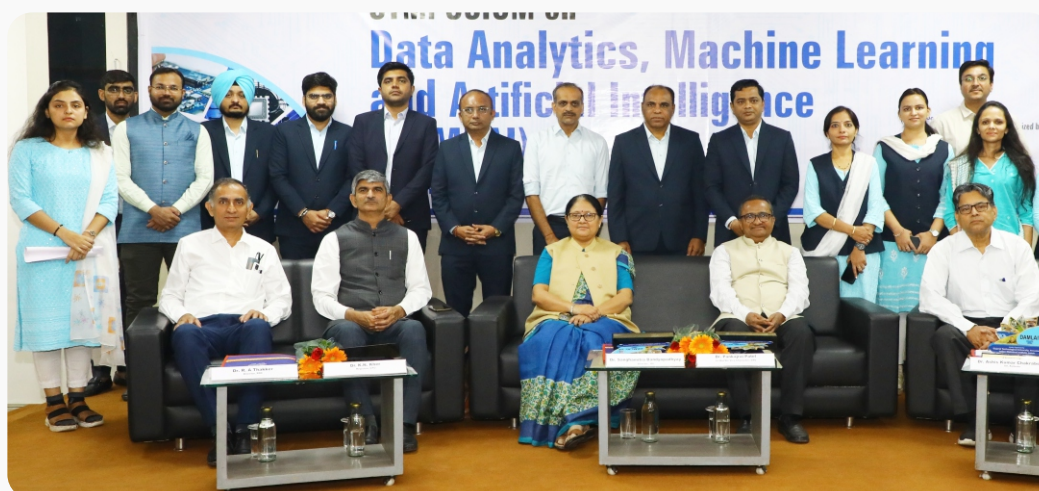
RESEARCH & DEVELOPMENT CELL

The National Education Policy (NEP) 2020 emphasizes the importance of fostering quality research within the higher education framework. Research and innovation are essential for enhancing and addressing the societal challenges faced by our state/country, and therefore, establishing R&D Cell at each Higher Educational Institutions, as envisaged in NEP-2020, will support the development of Atma-Nirbhar Bharat (Self-reliant India).

The R&D Cell at the University plays a crucial role in promoting a multidisciplinary, and translational research culture. This Cell aims to cultivate a research ecosystem that prioritizes research, innovation and technological advancement at GTU. The R&D Cell facilitates research, innovation and technology development for the benefit of the students, faculties, adjoining industries and the society. The R & D Cell at the University is established with a vision to develop a mechanism for developing and strengthening the research ecosystem aligned with the provisions of NEP-2020.

The R & D Cell at GTU aims to deliver reliable, impactful and sustainable outcomes through nurturing human resource, imparting the required knowledge and skill set, generating relevant policies for promotion and advancement of research and innovation. Following are some highlights of key activities undertaken by the R&D Cell, in collaboration with various Schools from January-October, 2024.

DAMLAI-2024: Data Analytics, Machine Learning and Artificial Intelligence (DAMLAI) - 2024 Symposia, was jointly organized from 21st-23rd March, 2024 by GTU-R & D Cell and GTU-SET in association with Indian Statistical Institute (ISI), Kolkata. This symposia discussed about the latest trends in data analytics, machine learning and artificial intelligence along with its applications in diverse fields of research.



Roundtables: During the Gujarat SemiConnect Conference-2024 (organized by DST – GoG) held on 19th July, 2024; GTU's R&D Cell jointly with GTU - SKILLS had organized a roundtable along with many leading industries like Micron, L&T Semicon, Kaynes, Suchi Semicon and Synopsys and signed MoUs with Kaynes Technology and Suchi Semicon Pvt. Ltd.



Another roundtable was also jointly organized GTU - R&D Cell jointly with GTU - SKILLS organized a roundtable on “Need Assessment for high quality chemicals and gases used in Semiconductor Manufacturing” on 21st September, 2024. This roundtable was aimed at addressing the growing demands and challenges faced by the semiconductor industry in securing high-quality chemicals and gases for production processes. It was attended by representatives from industries, research organizations and academic institutions.

Faculty Development Program: A one-week training was imparted to 30 faculties belonging to 18 different institutions from 2nd-6th September, 2024 on advanced industry standard semiconductor design automation tools i.e. Cadence and Synopsys.



Seminar: A Seminar on “A Vision for India to Lead in Semiconductor R&D and Manufacturing (What, Why & How?)” was delivered by Dr. Mayank Shrivastava, Prof., DESE, IISc- Bangalore on 16th October, 2024 wherein 114 participants were acquainted with the various courses and training programmes being offered by IISc-Bangalore in partnership with NSE Talentspirit and Synopsys.



Research Oriented Sessions: R & D cell has organized many research-oriented session throughout the year. One of them was an online session organized on “Exploring opportunities for Civil Engineering Research Supervisors to collaborate with IIT Madras” on 4th September, 2024. Dr. S. Chandrasekaran, Professor, IIT-Madras led the discussion along with his colleagues, namely, Dr. Rajiv Sharma, Prof. G. R. Dodagoudar, Dr. Arun Menon, Dr. R. Panner Selvam and Dr. P. S. Lakshmi Priya working in areas of Ocean and Civil Engineering.

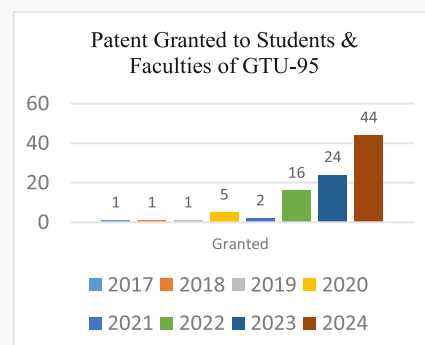
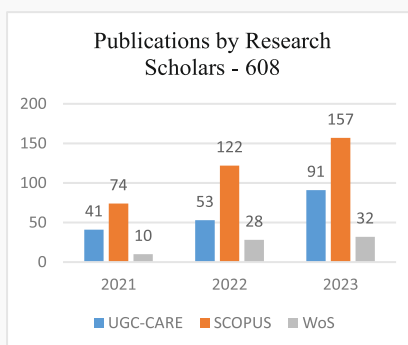
Other Initiatives: The R&D Cell has been instrumental in reconstituting the Research Council (RC) and Doctoral Research Committees (DRCs) at the University having maximum representation of scientists from leading R & D organizations of the nation/state for the next three years. PhD awareness seminars were also organized to encourage young dynamic researchers from academic and industries to join the PhD program. Bi-monthly bulletin on Research and Academic publications, quarterly R & D Newsletter, MoUs with leading research organizations and industries, etc. are also some of the significant contributions of R & D cell.



R & D Newsletters



Bulletin- Research & Academic Publications



The TMMS portal is also added with many interactive features like dashboard, fee payment module, email alert system and also functionalities for research data collection and analysis.

Submitted by:

Dr. R. A. Thakkar, Director - RDC, GTU

Ms. Mona Chaurasiya, Asst. Director - RDC & Research Coordinator, GTU

Dr. Seema B. Joshi, Asst. Professor-GSET & RDC-GTU

INDUSTRY OUTREACH, GTU-SKILLS AND TRAINING & PLACEMENT

GTU – SYAMA PRASAD MOOKERJEE KENDRA FOR INDUSTRY AND LIFELONG LEARNING SKILLS (GTU – SKILLS)

GTU – Syama Prasad Mookerjee Kendra for Industry and Lifelong Learning Skills (**GTU – SKILLS**) is a transformative centre for Skill Development and Continuing Education that empowers learners with cutting edge skills and knowledge. In order to meet the evolving needs of individuals and industries, this centre significantly contributes to the vision of Viksit Bharat@2047. GTU – SKILLS aims to provide high-quality, industry-elevant, accessible continuing education programs that foster innovation, skill development and employability. This centre is empowers learners with cutting-edge skills and knowledge, positioning them in the dynamic 21st century economy through the following initiatives:

1. Collaboration with Industries

GTU is committed to establishing relationships with industries through Industrial Collaboration at all levels through

a) Faculty Development Programme in collaboration with Micron Technology:

GTU organized a Faculty Development Program on the "Fundamentals of Semiconductor Package Manufacturing and Testing" from May 15 to June 15, 2024 in collaboration with Micron Technology. 125 faculty members, representing 32 affiliated colleges of GTU, attended this program. On August 7, 2024, a follow-up workshop was organized and was attended by 119 faculty members.



b) GTU offers an elective subject in 6th semester on "Fundamentals of Semiconductor Package Manufacturing and Testing" in collaboration with Micron Technology from academic year 2024-25.

c) **Joint Learn & Earn Program of Diploma in Mechanical (Manufacturing Technology) in collaboration with Toyota Tsusho**

d) **Training & Skill Development in collaboration with AIA Engineering:**

To cater to the needs of the large-scale foundry industry, AIA Engineering, Ahmedabad, and GTU have established industry-funded training and skill development centre at GPERI and Mehsana in the year 2024.

2. Skill Development Initiatives:

GTU-Syama Prasad Mookerjee Kendra for Industry & Lifelong Learning Skills (GTU-SKILLS) aims to empower individuals with high-end technical and practical knowledge, fostering a culture of lifelong learning and skill development.

a) **Skill-Based Training (SBT) as an additional option:**

Given the significance of skill enhancement for engineering students and their preparation for industry readiness through skill-oriented training, GTU has introduced Skill-Based Training (SBT) as an additional option for 7th Semester BE students, which includes a summer internship. More than 1500 students have participated in Skill-Based Training (SBT)-2024.

b) **DeepTech Certification:**

GTU has incorporated 45 courses (with relevant credits) from industry partners, all aligned with the standards established by the Department of Science and Technology (DST), Government of Gujarat (GoG). Major industry partners are TCSion, Infosys Spring Board, L&T EduTech, iACE by Maruti Suzuki.

3. Coordinating Internship Programs:

GTU facilitates numerous internship opportunities that equip students with practical experience in their chosen fields. Through hands-on experiences, students gain valuable insights into industry practices and expectations.

Internship Drives:

Name of Company	Name of Internship	No. of Students registered	No. of students selected for Internship
IT Internship at GTU	GTU Sem-8 Internship Program	100	6
- CSRBOX - iACE by Maruti Suzuki - Spoken Tutorial by IIT Gandhinagar - Indo German Tool Room, Ahmedabad - L&T Edutech	Skill Based Training (SBT)	1600	1537

Overall Internship Count:

Skill Based Training (SBT) B.E. Semester-7	1537
B.E. Semester-8	19785
MBA	3484

4. Employability:

Campus recruitment initiatives involve inviting companies for recruitment drives and coordinating the entire process, including pre-placement talks, tests, interviews, and follow-up procedures. This streamlines the recruitment experience for both students and employers.

Placement Drives:

Sr. No.	Name of Company	No. of Participant	Count of Selected Student
1	Micron Technology	49	9
2	TCS NQT	202	158

*Total 49 GTU students are successfully placed at Micron. (Including 9 above)

Recruitment Drives:

Recruitment from January 2024 to October 2024	Count
No. of Companies	125
No. of Recruitments	979

5. Endeavours in Semiconductor Technology:

GTU has been actively involved in promoting initiatives in semiconductor technology through Research Collaborations, Capacity Building, Skill Development Programs, Employability, and Seminars.

a) Round Table Meet:

GTU's R&D Cell jointly with GTU - SKILLS had organized a roundtable at SemiConnect 2024, bringing together top semiconductor industry experts from organizations such as Micron, L&T Semicon, Kaynes, Suchi Semicon and Synopsys and signed MoUs with Kaynes Technology and Suchi Semicon Pvt. Ltd.

b) Sectorial Round Table:

GTU - R&D Cell jointly with GTU - SKILLS organized a roundtable on “Need Assessment for high quality chemicals and gases used in Semiconductor Manufacturing” on 21st September, 2024. This roundtable was aimed at addressing the growing demands and challenges faced by the semiconductor industry in securing high-quality chemicals and gases for production processes. It was attended by representatives from industries, research organizations and academic institutions.

c) Collaborations with Semiconductor Technology Companies:

GTU is collaborating with Micron, Suchi Semicon, and Kaynes Technology, the leading semiconductor companies for skill development, research & employment opportunities through faculty training, industry designed elective & Micro-credentials.

6. Leading in Artificial Intelligence:

GTU has been making strides in the field of AI through various initiatives, including hands-on experience and innovation in AI, encouraging students to work on real-world projects.

a) Collaboration with Intel:

Through the "Intel® AI for Manufacturing Program", GTU and Intel have partnered to improve digital preparedness and cultivate artificial intelligence skills among Bachelor of Engineering students.

b) Collaboration with L&T EduTech:

L&T is offering over 1,000 online courses through its EduTech initiative, including AI and Machine Learning, along with various other subjects. This initiative helps students to improve their skills and increase employability.

c) Digital 101 Program by NASSCOM:

GTU, in collaboration with FutureSkills by NASSCOM, provides industry-approved content to help students in understanding emerging technologies.

7. Keeping Abreast of Industry Trends:

a) GCCI Education Committee:

The Honourable Vice Chancellor of GTU has been appointed as the Chairperson of the Education Committee established by the GCCI. Additionally, the Head of GTU SKILLS and the advisor of GTU Innovation have also been nominated as members of the committee for the year 2024-25.

b) Major industry collaborations:

Sr. No.	Name of industry partner	Date of signing MoU	Objective
1	Career Bridge Skill Solutions, Ahmedabad, India	06/01/2024	To offer Internships and Career Counseling to students.
2	Tata Consultancy Services Ltd.	30/01/2024	To offer Certificate, Major-Minor Honor courses to students as per latest industrial trends.
3	AIA CSR Foundation	01/06/2024	To establish a Skill Development Training Institute at GPERI.
4	Suchi Semicon Pvt Ltd.	19/07/2024	To develop the cooperation with respect to the exploration, design, development & implementation of various academic, training and research programs in the area of Semiconductor Technology.
5	Kaynes Technology and Perceptives Solutions	19/07/2024	To develop the cooperation with respect to the exploration, design, development & implementation of various academic, training and research programs in the area of Semiconductor Technology.
6	Builders Association of India (BAI)	17/08/2024	To provide industrial practical education to students to enhance their employability and industry readiness.
7	Hydrocarbon Sector Skill Council (HSSC)	21/08/2024	To execute Skill Development initiatives in the hydrocarbon & allied sectors and up skilling & re-skilling of workforce for leadership development for technical and managerial expertise.
8	U S Institute of 3 D Printing	03/10/2024	To execute Industry 4.0 with the necessary skills and knowledge to leverage advanced technologies, such as IoT, AI, and 3D Printing Tech ,automation with hands on experience and specialized training using Industry leading software.

GTU SKILLS strategic initiatives focus on building robust collaborations with diverse industries to enhance student employability and promote skill development aligned with the needs of industry. These efforts aim to integrate academic learning with practical industry experience, effectively preparing students for the job market.

Submitted By:

Dr. Keyur Darji, Deputy Registrar, GTU

SKILL DEVELOPMENT CENTRES

GTU Skill Development Centre is responsible for coordination of all skill development efforts with the objective of enhancing the students' employment/ self-employment opportunities. The vision of Skill Development Centre is to advance innovation, research, skills, personal and professional excellence among students. GTU has six Centre of Excellences that aligns with these objectives.

1. GTU – BOSCH Centre of Excellence in Automation

GTU has established a Centre of Excellence (CoE) in I-4.0 in association with Bosch-Rexroth India Limited (BRIN) with the objective of developing industry-institute partnership in the field of Mobile Electronics Technologies, Automation, Mobile Hydraulic and Automobile to bridge gaps between industry and academia. This is the GTU's first Centre of Excellence established at GTU-School of Engineering and Technology in the year 2017. This centre provides students with knowledge and skills in Automation Technologies, focusing on training, knowledge transfer, research projects, applied research, and innovation. Its primary goal is to enhance the technical competence, employability, and entrepreneurial skills of undergraduate and postgraduate students who undergo training at the centre. The technical labs under this BOSCH Centre of Excellence in Automation are - Hydraulic Lab, Pneumatic Lab, Programmable Logic Controller and Sensor Lab.

2. GTU – Keepsake Welding Research and Skill Development Centre

GTU– Centre of Excellence in Welding has been set up jointly by Keepsake Engineering Consultancy Private Limited and Centre for Entrepreneurship Development (CED) at L.D. College of Engineering, Ahmedabad under the Skill Development Programme of Government of Gujarat with an aim to upgrade skills of students and industry persons to make them employable.

GTU – Keepsake Welding Research and Skill Development Centre Training Programme During the Year: 2024		
Sr. No	Program Name	Number of beneficiaries
1	Beginners/Fresher Welding Training Course	318

3. GTU-Industry Centre of Excellence:

GTU has signed a MoU with the EduSkills Foundation and the Indian Society for Technical Education (ISTE) and has established GTU-Industry Centre of Excellence at GTU - School of Engineering and Technology (GTU-SET). This CoE runs the globally accredited online courses (AWS, Microchip, Palo Alto, Blue Prism, Red Hat, Celonis, and Juniper) for students and faculty members of GTU-SET. 60 students have completed certificate programs conducted under this CoE.

4. GTU-Code Unnati Centre of Excellence on Emerging Technologies:

GTU has signed a MoU with the Edunet Foundation (supported by SAP India) and has established GTU-Code Unnati Centre of Excellence. As part of the MoU, the Edunet Foundation has sponsored equipment worth Rs. 20 lakh (approx.) at this centre. Engineering students enrolled in UG/PG programmes in Computer Science, IT, Electronics and related branches are trained in various industry-relevant technologies such as Artificial Intelligence, Machine Learning, Internet of Things, and ERP at this centre.

Students Training Programme During the Year: 2024				
Sr. No	Program Name	Start Date	End date	Number of beneficiaries
1	12-Week Internship Program On “AI, IoT and ERP 2023-2024	11/02/2024	10/05/2024	85
2	Innovation Marathon 2023-2024	01/12/2023	28/03/2024	2154
Total beneficiaries:				2239

5. GTU- Centre of Excellence in Blockchain Technology

A Centre of Excellence in Blockchain Technology was inaugurated on 16th May 2023 at GTU with the financial support from the Education Department, Government of Gujarat. Six lectures and one workshop were conducted by this CoE to create awareness among the various stakeholders in the Blockchain domain. This CoE has organized following lecture series during the year 2023-24.

Lecture series in the Domain of Blockchain Technology (A.Y. 2023-2024)			
Sr. No.	Lecture Topic	Expert Name	No. of Beneficiary
1	Recent Trends in Blockchain Technology: Implementation Perspective	Dr. Sudeep Tanwar	71
2	Atomic cross-chain exchanges of shared assets	Sh. Krishnasuri Narayanam	35
3	Blockchain Technology from Its Genesis	Dr. Kaushal Shah	21
4	Mastering Ethereum and Solidity	Prof. Madhav M. Ajwalia	36
5	Foundations of Blockchain	Dr. Chirag N. Modi	18
6	Blockchain for Fintech	Dr. Debasis Das	21
Total Beneficiary:			202

Workshop			
Sr. No.	Topic	Expert Name	No. of Beneficiary
1	Blockchain Technology: Hands on Practice	Mr. Prince Kurian, Industry Expert, Edunet Foundation	30

6. GTU- Siemens Centre of Excellence

GTU- Siemens Centre of Excellence in Industrial Instrumentation at GPERI-Mehsana was jointly established by GoG-Industries Commissionerate, Siemens Industries Software (India) Pvt. Ltd. and Design Tech. Systems Ltd. in 2016.

The GTU-SIEMENS Centre of Excellence (CoE) comprises nine state-of-the-art laboratories, including Product Design, Advanced Manufacturing, CNC, CIM, Rapid Prototyping, Mechatronics, Electrical Drives, Process Instrumentation, and Automation. These labs are fully equipped with cutting-edge machinery, tools, and licensed software such as NX Academic, CAD, CAM, Technomatix, and Rob Cad. The centre also offers specialized training modules on Product Design, Validation, and Electrical Machines.

This CoE has organized following events during the year 2023-2024:

Sr. No.	Name of Event	No. of Participants
1	Two Days Workshop on “Design with SolidWorks”	09
2	Report of Skill Development Program on “Advanced Manufacturing”	47
3	Two-week Internship Program on “Industrial Automation”	24
4	2 days’ workshop on Design with AutoCAD	12
5	Two-week Internship Program on “Introduction to Modern Manufacturing Techniques”	34

Submitted by –

Mr. Margam Suthar

Assistant Professor, GTU

SECTION - IV

UNIVERSITY ADMINISTRATIVE SECTIONS

AFFILIATION – ENDORSEMENT SECTION

The Affiliation section of the University maintains quality, harmony & consistency in technical education and also for professional courses. This section delivers best services related to Affiliation & Endorsement of faculty members in line with University norms as well as norms approved by the concerned apex bodies. **396 institutions are affiliated with GTU for the current academic year, while 56 institutes are under the process of gradual de-affiliation.**

Programme wise Affiliated Institutes (Academic year 2024-25)

Sr. No.	Level	Name of Programme	Affiliating Institutions/ Colleges
1	UG	Bachelor of Engineering	80
		Bachelor of Pharmacy	53
		Bachelor of Architecture	1
		Hotel Management	4
		Bachelor of Business Administration	17
		Bachelor of Computer Application	28
		Bachelor in Design	1
		Bachelor of Interior Design	2
2	PG	Master of Engineering*	36
		Master of Pharmacy*	35
		Master of Business Administration	51
		Master of Computer Application	27
		Doctor of Pharmacy (Pharm. D)*	11
		M.Sc. Industrial Biotechnology	1
		PG Diploma in Bioinformatics	
		PG Diploma in Biomedical Technology	
		Master of Business Administration - Integrated Programme - 5 years*	12
3	Integrated	Master of Computer Application- Integrated Programme - 5 years*	3
		Integrated M.Sc. Biotechnology	1
		Integrated M.Sc. IT*	6
4	Vocational	Vocational *	20
5	Diploma	Diploma Engineering	114
		Diploma Pharmacy	16
* Not Separate Institutions			

Almost all the technical institutions in Gujarat that offer technical programmes like Degree Engineering, Diploma Engineering, Pharmacy, Architecture, Town Planning, Management and Computer Application are affiliated to Gujarat Technological University.

• **Affiliation:**

Any affiliated institute or upcoming new institute which wants to affiliate with GTU has to apply first at the apex body like AICTE/PCI/COA/Govt. of Gujarat/University/Others for a particular academic year. Norms and eligibility criteria for each institute remain same as decided by concerned statutory authority like AICTE /PCI /COA /Govt. of Gujarat / University /Others for a particular academic year. Application for affiliation or extension or change in name /intake /site or starting new course/program or closing a course /program in an existing affiliated institute has to be sent to the Registrar in the form prescribed by the university.

- In the Academic Year 2023-24, **65** new institutes were affiliated with GTU.
- An affiliation fee of approximately of **Rs. 14,00,00,000/- (Fourteen crores only)** was collected as revenue for the current Academic Year.

• **Endorsement:**

University gives endorsement to the Principal(s) and Faculty members of SFI & Granted institution as per the concerned apex body norms and regulations.

• **Ranking:**

GTU Affiliated Institutes with NIRF Ranking

Sr. No.	Institute Name	Institute Type	All India NIRF Ranking 2024
1	L.M. College of Pharmacy	Grant-in-Aid	52
2	GTU - School of Pharmacy	Government	70

• **Accreditation:**

GTU Affiliated Institutes with NBA Accreditation

Total Number of Institutes	Total Number of Depts.	Govt. Institutes	SFI	Diploma	UG	PG	Engineering Dept.	Pharmacy	MBA
36	86	22	14	16	18	2	82	3	2

GTU Affiliated Institutes List with NAAC Accreditation

Sr. No.	Institute Name	Institute Type	Grade	Validity
1	Anand Pharmacy College	Self-Finance Institutes	A+	02-05-2027
2	Birla Vishwakarma Mahavidyalaya, Vallabh Vidyanagar	Grant-in-Aid	A	19-12-2027
3	L. M. College of Pharmacy	Grant-in-Aid	A	01-03-2027
4	Shree Dhanvantary Pharmacy College	Self-Finance Institutes	B++	30-03-2026
5	Smt. Champaben Vasantbhai Gajera Pharmacy Mahila College	Self-Finance Institutes	B	18-07-2028

• **Autonomous:**

GTU Affiliated Institutes with Autonomous status from UGC

Sr. No.	Institute Name	Institute Type	Programme	Autonomy valid up to
1	Birla Vishvakarma Mahavidyalaya, Vallabh Vidyanagar	Grant-in-Aid	Engineering	2021-22 to 2030 -31 (Extension)
2	L. M. College of Pharmacy	Grant-in-Aid	Pharmacy	2024-25 to 2033-34
3	R.N.G. Patel Institute of Technology	Self-Finance Institutes	Engineering	2024-25 to 2028-29
4	Shree Dhanvantary Pharmacy College	Self-Finance Institutes	Pharmacy	2023-24 to 2027-28
5	Anand Pharmacy College, Anand	Self-Finance Institutes	Pharmacy	2024-25 to 2033-34

• **Placements:**

For the Academic Year 2024-25, more than 4200 students from various affiliated institutes have been placed in various organizations.

Submitted by:

Mr. Yuvrajsinh Raol, Deputy Registrar & Head - Affiliation Section

ACADEMIC SECTION

Gujarat Technological University (GTU) offers a wide range of programs in Engineering, Pharmacy, Management, Computer Applications, Applied Sciences, and Architecture, adhering to the guidelines of regulatory bodies such as UGC, AICTE, PCI, and COA. The Academic Council, Faculty, and the Board of Studies play a pivotal role in formulating and regulating the academic framework of these programs. To enhance the quality of higher education and integrate the principles of the National Education Policy (NEP) 2020, the Academic Section regularly convenes meetings of the Academic Council, discipline-specific Faculties, and the Board of Studies throughout the year.

MAJOR ACTIVITIES CONDUCTED BY ACADEMIC SECTION:

(A) Admission and Enrollment: Admissions of various courses run by GTU were directly done by Admission Committee for Professional Courses (ACPC), Gujarat for UG & PG Programs and by Admission Committee for Professional Diploma Courses (ACPDC), Gujarat for Diploma Programs. Apart from that, admissions for following 10 Programs were done by GTU in coordination with Gujarat Common Admission Services (GCAS) in A.Y. 2024-25:

1. Bachelor of Business Administration
2. Bachelor of Computer Applications
3. Bachelor of Design
4. Bachelor of Interior Design
5. Bachelor of Science
6. Bachelor of Vocation
7. Integrated Master of Business Administration
8. Integrated Master of Computer Applications
9. Integrated Master of Science
10. Master of Science (Industrial Biotechnology)

Admissions for following 4 programs were done by GTU through Samarth portal:

- Diploma in Vocation
- Pharm D.
- Pharm D. (Post Baccalaureate)
- B.Voc. Lateral Entry

Academic section successfully carried out the admission process and Fee Regulatory process of 14 programs for the A.Y. 2024-25. Enrollments of all students of this academic year were also completed as per defined timeline.

Programs offered by GTU Schools and Constituent College

GTU - School of Applied Sciences and Technology

- B.Sc. (Biotechnology)
- M. Sc. (Industrial Biotechnology)
- PG Diploma in Bioinformatics
- PG Diploma in Intellectual Property Rights
- Doctor of Philosophy

GTU - School of Engineering and Technology

- BE (Computer Engineering)
- BE (Electronics and Communication Engineering)
- ME Computer Engineering (Cybersecurity)
- ME (Internet of Things)
- ME (Artificial Intelligence and Data Science)
- ME Civil (Structural Engineering)
- PG Diploma in Data Science
- Doctor of Philosophy

GTU - School of Management Studies

- Bachelor of Business Administration
- MBA (International Business)
- MBA (Innovation, Entrepreneurship and Venture Development)
- PG Diploma in Digital Marketing
- PG Diploma in Hospital Management
- Doctor of Philosophy

GTU - School of Pharmacy

- Bachelor of Pharmacy
- M. Pharm (Pharmaceutical Regulatory Affairs)
- M. Pharm (Pharmaceutical Quality Assurance)
- M. Pharm (Pharmaceutics)
- M. Pharm (Phytopharmacy and Phytomedicine)
- Doctor of Philosophy

Gujarat Power Engineering and Research Institute (Mehsana)

- Diploma in Civil Engineering
- Diploma in Computer Engineering
- Diploma in Mechanical Engineering
- Diploma in Electrical Engineering
- BE (Civil Engineering)
- BE (Computer Engineering)
- BE (Mechanical Engineering)
- BE (Electrical Engineering)
- Integrated M.Sc. (Information Technology)
- PG Diploma in Cyber Security

School of Indian Knowledge System-DHAROHAR

- MA (Hindu Studies)

Programs offered by GTU at Diploma, Bachelor and Master Level in A.Y. 2024-25

Discipline	Level	Program	No. of Branches
Engineering	Diploma	DE	29
	Bachelor	BE	40
	PG Diploma	PGDDS	01
		PGDCS	01
	Master	ME	47
Pharmacy	Diploma	D. Pharm.	01
	Bachelor	B. Pharm.	01
	Master	M. Pharm	12
		Pharm.D	01
		Pharm.D (PB)	01
Management	Bachelor	BBA	01
		BHMCT	02
	Integrated	IMBA	01
	PG Diploma	PGDDM	01
		PGDHM	01
	Master	MBA	06
Computer Applications	Bachelor	BCA	01
	Integrated	IMCA	01
		IMSc. (IT)	01
	Master	MCA	01
Architecture & Design	Diploma	D. Arch.	01
	Bachelor	B. Arch.	01
		BID	01
		B. Des.	04
	Master	M. Arch.	01
Applied Science	Bachelor	B.Sc. (BT)	01
	PG Diploma	PGDBI	01
		PGDIPR	01
	Master	M.Sc. (IBT)	01
Vocational	Diploma	D.Voc.	13
	Bachelor	B.Voc.	12
IKS	Master	M.A. (Hindu Studies)	01
All Disciplines	Doctorate	Ph.D.	20
Total		33	

Summary of No. of Programs

Level of Program	Total No. of Programs
Diploma	04
Bachelor	10
PG Diploma	06
Integrated	03
Master	09
Ph.D.	01
Total	33

(B) Formation of AC / Faculty / BoS / Appointment of Deans & Associate Deans:

Formation of new Academic Council, Faculties and Board of Studies of various disciplines as per GTU norms.

- The appointment of Deans and Associate Deans in Engineering, Pharmacy, Management, Computer Application and Architecture disciplines.

(C) Teaching Scheme and Syllabus as per NEP-2020:

- Implementation of National Education Policy (NEP-2020) in various programs at Diploma, UG and PG level.
- The revision of curriculum at Diploma, Undergraduate and Post-Graduate level in the disciplines of Engineering, Management, Computer Applications and Applied Science based on the NEP-2020 from A.Y. 2024-25.
- Adoption of National Credit Framework in Degree and Diploma programs governed by statutory councils like AICTE, PCI, COA etc.
- Inclusion of **Fundamentals of AI, Intellectual Property Rights, Universal Human Values and Industrial Safety and Standards** courses in the revised curriculum of Degree Engineering applicable from A.Y. 2024-25.
- Inclusion of **Indian Knowledge System** course in the Induction program of Diploma and Degree Engineering programs.
- Introduced credit courses on **Indian Knowledge System** in MBA, BBA and BCA programs.
- The course on the **Semiconductor Technology** in collaboration with Micron Technology is offered in the 6th semester as an Open Elective course in various branches of Degree Engineering.
- Inclusion of **Skill-based Internship Program (SIP)** for 2 weeks in between semester-6 & 7 and 12 weeks Full-term Internship in semester-8 for Degree Engineering students.
- Adoption of Academic Bank of Credits for the deposits of Credits earned as per UGC, NAD and NEP-2020 guidelines.
- GTU offers courses on emerging areas of Artificial Intelligence, Machine Learning, Renewable Energy, Data Science and Robotics at Diploma, UG and PG level.

(D) Institute Transfer and University Transfer

Successfully carried out the Institute Transfer and University Transfer for Institutes running Degree and Diploma programs in various disciplines.

(E) Conducting Meetings of Various Committees

The Academic Section successfully conducted approximately 100 meetings, including those of the Board of Studies (BoS), Faculty, Academic Council, and various other committees formed for specific purposes. The Academic section efficiently managed multiple processes, such as obtaining financial approvals, preparing meeting agendas, sharing them with committee members after approval, arranging hospitality for meetings, collecting and processing TA/Honorarium forms, drafting Minutes of Meetings, and distributing approved copies to committee members, ensuring timely and seamless execution of these activities.

(F) Formation of New / Revised Policies in A.Y. 2024-25:

Following policies / guidelines were formed in A.Y. 2024-25 -

- Student Induction Program (SIP) Guidelines for Diploma and Degree Engineering Programs.
- Multiple Entry Multiple Exit (MEME) policy
- Policy for 'NCC as a General Elective Credit Course'
- Guidelines for implementation of Massive Open Online Courses (MOOCs) and Integration of Skill-Based Courses w.e.f. A.Y. 2024-25

- Comprehensive Policy for 'Institute offered Minor/Hons. Programs' and 'University offered Industry-led Minor/Hons. Programs' for Undergraduate Engineering Students of GTU
- Guidelines for offering B.E. /Diploma Engineering / ME/ MBA Programs for Working Professionals

(G) New Programs / Branches approved from Academic Year 2024-25 onwards

- Bachelor of Business Administration
- Bachelor of Computer Applications
- Minor/Hons. Degree (Forensic Structural Engineering)
- Minor/Hons. Degree (Computer Aided Civil Engineering Processes)
- B.Voc. (Food Processing and Quality Control)
- B.Voc. (Entrepreneurship Development)
- B.Voc. (Practical Accounting and Tax (DPATP) and Tally)
- B.Sc. (Biotechnology Honours with Research)
- BE (Robotics and Automation)
- Online MBA Program

(H) Formation of Committees:

Following Committees were formed to formulate various policies -

- Student Induction Program (SIP)
- Credit Structure Committee for UG and Diploma Engineering
- MOOCs Committee
- Tech Guru Award Scrutiny Committee
- Minor/ Hons. Programs Committee
- Multiple Entry Multiple Exit Committee
- NCC Committee
- Admission Committee for 14 Programs
- GTU - Fee Regulatory Committee (FRC)

(I) Other Initiatives:

- NEP-2020 implementation across all major 10 parameters provided by UGC-UTSAH
- Academic Coordinators for all affiliated colleges
- Uniform Syllabus Format for all Programs across all branches
- Uniform Credit Structure for all branches under one discipline
- Chance to clear backlogs for students who have completed their study.
- Revision of Curriculum as per NEP-2020 in all major disciplines
- Industry-Led Credit Courses / Trainings / Internships
- Revision in Curriculum of 'Hotel Management and Catering Technology' Program.
- Integration of semiconductor courses into the curriculum of GTU based on industry requirements.

(J) External and Joint Programs:

GTU offers following programs for students apart from regular programs -

- **Minor / Hons. Program:** Offered Minor/Hons. Programs in the 24 branches (19 AICTE approved and 5 University approved nomenclatures) in the emerging areas of Machine Learning, Data Science, Electric Vehicles, 3D printing, Cyber Security, Robotics, Green Technology and Sustainability Engineering and Smart Cities.
- **Fully funded IIT-Gandhinagar External Students Program:** This gives an opportunity to BE students of Government Engineering institutes to study a full semester at IIT, Gandhinagar. This program has been successfully carried out for the 6th & 7th batch for Civil Engineering, Electrical Engineering, Computer Engineering, Chemical Engineering and Mechanical Engineering branches.
- **ME in Armament Engineering run by EME School, Vadodara:** EME School, Vadodara is an army college managed by the Ministry of Defence, Govt. of India. EME School runs Master of Engineering program which is named as 'ME in Armament Engineering'. Only army in service can pursue this course. This year also university has received list of students for this program from EME School.
- **Course in Association with Micron Technology:** GTU is offering the course of “Fundamentals of Semiconductor Package Manufacturing and Test” as an elective in Semester 6th of Bachelor of Engineering program of GTU from AY 2024-25.
- **Programs for Working Professionals:** As the demands of the job market evolves, so do the educational needs of Students. Hence, AICTE decided to give approvals for Diploma Engineering /BE /ME /MBA, etc. programs for working professionals from Academic Year 2024-25. Now every working professional will have an opportunity to pursue education without quitting job or taking long leave. GTU has issued guidelines for working professionals to upgrade their academic qualification /skill sets at Diploma/Degree/Postgraduate level as per National Education Policy (NEP) 2020.
- **National Cadets Corps (NCC) as a General Elective Credit Course:** 'NCC as a General Elective Credit Course' is designed with an intent to transform NCC training into a curricular activity from an extra-curricular activity. GTU offers 'NCC as a General Elective Credit Course' along with the curriculum having **additional 24 Credits**.
- **Joint Program of Diploma in Mechanical (Manufacturing Technology) in collaboration with Toyota Tsusho:** Toyota Tsusho India Private Limited offers- Learn & Earn Diploma program for local candidates near the Toyota manufacturing facility in Vithalapur (Ta. Mandal). This joint programme is considered equivalent to a full 3-year Diploma in Mechanical (Manufacturing Technology).

(K) Misc. Tasks

- Syllabus Endorsement, Preparing Academic Calendar for Even and Odd term, and handling various activities related to Convocation ceremony are other significant tasks of the section.

(L) New Portals:

Academic section team worked closely with IT team to develop following new portals -

- New Syllabus portal with Auto-generated revised series of subject codes.
- New GTU Enrollment portal to automatically fetch the data in prescribed format and phase-wise generation of students' enrollment.
- Updation in portal for inviting applications for Associate Deans
- GTU Institute Transfer /University Transfer portal with certain modifications
- GTU Admin Portal (Minor/Hons. Program Registration, NCC Registration)

(M) 6th Tech Guru Award Ceremony

GTU consecutively organized 6th Tech - Guru Award Ceremony on the auspicious occasion of Teachers Day on 5th September 2024 which was inaugurated by Chief Guest Prof. (Dr.) Dharmendra Singh, Director, IIIT Vadodara, along with Hon'ble Vice Chancellor Prof. Dr. Rajul Gajjar, GTU. The winners for 6th Tech Guru Award 2024 are Dr. N. M. Bhatt from L.E. College of Engineering, Morbi (Engineering), Dr. Mukesh N. Kher from L.M. College of Pharmacy, Ahmedabad (Pharmacy) and Dr. Krishnaba Vaghela from GTU-School of Management Studies, Ahmedabad (Management). On this occasion, University also felicitated the Principals, Professors and Head of Department of Degree & Diploma colleges of Government / GIA who retired in regular mode in last academic year.



Submitted by –

Dr. Sarika Srivastava, Head- Academic Section, GTU

Mr. Tushar Trambadiya, Assistant Registrar, GTU

STUDENT SUPPORT SECTION

Student Support Section (SSS) works as a centralized system to support the students at the university. The section provides guidance, services and assistance to all enrolled students. SSS works online through web based user-friendly practices, thereby reducing the paper usage.

Services of SSS through Online Student Portal (<https://student.gtu.ac.in/Login.aspx>):

- All services of SSS are online through the student portal, and a hard copy of the requested certificates is posted to the students' address.
- SSS provides services of Transcript (either in online or physical or both forms); share soft copy of student's transcript to WES, provides Migration Certificate, Language (Medium of Instruction) Certificate, Attempt and Rank Certificate as well as Percentage Certificate, Attestation of GTU grade-sheets, Provisional Certificates, Degree/Diploma Final Certificates, Duplicate Degree/Diploma Certificates, Duplicate/Name Correction Grade-sheets and other miscellaneous certificates as per the requests of students for all Diploma, UG and PG Programs offered by the University.
- The students can apply from any zone and can submit respective fee online through www.student.gtu.ac.in
- Once the online payment is successful, the student will get the certificates/documents by post. Students do not need to visit in person to collect their documents.

Services of SSS through Application Form:

- Authentication of original Degree/Diploma certificates.
- SSS issues various certificates as per student requests, including percentage certificates for non-pass-out students (e.g., Navy/Army), Bonafide certificates, semester-wise SPI to percentage conversion certificates, and certificates detailing semester-wise and total marks. Additionally, the SSS provides any other miscellaneous certificates upon request.
- SSS verifies students' academic documents through both email and hard copy submissions received from the respective company, institute, or third-party organization.
- SSS handles all activities related to distribution of degree & diploma certificate before and after completion of the convocation ceremony.

Innovative Practices of SSS:

- The section has prepared and uploaded the tutorial videos of various procedures on GTU's website, official YouTube channel, playlists of GTU's-convocation and GTU's student portal.
- Shares electronic transcript with WES without charges.
- Sends authentic students' documents from the university in India and abroad through email to concerned universities or institutes, as requested by the students.
- SSS has also prepared and uploaded the User Manual and SOPs for Student Support Section Services on the GTU's website, for the benefit of the students.

Statistical Data of SSS Work per Month:

- SSS has processed & dispatched **5134** certificates related to student transcripts (hard copy), Transcript (hard + soft copy), Percentage Certificate, Migration Certificate, Language (Medium of Instruction) Certificate, Attempt & Rank Certificate through student portal.
- **469** applications were processed "To send the students documents to other Universities".
- **590** online electronic transcripts were successfully shared to WES for further processing as per students' requests.
- **2532** Transcripts (soft copy) were shared to students' email id from GTU.

- **59328** Degree & Diploma certificates were dispatched through post/hand to hand by student support section in this year.
- **482** applications processed for Credential Evaluation Form (WES, GES, NCESS, IQAS, ICESS), attestation of Grade-sheets, degree and provisional certificates.
- **21** applications of Duplicate Degree/Diploma certificates, **512** applications of Duplicate Grade-sheet and **406** Name correction certificates, miscellaneous Grade-sheet applications were processed.

Submitted by:

Ms. Shobhanarani T. Sengunthar, Statistical Officer, GTU

STORE & PURCHASE SECTION

The Store & Purchase department do the procedure to be adopted for the purchase of various Goods and Services for various departments/PG Schools/Centres/Central Facilities /Sports & Cultural/Central Library (Books / Journals etc.), Health Centre (Instruments, Medicines etc.) both from Universities' main account as well as from the projects' funds but excludes the purchases to be made by the Estate Department. The purchases are made following a uniform, systematic, efficient and cost-effective procedure, in accordance with the relevant rules and regulations of the Government.

Activities of Store & Purchase Section: -

Store & Purchase Department procures items and services as per requirement of various Schools, Departments and Sections, from time to time which includes following processes:

- Purchase through GeM
- Purchase other than GeM (By Market Inquiry, Tender & E-Tender)
- Organize Purchase Committee Meeting and prepare Minutes of Meeting & implementation accordingly.
- Record & Inventory Management.
- Management of Exam Stationary required during GTU Winter & Summer Examinations.
- Maintain Record of Purchase items & Services by the Store & Purchase Department.
- Arranging Transportation facility.
- Pulping of used Answer books and other stationary.
- Arranging Mobile CUG & Internet Dongle Facility.
- Successfully implementation of File Management Tracking System & Inventory Management System

Submitted by:

Ms. Pinki Panchal, Store Officer, GTU

Mr. Anil Solanki, Admin Account Officer, GTU

ESTABLISHMENT SECTION

The Establishment Section plays an important role within the university, overseeing the management and services for all categories of employees—whether regular, contractual, or outsourced—who contribute towards achieving the university's vision, mission, and objectives. The university has a young, dynamic, and highly dedicated workforce.

GTU - Manpower	Regular	Contractual	Out Sourced
Teaching	28	27	0
Administrative	30	184	85
Total	58	211	85

GPERI - Manpower	Regular	Contractual	Out Sourced
Teaching	01	54	0
Administrative	01	04	27
Total	02	58	27

'Happiness @ GTU' (Happy Employee, Valuable Asset), a new initiative from the university, aims to promote employee well-being through various activities. Understanding the importance of a positive work environment for employee performance, this initiative aims to improve overall organizational performance by creating a healthier, more supportive workplace.

The university is reimbursing the premiums of different government social security scheme of its employees, i.e., the Atal Pension Yojana, Pradhan Mantri Surksha Bima Yojana, and Pradhan Mantri Jeevan Jyoti Bima Yojna. The university has framed policy for the contractual employees to govern their employment.

The university is providing a crèche facility to the children of employees. The University Crèche Centre employs two dedicated female caretakers. The university provides a dispensary facility with one male and one female doctor for the employees and their families.

The "SAMVAD Centre" at the university caters to the social, psychological, and emotional needs of its staff members. The centre assists individuals of all ages and groups with their diverse mental health needs, helping them to clarify issues, explore options, develop strategies, and increase self-awareness.

Submitted by:

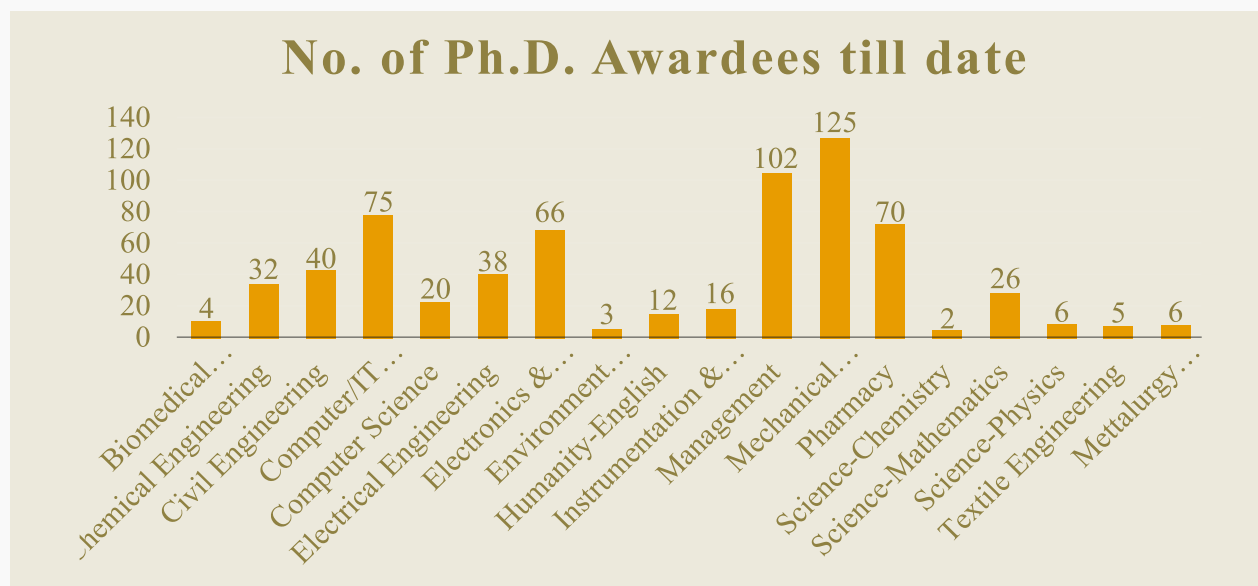
Shri R. L. Patel, OSD – Establishment, GTU

Shri Sumit N. Patel, Assistant Registrar - Establishment, GTU

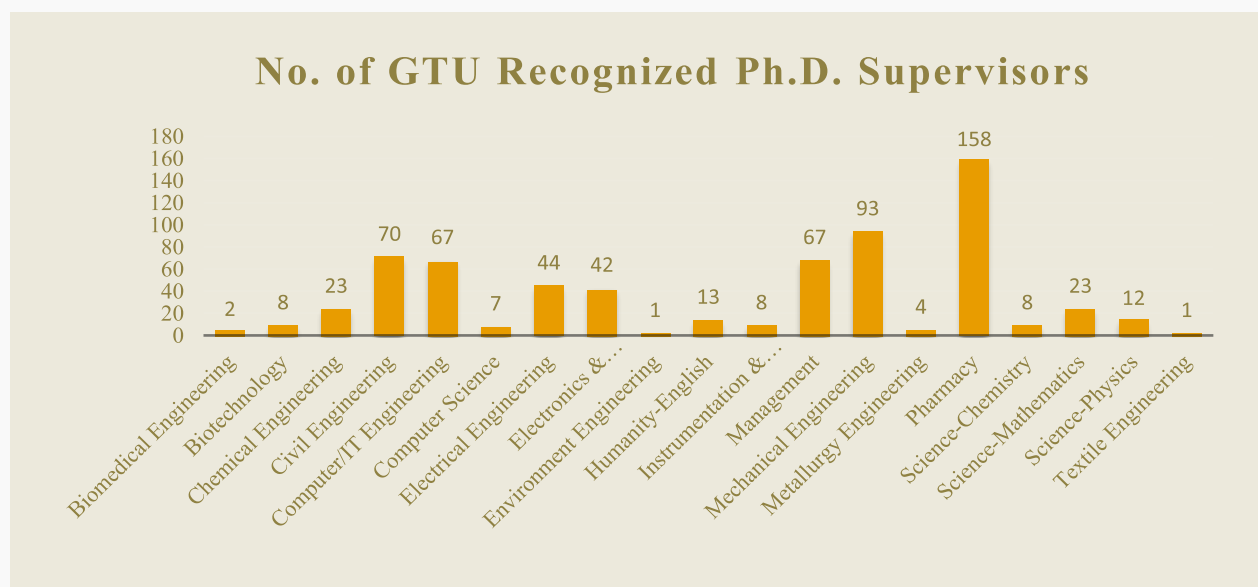
Ph.D. SECTION

The University offers doctoral programme in twenty-one different disciplines. This section particularly has been established at the University to look after all the matters related with recognition and appointment of Supervisors, DPC members, Co-Supervisors, along with processes and procedures connected with admission till the award of degree for all enrolled Ph.D. research scholars. This section performs various tasks from registration to evaluation of the Thesis of enrolled research scholars. The section also take care of processing all thesis, conduct Viva-Voce, issues notification and provisional degree certificates for the award of degree.

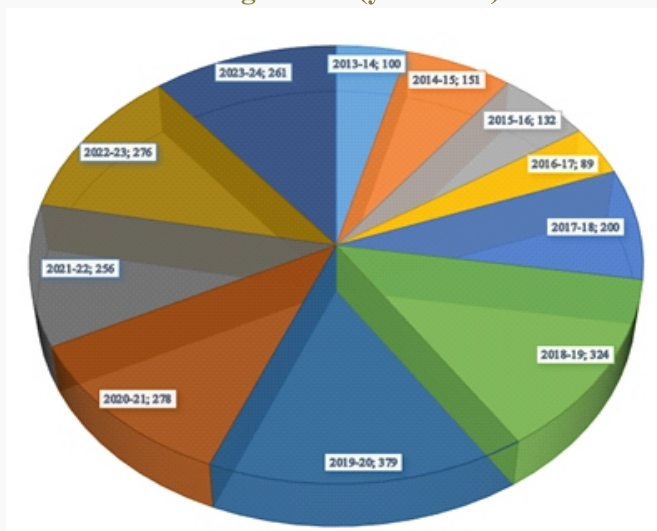
1) No. of Ph.D. Degree awarded till date in various disciplines



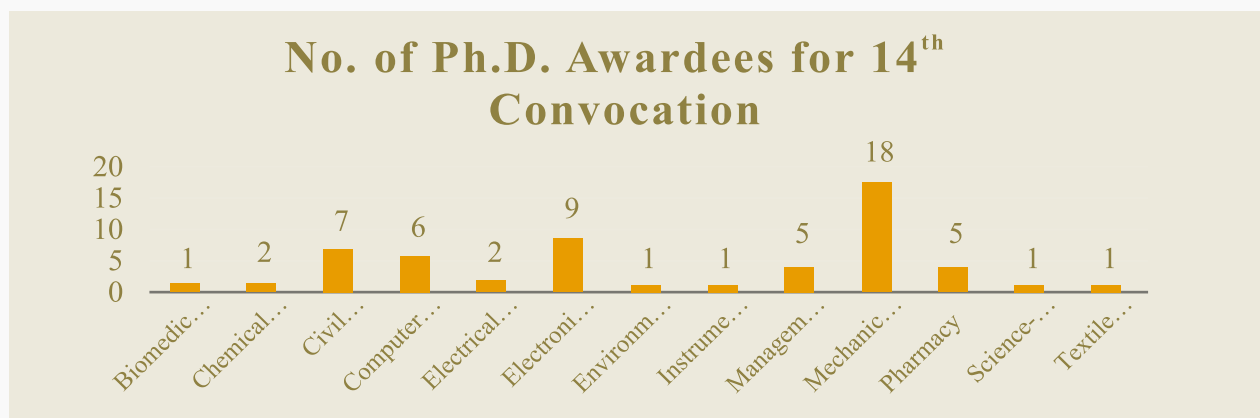
2) No. of recognized Ph.D. Supervisors in various disciplines



3) Enrolment of Research Scholars in Ph.D. Programme (year-wise)



4) No. of Ph.D. Scholars to be conferred Degree during the 14th Annual Convocation in January-2025 (As on October 2024)



5) Best Ph.D. Thesis Award:

The University has initiated the Best Ph.D. Thesis Award in the year 2022, in order to acknowledge the research work done by the research scholars and their supervisors in seven different disciplines. For the year 2024, the following are the recipients of the Best Ph.D. Thesis Award - 2024 that were issued on 17th Foundation Day of the University.

Sr. No.	Enrolment No.	Name of Scholar	Discipline	Name of Supervisor
1	179999913025	Ramani Sagar V.	Computer/IT Engineering	Dr. Rutvij H. Jhaveri
2	179999901006	Hardikkumar Govinbhai Dodiya	Pharmacy	Dr. Sunita Goswami
3	189999911007	Prajapati Sonalben Bachubhai	Chemical Engineering	Dr. Shina Gautam

Submitted by:
Ms. Neha Gamiti, Head - Ph.D. Section, GTU

INFORMATION TECHNOLOGY (IT) SECTION

The GTU-IT section develops and/or provides IT services according to the requirements of the University. Given below is the highlight of the major contribution between December-2023 to October-2024.

Opportunity for Internship

GTU has provided internship to the eight final year BE (Computer/IT Engineering) students for 12 weeks as part of Internship/Project in semester-8. These interns have been assigned the IT project related to either development/maintenance/debugging tasks with a stipend of Rs.12000 pm.

Implement of Samarth eGov Suite

GTU has implemented Samarth eGov Suite since May-2023. Figure 1 shows the ERP modules that are in use (at present) at GTU and also the modules that are planned to be used in near future.

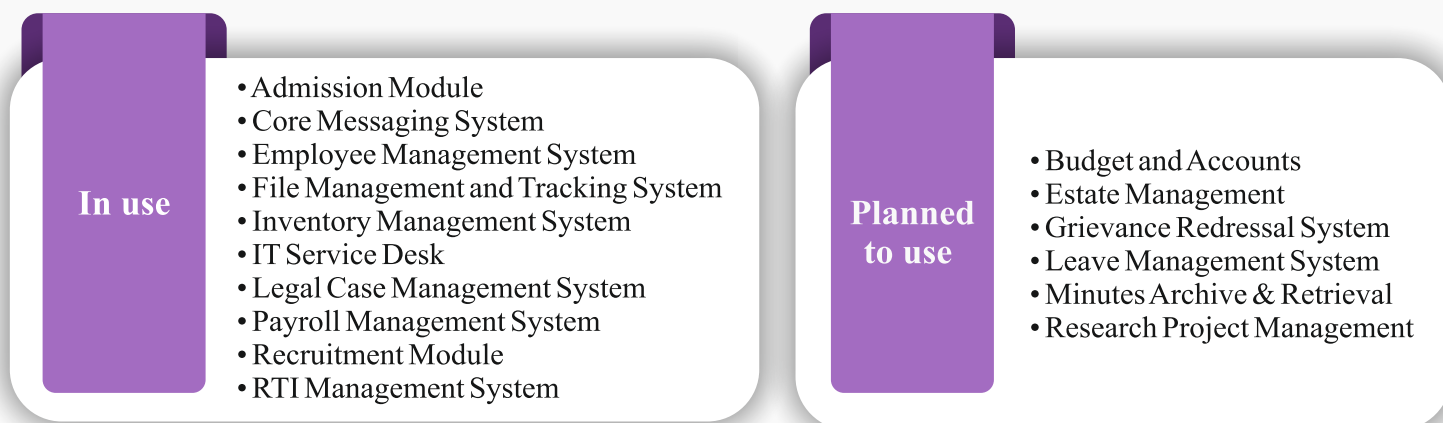


Figure 1: Progress in implementation of Samarth e-Gov Suite at GTU

GTU SARTHI – A Virtual Assistant for GTU Stakeholders



GTU SARTHI - A virtual assistant service based on Generative artificial intelligence has been launched by the university on 8th August, 2024 for students and colleges affiliated to GTU. GTU SARTHI aims to provide answer to the queries related to Duplicate Mark sheet, Degree Verification, Affiliation, College or University Transfer etc. as well as information for admission in various courses in just one click.

GTU SARTHI can be used on desktop and mobile. It can provide specific information about the question asked by the user. In addition, GTU SARTHI supports multiple languages including English, Hindi, Gujarati and is self-learning (based on questions and answers). GTU SARTHI can be accessed from GTU website <https://www.gtu.ac.in/>.

Digitization of Students' Academic Records

GTU has been making continuous efforts for uploading students' academic records on National Academic Depository (NAD) portal as well as creating APAAR (*Automated Permanent Academic Account Registry*) account of students. Apart from this, the credit data of examination results of students is mapped with APAAR account and uploaded on the ABC (or Academic Bank of Credit) portal that is run by Ministry of Education, Government of India.

Submitted by:

Mr. Mahesh Panchal, Head, IT Section, GTU

CONFERENCE SECTION

Throughout the year, the various sections and PG schools of the University actively organize a range of academic and professional events, including seminars, Faculty Development Programs (FDPs), workshops, meetings, and conferences. The Conference Section plays a pivotal role in managing these events, overseeing activities such as:

- **Coordination** with GTU departments for smooth event execution.
- **Arranging Mementos** for the dignified felicitation of esteemed guests.
- **Venue Management** to ensure a seamless and professional setting.
- Ensuring the availability of a **functioning sound system and projectors** in event halls.
- **Finalizing vendors** for printing certificates and banners, as well as arranging accommodation.
- Managing **videography and photography**, ensuring quality event documentation, and sharing images with relevant sections.
- Collaborating with affiliated institutes for **uploading brochures and reports** on the GTU website.
- Supporting other major University events such as **Foundation Day** and the **Convocation ceremony**



PUBLICATION

GTU Quarterly Newsletter – 'Sarthak'

GTU is publishing the quarterly newsletter 'Sarthak' for the past seven years. In 2024, four issues of 'Sarthak' were released, and are accessible from the GTU website. This newsletter captures key highlights, academic updates and university's achievements.



VOLUME 10 ISSUE 1



VOLUME 10 ISSUE 2



VOLUME 10 ISSUE 3



VOLUME 10 ISSUE 4

University Annual Report & Convocation Report



Every year GTU publishes an University Annual Report and Convocation Report during the Convocation ceremony, encapsulating the accomplishments of academic and administrative sections and the achievements of gold medallists respectively.

Honorable Prime Minister's Address during foundation stone laying ceremony for 3 Semiconductor Facilities on 13th March 2024



Prime Minister's Address – Live Webcast

GTU also joined the live webcast of address of the Honourable Prime Minister of India, where he virtually laid the foundation stones for three significant semiconductor facilities – two in Gujarat and one in Assam. This was a pivotal moment reflecting India's stride towards technological advancement.

Submitted By –
Dr. Rajesh Chaudhari, Head – Conference Section, GTU

ACCOUNTS SECTION

The Finance/Accounts Department serves as the central unit of the University, managing both internal financial transactions and external transactions with colleges, examiners, and other stakeholders.

The Block Maintenance Grant has been given by the Government of Gujarat – Education Department through Commissioner of Technical Education (Gujarat State). Other expenses are incurred from the own fund of the University. The Government of Gujarat has approved Rs. 1213.00 lakhs this year for procurement of furniture, other equipment, and maintenance of the GTU PG Schools. GTU has also received various grants from the Government of India, like DIC Grant, AICTE FDP Grant, and IDEA LAB Grant. In addition to this, GTU has received various research grants from GSBTM and GUJCOST. The total approved budget of the University for the Financial Year 2024–25 is Rs. 15980.00 lakhs. Total Rs. 3569.00 lakhs expenses will be from government grant and total Rs. 12411.00 lakhs expenses will be incurred from the own fund of the University.

Budget Estimate for F.Y. 2024-25

Sr. No.	Particular	Income (Rs. in Lakhs)	Sr. No.	Particular	Expenditure (Rs. in Lakhs)
A	Examination Income	4400.00	A	Examination Expenses	4400.00
B	Grant From Government	3569.00	B	Government Grant Expenditure	3669.00
C	Professional Regulatory Charges & Affiliation Fees	875.00	C	University Activity & Administrative Expenses (University Fund)	2345.00
D	PG School & Centre Income	838.00	D	PG School & Centre Expenditure	1259.50
E	Other Income	5988.00	E	Capital Expenditure	3996.50
F	Consultancy Services	310.00	F	Consultancy Services Expenses	310.00
	Total	15980.00		Total	15980.00

All the payments made by the university to its colleges, vendors, and other stakeholders are through NEFT, RTGS, or bank transfer. Accounts Section has initiated a user-friendly online fee collection module, i.e., “SBI Collect” available 24/7, 365 days a year since 2013 and “E-Pay Payment Gateway” since 2018. Stakeholders can make payment through e-transfer (via debit card, credit card, mobile wallet, UPI, etc.). This saves stakeholders' time and energy, enabling them to make payments to the university at their convenience. All the payments and receipt procedures are done through online mode for our stakeholders. The Accounts Department is committed to rendering prompt, reliable, credible, and consistent service pertaining to finance and accounts to all its stakeholders while abiding by statutory and regulatory requirements.

Submitted by:

Mr. H. D. Rahul (CAO) & Mr. M.N. Parmar (Account Officer), GTU

INTERNAL AUDIT SECTION

Internal audit provides independent assurance for the effectiveness of internal controls and risk management processes to enhance governance and achieve organizational objectives. The internal audit section became operational since October 2013, and has been working as a constructive arm of the university. The Internal Audit Section continuously works as a team to achieve the university's objectives, adhering to principles such as integrity, objectivity, professional skepticism, confidentiality, competence and due care.

The main objectives and areas for conducting internal audits are:

- Being morally and ethically responsible, all conflicts of interest are avoided, and not to derive any undue personal advantage from the position held.
- Exercise due professional care and diligence while carrying out the internal audit, i.e., exercise reasonable care in carrying out the work to ensure the achievement of planned objectives.
- Ensure highest integrity and maintain utmost confidentiality of all information acquired during the audit work.
- Ensure work is carried out in a highly objective manner without any prejudice or undue influences, pressure, or interference and also in gathering and evaluation of facts and evidence and reporting.
- Develop an attitude that includes a questioning mind and being alert to conditions that may indicate possible misstatement due to error or fraud.

The university conducts internal audits to continuously improve the internal financial control system it has adopted. While the internal auditor must maintain independence, they are accountable to the university's management and operate with integrity, professionalism, objectivity, and a professional skepticism. The team from the Internal Audit section verifies on an average 90 files, documents, vouchers, and other items daily. Queries/remarks/observations are resolved with conciliation, discussion, or instruction as and when required and include verification of expenses to ensure compliance with all the rules, regulations, circulars/notifications etc. and the implementation of the prescribed procedures and the orders issued from time to time.

Best Practices:

- Performing internal audits in compliance with prescribed and well-established auditing practices followed in India.
- Performance of an audit in compliance with prescribed auditing and assurance standards issued and adopted by ICAI from time to time, as applicable to educational institutions.
- Working to strengthen the internal financial control system of the university adopted by the management and recommending necessary changes as a continuous process.
- Maintaining the utmost confidentiality of the information gathered during the course of the audit.
- Conducting the work in a highly professional manner while maintaining integrity and objectivity.

The Internal Audit Section is one of the significant verticals of the university.

Submitted by: CA. Chitrani Parmar, Internal Auditor, GTU

ESTATE SECTION

The Estate section maintains the property on campus and develops infrastructure facilities at the university. The existing campus at Chandkheda is a transit campus and a new campus of the university is currently being developed at Lekawada, Gandhinagar. The construction work at the new campus is in progress. The master planning of the new campus is designed by a well-known architectural consultant “INI Design Studio Pvt. Ltd., Ahmedabad”. The Gujarat Government has approved a total cost of Rs. 486.00 Cr. for the development of the new campus. The new campus will be developed in a phase-wise manner. In the first phase, a total of 17 buildings, including administrative buildings, academic buildings, hostels, residential buildings, library, animal house, cafeteria, and common facilities such as post office, bank extension counters, stationery, and healthcare facilities will be constructed. The total cost for the development of the first phase includes construction, landscaping, and irrigation work of Rs. 321.50 Cr. for the built-up area of 64572 sq. m., and construction of most of the buildings is currently underway.



Administrative Building



GTU School of Management Studies



GTU School of Engineering & Technology



Girls Hostel

The new campus will be constructed as per the standards of a world-class university with a green building concept following the norms established by IGBC (Indian Green Building Council). The new campus encompasses an IBMS (Intelligent Building Management System), a rooftop photovoltaic solar electricity generation system, HVAC (Heating, Ventilation, and Air Conditioning), a water distribution system with storage and treatment plants, a rainwater harvesting system, solid waste management, concrete-paved internal roads, walkways, cycle paths, landscaping, afforestation, horticulture, and barrier-free environment facilities for people with disabilities. The treated sewage water will be used for horticulture and flushing.

Presently, Gujarat Technological University has following premises:

1.0 Campus at Chandkheda, Ahmedabad

Sr. No.	Building	Area (in Sqm)	No. of floors	Particulars
1	Administrative building	9780	4	Establishment and Administration purpose
2	Academic Block no.1	819	1	GTU School of Applied Sciences & Technology
3	Academic Block no.2	819	1	Design Innovation Centre
4	Academic Block no.4	1876	2	GTU School of Management Studies
5	Academic Block no.5	2807	3	Atal Incubation Centre, GTU School of Engineering & Technology
6	Vice Chancellor Bungalow	428	2	Residence for Honourable Vice Chancellor
7	GTU staff quarter & Girls Hostel	7715	10	Residence for university staff members & accommodation for girl students
8	Boys Hostel	3510	3	Accommodation for students (boys)

2.0 Campus at Sector-26, Gandhinagar

Sr. No.	Building	Area (in Sqm)	No. of floors	Particulars
1	GTU Gandhinagar campus	4725	3	GTU School of Pharmacy

3.0 GTU Innovation & Start-up Centre at different places of Gujarat

Sr. No.	Building	Area (in Sqm)	No. of floors	Particulars
1	AVPTI campus, Tagore Road, Rajkot	350 (Approx.)	1	Start-up, Innovation & other research activity
2	Dr. S&SS Gandhi college, Majura gate, Surat	410 (Approx.)	1	Start-up, Innovation & other research activity
3	Govt. Technical high school, Dandiya bajar, Vadodara	160 (Approx.)	2	Start-up, Innovation & other research activity

4.0 Facilities at GTU Campus, Chandkheda, Ahmedabad

Sr. No.	Facility	Area (in Sqm)	Particulars
1	Dispensary	40	Medical facility to GTU staff members
2	Crèche	40	Crèche facility to GTU staff members
3	Canteen	120	Canteen facility for students, staff, and visitors
4	Mess	400	Mess facility for students, staff, and visitors

Submitted by:
Mr. Ragesh Thakor (OSD) & Mr. Hemal Patel, Deputy Engineer, GTU

MEDIA SECTION

The media section delivers newsworthy announcements to the university's stakeholders directly, using well-written press releases and graphics to attract attention on social media and websites. Consistent public relations efforts raise awareness for GTU schools and the university, complementing other branding and promotion initiatives and potentially earning the coveted media spotlight that leads to substantial conversions. Our stories revolve around the student education and research, and it is our responsibility to demonstrate how Gujarat Technological University can help them achieve their objectives.

The GTU media section disseminates the most recent news on various GTU social media platforms, prominent state news media houses, and online portals. The GTU Media team published over 270 news stories this year, garnering significant usage from newspapers, digital web portals, radio, TV news channels, and social media WhatsApp channels.

The section creates in-house graphic designs for various programs, webinars, seminars, and the university's daily and special events, using compelling themes to effectively convey the given concept. The media section helps to build the brand and develop educational opportunities; it also enables fostering relationships with prospective, current, and former students.

Achievements:

- The section communicated with 374 reporters from Gujarat and other states of the nation this year and shared press notes with them.
- There are 232 positive print media press notes available in all three languages: Gujarati, Hindi, and English.
- There have been 116 noteworthy pieces of electronic media coverage in Gujarati and Hindi.

Submitted by -

Mr. Milan Pathak - IPRO, Mr. Hardik Leuva - Graphics Designer

Mr. Anil Pathak - Media Advisor, Mr. Manoj Shukla - Media Advisor

EXAMINATION SECTION

GTU Exam at a Glance

Gujarat Technological University has taken many initiatives to position itself as a global university by adapting innovative approaches for the benefit of students and faculties. All affiliated colleges, principals, and faculty members have been instrumental in making this possible. To make the examination system more reliable, transparent, and accountable, GTU has adopted many innovative approaches.

16888 manuscript preparation appointment orders for setting up question papers of various subjects were issued for the Winter- 2023 & Summer- 2024 Examination. The Winter- 2023 & Summer-2024 Examination offered a total of 5983 different subjects. A total of 362,918 students had registered in 33 different programs for the Winter-2023 & Summer-2024 Examination.

Course wise Student Distribution in Winter 2023 and Summer 2024 Examination	
Course Name	Student Count
Bachelor of Architecture	534
Bachelor of Business Administration	187
Bachelor of Engineering	147682
Bachelor of Hotel Management And Catering Technology	547
Bachelor of Interior Design	53
Bachelor of Design	150
Bachelor of Pharmacy	29388
Bachelor of Vocation	1691
Master of Science (Integrated)	678
Diploma In Architecture	650
Post Graduate Diploma In Bioinformatics	16
Post Graduate Diploma In Hospital Management	147929
Diploma In Engineering	26
Post Graduate Diploma In Digital Marketing	1843
Diploma In Pharmacy	28
Post Graduate Diploma In Data Science	470
Diploma In Vocation	380
Bachelor of Engineering (Part Time)	1499
Pharm.D.Master of Science (Industrial Biotechnology)	87
Master of Computer Applications (Integrated)	1065
Integrated M.Sc. Biotechnology	88
Integrated MBA (IMBA)	2600
Master of Business Administration	14678
Master of Computer Applications	4604
Master of Engineering	2410
Master of Arts In Hindu Studies	43
Master of Pharmacy	2986
Master of Architecture	20
Master of Business Administration (Part Time)	73
Pharm.D. (Post Baccalaureate)	29
Post Diploma Degree Course	383
Post Graduate Diploma In IPR	47
Total	362918

The following table depicts the details regarding the Winter-2023 & Summer-2024 Examination:

Details	Winter 2023 Examination	Summer 2024 Examination	Total
Total Students Registered	190474	172444	362918
Number of Subjects offered	2891	3092	5983
Number of Manuscript Preparation Appointment Orders issued	8455	8433	16888
Number of Answer books Assessed	1033458	878745	1912203
Number of Exam Centres	379	366	745

Examination Process and Set-up

To make the process of examination smoother, the university has divided the whole state into six zones, namely Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot, Surat, and Bhuj. The university deputes zonal officers to these zones for exams. The university appoints faculty members from affiliated colleges as GTU observers at each exam centre to ensure smooth exam conduct. The observer transfers the answer books to the concerned zonal office on the same day of the exam, following the completion of the exam. The observer has to arrive at the exam centre at least 50 minutes before the beginning of the subject exam.

A student receives a student-specific and subject-specific barcode during each university subject exam, which they must paste into their answer book. At the end of the subject exam, the student is required to hide his/her identity, i.e., seat number, student's signature, junior supervisor's name, and signature, by pasting a hollow brown sticker.

Assessment of Students Answer-Books

In the Winter- 2023 and Summer- 2024 examinations, answer books were assessed through E-Assessment. As soon as the examination for the day/session concludes, we collect answer books from all colleges located in any of the six zones on the same day. We arrange all the day's collected answer books by subject, then bundle and pack them into a group of 100. These bundles are transported to the university head office in Chandkheda, Ahmedabad, by the next day.

E-Assessment

The e-assessment system was introduced from the Term End External Theory examination of the MBA Semester 1 in the Winter-2012 examinations as a pilot project. The success of 'E-Assessment' led to its implementation in other courses.

In e-assessment, a digital answer book is uploaded on a portal through which examiners can securely assess the answer book online, and digital access to the assessed answer book is given to the students, which enables transparency in the examination system. The available evaluators receive their answer books randomly. Evaluators can carry out E-Assessment using Computer/Laptop and internet connectivity from anywhere at any time, thus giving freedom of assessment as per his/her convenience using technology. Since the Winter 12 examination, GTU has digitally evaluated about 26 million answer books.

When students request a reassessment, the department republishes their digital scan copies for evaluation by a different examiner. If a student applies for online viewing of his/her answer book, then the answer book is displayed in the concerned student's portal login.

Secure Online Question Paper Delivery System (SOQPDS)

Through the Secure Online Question Paper Delivery System (SOQPDS), the university has transmitted a large number of question papers for theory examinations to various exam centres across the state. In the Winter- 2023 examination, the university sent 3067 subject's question papers to 379 exam centres, and in the Summer-2024 examination, it sent 3167 subject's question papers to 366 exam centres.

Entry of Marks and Result Preparation

Gujarat Technological University has developed online portals for fetching marks for various components of a student's results. The following table provides a brief overview of how marks are entered for various components:

Mode of Exam	Component Type	Abbreviation	Mode of entry	Marks	Remark/Note
CEP Continuous Evaluation Process (by college faculties)	Theory	M	Online	College faculty	As soon as entry is completed by colleges, CEP's M & I Component marks are published on portal for viewing/verification by students.
	Practical/ Viva	I	Online	College faculty	
TEE Term End Exam (by External examiners)	Theory	E	Online	External Paper evaluator	—
	Practical/ Viva	V	Online	External Practical or Viva examiner	Marks entered through portal is also submitted in hardcopy to University

Reforms

To eliminate the possibility of leakage or any other such discrepancy about question papers, the university has introduced innovative strategies for better management of examinations. The university has implemented a Secure Online Question Paper Delivery System (SOQPDS) that is incorporating various security features from the Summer-2018 examination. The university sends question papers to exam centres that are located across the state. SOQPDS replaces the Encrypted Compact Disc. The examination process using the e-system has proven to be the most reliable and confidential system and is appreciated all over.

A new question paper style for B.E. with a new syllabus based on Course Outcome (CO) and Cognitive Level (as per Revised Bloom's Taxonomy) is implemented from the academic year 2018-19. The university has successfully dispatched grade cards to colleges via Speed Post shortly after the results announcement, ensuring students receive their grade cards on time. The administration of GTU exams for students and college payments is now cashless. The Winter 18 Examinations marked the activation of the online portal for exam stationery. We implemented a speedy digital payment system for manuscript drawings starting with the Winter 18 exams. A panel consisting of deans, associate deans, the chairman, and members of the BOS appoints paper setters.

Appreciation by peers

Gujarat Technological University has gained recognition for its robust examination system. Various universities visit the campus of Gujarat Technological University to explore the possibility of adopting best practices from its examination system. The exam section has had the opportunity to exchange knowledge and experience with officers from various other universities. Other university officers, including core members of the Examination Department, Computer Department, and general administrators such as the registrar, controller of examination, deputy registrar, assistant registrar, system analyst, and programmers, have visited the university. They have studied our system and appreciated the modern approaches adopted by GTU.

Submitted by:

Dr. Viral H. Borisagar, C.O.E. (I/c), GTU

Mr. Vishal S. Barot, Assistant Registrar, GTU

SECTION - V

GTU SCHOOLS AND CENTRES

GTU - SCHOOL OF ENGINEERING AND TECHNOLOGY

Vision:

To create an ecosystem in education and research that provides socially responsible, globally acceptable technocrats, innovators and entrepreneurs.

Mission:

- To develop state-of-art research facilities with well-equipped academic infrastructure
- To establish strong collaborations with research organizations, Institute of national importance and Industries that promote research and consultancies
- To encourage innovative practices to produce innovators and entrepreneurs
- To leverage international linkages of the University to establish strong international outreach

Total No. of Programmes offered in the A.Y. 2024-25:

Sr. No.	Name of Programme
1	Ph.D.
2	Master of Engineering in Computer Engineering (Cyber Security)
3	Master of Engineering in Civil (Structural Engineering)
4	Master of Engineering in Internet of Things
5	Master of Engineering in Artificial Intelligence and Data Science
6	Postgraduate Diploma in Data Science
7	Bachelor of Engineering (Computer Engineering)
8	Bachelor of Engineering (Electronics & Communication Engineering)

Awards, Publications, FDPs, Research, and Consultancy Projects during the year 2024:

Particulars	Total
Awards / Recognition received at National Level	01
Awards / Recognition received at State Level	07
Awards / Recognition received at University Level	03
Major Publications of Faculty Members in UGC/Scopus/Wos Journals	12
Granted Patents	01
Faculty Development Programs (5 or more days) attended	07
Research Projects	02
Consultancy Projects	04

Major Recruiters: Space Applications Centre (SAC) - ISRO Ahmedabad, INTELioT Automation Pvt. Ltd. Ahmedabad, Adaptive Engineering Pvt. Ltd. Ahmedabad, Electromech CloudTech Pvt. Ltd., La Misma Luna Private Limited, CribLiv Ventures Pvt. Ltd., LamproStack, Caypro, SMV Engineering, Midas IT Co. Ltd., CASAD Consultant,

912 Consultant, Parvati Techno Consultant, Ducon Consultants, Delta Consultant, Maruti Consultant, Bhoomi Consultants, Information and Library Network Center, Nw9

Major Technical Events:



- **GTU Code Unnati Innovation Marathon 2023-2024:** The Final Showcase and Awards Event “Innovation Marathon 2023-2024” under the GTU – Code Unnati CoE in Emerging Technology was organized on 20th February 2024, with the Edunet Foundation and SAP, India. The students of various disciplines of engineering colleges from Delhi, Maharashtra and Gujarat actively participated and solved various problem statements successfully to promote the spirit of Industry Revolution 4.0 and Entrepreneurship.
- **ACPC Awareness Program:** An ACPC Awareness Seminar was organized on 6th April 2024 for the 12th science pass out students. The aim was to make them aware about the online admission process for BE programs.
- **CCE Certified Value-Added Course in Civil (Structural) Engineering:** A certification course titled "Unboxing OAPI Feature of the Civil (Structural) Engineering Software using Python Programming" was organized by the Centre for Continuing Education (CCE) at GTU, from 24th June to 5th July 2024, encompassing 55 hours of intensive training.

Outcome of Major Activities / Research / Consultancy for the benefit of Stakeholders:

- Research Symposium on "Data Analytics, Machine Learning, and Artificial Intelligence" (DAMLAI) was organized on 21st-23rd March 2024. 50 research papers across the nation were received and 12 research papers were presented in-person. All the papers were published in a book with ISBN: 978-93-89934-99-1.
- In an Industry Sponsored FDP on "Semiconductor Electronics Design Automations (EDA) Tools", 40 faculty members of various engineering/diploma institutes participated.
- Ministry of Electronics and Information Technology (MeitV), Govt. of India approved free access of the Semiconductor Electronics Design Automation (EDA) Tools of Synopsys and Cadence under ChipIN Center for 30 users on 30th October 2024. Total cost of these two tools are approximately ₹ 80,00,000/-
- Received approval on 16th October 2024 for the establishment of "5G Test Lab" under Digital Bharat Nidhi by the Ministry of Telecom, GoI, and Directorate of ICT & E-Governance, DST, GoG.
- The Department of Civil Engineering (Structural Engineering) received consultancy worth ₹ 3,75,000 for proof-checking civil engineering structures and conducting a value-added program.

Submitted by -
Dr. J. A. Amin, Professor, GTU–SET

GTU - SCHOOL OF PHARMACY

Vision: To emerge as a globally recognized premier Pharmacy Institute in Teaching, Research, Innovations, Consultancy and Entrepreneurial Training in Pharmaceutical Sciences.

Mission:

- To implement modern pedagogical methods to excel in teaching, learning and research through necessary resources.
- To develop a transparent management system that facilitates staff development and encourages innovation and flexibility.
- Development of multi talent human resources by skill upgradation of students through specialized courses and training and by facilitating international student and faculty exchange programmes.
- To engage in translational research through interdisciplinary research team and intensive symbiosis with the industries & research institutes for mutual benefits.
- To organize International & National conferences, structured workshops and outreach programmes for the benefit of students, professionals and society.

Total No. of Programmes offered in the A.Y. 2024-25:

Sr. No.	Name of Programme
1	Ph.D.
2	Master of Pharmacy (Pharmaceutics)
3	Master of Pharmacy (Pharmaceutical Quality Assurance)
4	Master of Pharmacy (Pharmaceutical Regulatory Assurance)
5	Master of Pharmacy (Phyto Pharmacy)
6	Bachelor of Pharmacy

Awards, Publications, FDPs, Research, and Consultancy Projects during the year 2024:

Particulars	Total
Awards / Recognition received at National Level	01
Major Publications of Faculty Members in UGC/Scopus/Wos Journals	07
Granted Patents	01
Faculty Development Programs (5 or more days) attended	01

Major Technical / Non-technical Events:

Sr. No.	Date	Name of Event	Society / Chapter	Level
1	02-02-2024	Training on Regulations of Nutraceuticals - A Practical Insight	Food Safety and Standards Authority of India	Institute
2	03-04-2024 & 04-04-2024	A three-day training program on Laboratory System and Internal Audit Training as per ISO/IEC 17025:2017	Food Safety and Standards Authority of India	Institute

Major Recruiters: Zydus Lifesciences, Torrent Research Centre, Intas Pharmaceuticals, Synzeal research Pvt Ltd, Elysium Pharmaceuticals

Achievement of the Year for Institute:

- Received 70th Rank in NIRF Ranking 2024 in all over India in Pharmacy Discipline.

Outcome of Major Activities / Research / Consultancy for the benefit of Stakeholders:

- Our state-of-the-art analytical instrumentation facilities, including HPLC, HPTLC, LC-MS, GC-MS, and ICP-MS, have been optimally utilized for advanced research and consultancy in pharmaceutical and herbal sample analysis.
- These facilities have supported diverse academic and industrial projects, enabling method development, validation, and quality assurance.
- The outcomes include numerous high-impact publications, innovative solutions to analytical challenges, and reliable services to industry stakeholders, fostering academic-industry collaboration and enhancing research excellence.

Submitted by -

Dr. Sanjay Chauhan, Professor, GTU School of Pharmacy

GTU - SCHOOL OF MANAGEMENT STUDIES

Vision:

To be an Institute of Excellence in Management Education by Developing Globally Competitive and Socially Responsible Professionals

Mission:

- To create an enriched environment for aspirants of management education who will bring a significant change in the society
- To provide a transformational learning experience to nurture ideas, research and solution through innovative courses and pedagogy
- To work in partnership with leading national & international higher educational institutes/organizations for collaborative research and innovation

Total No. of Programmes offered in the A.Y. 2024-25:

Sr. No.	Name of Programme
1	Ph.D.
2	MBA (International Business)
3	MBA (Innovation, Entrepreneurship, and Venture Development)
4	Post Graduate Diploma in Digital Marketing
5	Post Graduate Diploma in Hospital Management
6	Bachelor of Business Administration

Awards, Publications, FDPs, Research, and Consultancy Projects during the year 2024:

Particulars	Total
Awards / Recognition received at International Level	01
Awards / Recognition received at National Level	01
Awards / Recognition received at State Level	05
Awards / Recognition received at University Level	04
Major Publications of Faculty Members in UGC/Scopus/Wos Journals	08
Faculty Development Programs (5 or more days) attended	16
Research Projects	04
Consultancy Projects	03

Major Recruiters: Mansukh Investment & Trading Solutions, TIGI HR Solutions Pvt Ltd., Befree Business Resourcing LLP, Navkar Consultancy Services, Futuristic Packaging Pvt Ltd., Beacon Insurance Brokers Pvt Ltd., Spectra Fuels

Achievements of the Institute:

- A total of 7 students received scholarship from NPTEL under fee waiver scheme.
- The institute collaborated with NPTEL and organized Soft Skill Training Program for MBA (IB) students from 9th to 14th September 2024. A total of 25 students earned certificates for successfully completing the program. GSMS was appreciated by NPTEL for the coordination of the training program in a successful manner.
- The students (inventors) of MBA (IEV) programme of batch 2022-24 registered four start-ups and received grants of ₹465000 from various agencies.

Outcome of Major Activities / Research / Consultancy for the benefit of Stakeholders:

- **Academic Outcomes:** The high graduation rate of more than 90% with relevant employability skills. A total of 4 students of MBA (IB) and 2 students of MBA (IEV) have more than 8 CPI. A total of 232 students enrolled for MOOCs in summer-2024, out of which 127 students registered for the exam and 72 students cleared the exam. Dr. Krishnaba Vaghela, Assistant Professor of GSMS won TechGuru Award on 5th September 2024 for her contribution in academics and research.
- **Industry Connect, Placement & Startups:** This resulted in increased placement rates in reputed companies with competitive salary package. A total 47 out of eligible 49 GSMS students got job offers from 16 companies and received an average package of ₹250000. GSMS students are excelling in academic, extracurricular activities, and professional domains. Four students of MBA (IEV) have established their start-ups. 96 students of UG and PG have done internships from reputed companies such as ONGC, Adani Ports & SEZ LTD., Reliance Jio Infocom Limited, Nirma Ltd., Knack Packaging Pvt Ltd., TATA MOTORS - Riya Autolink, and many more. Students have visited Gopal Snack Ltd., Asian Granito India Ltd., Inland Container Depot (ICD) at Khodiyar to name a few. Various initiatives like Aavkar – An Alumni Meet and Aaradhya – An Alumni Garba Eve helped GSMS in building stronger alumni network.
- **Research Outcomes:** The number of impactful research publications in reputed national and international journals have gradually increased with a growth in the citation index. 3 faculty members have successfully completed the funded research projects, and 5 faculty members have received a research grant of ₹1296000 this year.
- **Community and Social Outcomes:** GSMS have taken socially responsible initiatives through NSS activities, community projects as a part of human values and professional ethics course, voters' awareness program, and career guidance seminar for HSC pass students.
- **Event Outcomes:** Successful hosting of technical and non-technical events, such as Avsar, Aarohan, Adhigam, Workshops resulted in the holistic development of students. The events like Aarogyam Prabandham-A conclave for healthcare professionals and Anusandhan-State Level SIP competition have provided platform to the students, faculty, and external stakeholders for networking opportunities. Anusandhan event attracted a total of 71 participants across Gujarat, including representation from 17 affiliated colleges of GTU and 9 private universities. A total 44 students participated in zonal level sports competition. Out of which 2 students played Chess and Badminton at inter zonal level, too and Ms. Ishita Sharma BBA 2nd year got selected for All India University Badminton competition.
- **Institutional Growth:** The efforts have resulted in the enhanced reputation of the institute, which is reflected through higher number of applications for admissions. For the 60 seats of BBA programme 1128 applications were received through GCAS portal. Consultancy work in the form of (i) recruitment exam for client of NTA and (ii) conduct of NEET on behalf of NTA were imparted to GSMS.

Submitted by -

Dr. Pankajray Patel, Professor & Director, GTU-SMS

Dr. Neela Multani, Assistant Professor, GTU-SMS

GTU- SCHOOL OF APPLIED SCIENCES & TECHNOLOGY

Vision:

To ascend to the ranks of premier institutions specializing in allied technologies, renowned for pioneering research and innovation

Mission:

To create a conducive environment for the holistic development of students by continually enhancing infrastructure to meet global standards and keeping pace with technological advancements. GTU-SAST aim to foster intellectual growth, instil a multidisciplinary research aptitude, and cultivate the essential skill set for global competitiveness. Ultimately, we strive to mould ethical and professional global citizens of high value.

Total No. of Programmes offered in the A.Y. 2024-25:

Sr. No.	Name of Programme
1	Ph.D.
2	M.Sc. Industrial Biotechnology
3	PG Diploma in Bioinformatics
4	PG Diploma in IPR
5	Integrated M.Sc. Biotechnology
6	B.Sc. Biotechnology

Awards, Publications, FDPs, Research, and Consultancy Projects during the year 2024:

Particulars	Total
Awards / Recognition received at International Level	03
Awards / Recognition received at National Level	02
Awards / Recognition received at University Level	03
Major Publications of Faculty Members in UGC/Scopus/Wos Journals	22
Granted Patents	09
Faculty Development Programs (5 or more days) attended	09
Research Projects	02
Consultancy Projects	07

Major Recruiters: Zydus, Lifesciences Limited, Baxter, Intas, Neuberg Supratech, Concord Biotech,

Major Technical Events:

- **National Academic Immersion Program (NAIP):** It was held from 13th-21st March 2024, and was a joint initiative by Dr. Vishwanath Karad World Peace MIT University, Pune, and Gujarat Technological University (GTU). Students from MIT University visited SAST-GTU in Ahmedabad for an 8-day immersion, focusing on learning and exploring advancements in Genetic Engineering through sessions with GTU-SAST faculty members.
- **3 days training workshop on Animal Cell culture:** Two workshops on Basic Animal Cell Culture Techniques were

held at GTU from 20th-22nd May and 27th-29th May 2024, having 10 participants per session. The training provided hands-on experience in cell culture, enhancing skills in lab techniques, cell maintenance, and troubleshooting for academic and research use.

- **A 3-day training on the VITEK® 2 COMPACT system** was held for Ph.D. scholars and faculty members, from 6th-8th March 2024 focusing on automated microbial identification and sensitivity testing. Conducted with bioMérieux, it enhanced participants' skills in rapid, accurate diagnostics for research and clinical use.
- GTU-SAST hosted an expert talk and workshop titled **"Editing the Code of Life: The Promise and Peril of CRISPR"** on 1st March 2024. Dr. Rajesh K Patel from VNSGU highlighted the precision and versatility of CRISPR-Cas9 in genome editing.

Major Non-technical Events:

- National Voters' Day celebration was held on 25th January 2024 for the first time voters & students
- The students tailored comprehensive health screening event that encompassed Thalassemia screening, Sickle Cell Anaemia testing, dental examinations, and visual acuity assessments was conducted on 12th March 2024.

International Footprints:

- A total of 4 faculty members attended an International Conference at Georgia and Belgium.
- A faculty member along with students went to Canada as a part of International Experience Program.

Submitted by -

Dr. Vaibhav Bhatt, Professor & Director, GTU-SAST

GUJARAT POWER ENGINEERING & RESEARCH INSTITUTE

Vision:

To be a regional leading Institute committed to academic excellence, research, innovation, and entrepreneurship in order to produce proficient technocrats for nation-building and societal development.

Mission:

- To develop and enhance institutional infrastructure and resources with state-of-the-art technology.
- To impart high-quality technical and professional education to cater to the demands of regional and global industries.
- To nurture experiential, innovative, and lifelong learning skills for sustainable development and to address societal problems.
- To provide quality training for equitable and harmonious growth of students, faculty, and staff members.
- To collaborate with other leading academic institutes, research institutes, industries, and various organizations for strengthening interdisciplinary research and entrepreneurial skills.

Total No. of Programmes offered in the A.Y. 2024-25:

Sr. No.	Name of Programme
1	B.E. in Computer Engineering
2	B.E. in Electrical Engineering
3	B.E. in Mechanical Engineering
4	B.E. in Civil Engineering
5	Diploma in Computer Engineering
6	Diploma in Electrical Engineering
7	Diploma in Mechanical Engineering
8	Diploma in Civil Engineering
9	Integrated M.Sc. in Information Technology
10	Integrated M.Sc. in Computer Science
11	P.G. Diploma in Cyber Security

Awards, Publications, FDPs, Research, and Consultancy Projects during the year 2024:

Particulars	Total
Awards / Recognition received at National Level	01
Awards / Recognition received at University Level	02
Major Publications of Faculty Members in UGC/Scopus/Wos Journals	05
Granted Patents	06
Faculty Development Programs (5 or more days) attended	04
Research Projects	04
Consultancy Projects	19

Major Recruiters: Ammann India Private Limited, Gujarat Apollo Industries Ltd., Ratnamani Metals & Tubes Ltd.

Major Technical Events:

- Internal round of GTU Smart India Hackathon 2024 was organized on 5th Sept, 2024
- Two-week internship on “Introduction to Modern Manufacturing Techniques” was organized by the Mechanical Engineering Department from 27th June 2024 to 10th July 2024.

Major Non-technical Events:

- Alumni Meet: 6th January 2024
- Annual Sports “Shaurya-2024”: 29th February to 2nd March 2024
- Annual Cultural Festival “Kaushalya-2024”: 26th April 2024
- Placement and Project Fair: 4th May 2024
- Annual Navratri Festival “RAMZAT-2024”: 19th October 2024

Achievement of the Year for Institute:

GPERI was honoured with the prestigious Highest Design Patent Award, recognizing the innovative contributions of six inventors who registered unique designs. This accolade reflects GPERI's unwavering commitment to fostering creativity and excellence in design.



Submitted by -
Dr. Chirag Vibhakar, Principal, GPERI, GTU

CENTRE FOR CONTINUING EDUCATION (CCE)

The Centre for Continuing Education was established at the University with an objective to provide a platform to run the short term certificate courses as per the needs of academia and industry. The National Education Policy 2020 (NEP 2020) envisions multidisciplinary learning for individuals across the sciences, social sciences, and humanities. Society also needs multidisciplinary and holistic education across sciences, social sciences, arts, humanities, and sports for a multidisciplinary world in order to ensure the unity and integrity of all knowledge.

Any institute/college/non-profit organization/industry can propose technical/non-technical short term courses under this centre. The centre's advisory committee along with subject experts scrutinize the course proposals (i.e. course content, resource persons, laboratory facilities for practical course, employment opportunities and/or skill enhancement after course completion etc.) and if found satisfactory then the approval is given to start the course.

Following courses aligning with the objective of the centre mentioned above were successfully completed between December-2023 to October-2024.

Sr. No.	Proposing Institute/ College/ Organization	Certificate Course	Duration	No. of Beneficiaries
1	Anand Pharmacy College	Pharmacovigilance (Batch 2)	45 hours	67
2	Tanmaye's Amazing Space	Astronomy & Space Science (Batch 1)	32 hours	24
3	Inextrix Technologies Pvt Ltd	Certificate Course on Internet Telephony Programming (Batch 1)	50 hours	6
4	Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh	Practical Hands on High Performance Liquid Chromatography (Batch 5)	60 hours	14
5	Aquint Global Tech Skill India Pvt. Limited	Certified Fiber Optic Technician (Batch 1)	30 hours	14
6	Anand Pharmacy College	Life Cycle of Pharmaceutical & Medical Device Management (Batch 1)	45 hours	51
7	Innodesk Designovation Services	Design Thinking & Innovation (Batch 1)	30 hours	6
8	Gujarat Technological University-School of Engineering and Technology	Unboxing OAPI Feature of the Civil (Structural) Engineering Software using Python Programming (Batch 1)	55 hours	16
9	VPMP Polytechnic, Gandhinagar	Design and Fabrication of Solar Panel and LED Light (Batch 1)	60 hours	29
	Shankersinh Vaghela Bapu Institute of Technology	Advance Building Information Modelling (BIM) using Autodesk Revit (Batch 2)	50 hours	15
10	VPMP Polytechnic, Gandhinagar	Advanced Course in Refrigeration and Air conditioning (Batch 3)	120 hours	21
12	Anand Pharmacy College	Biostatistics in Pharmaceutical Science (Batch 2)	45 hours	65

Table 1: Summary of courses completed between December-2023 to October-2024

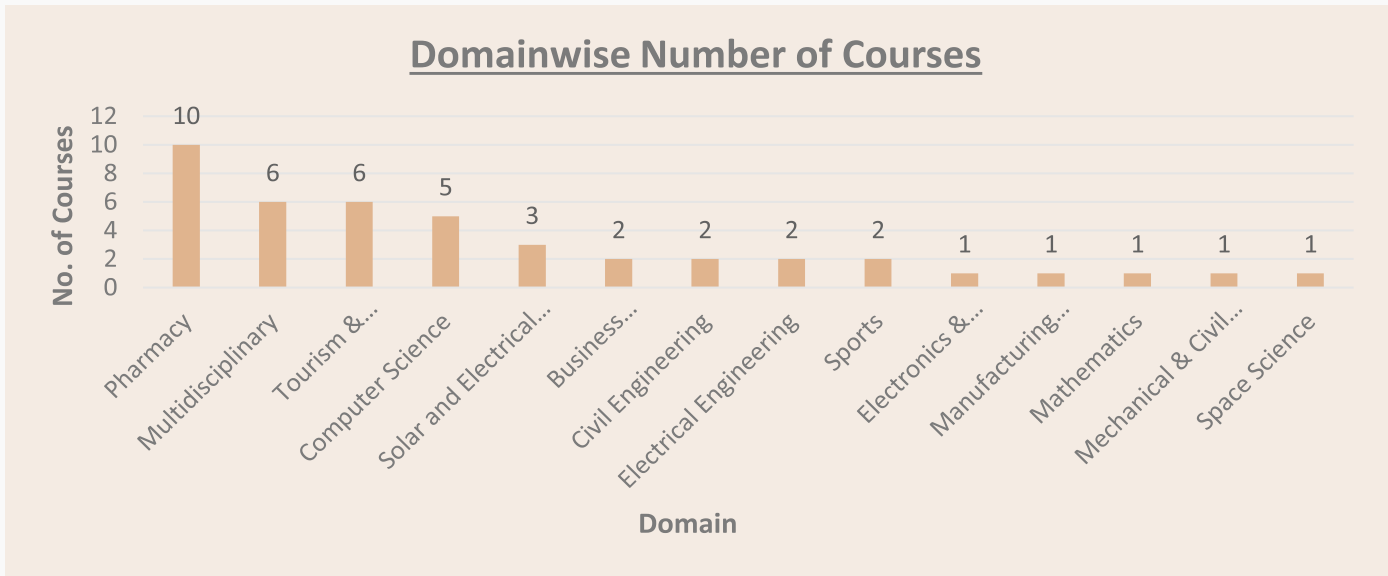


Figure 1: Domain-wise number of courses completed since the inception of the centre till October-2024

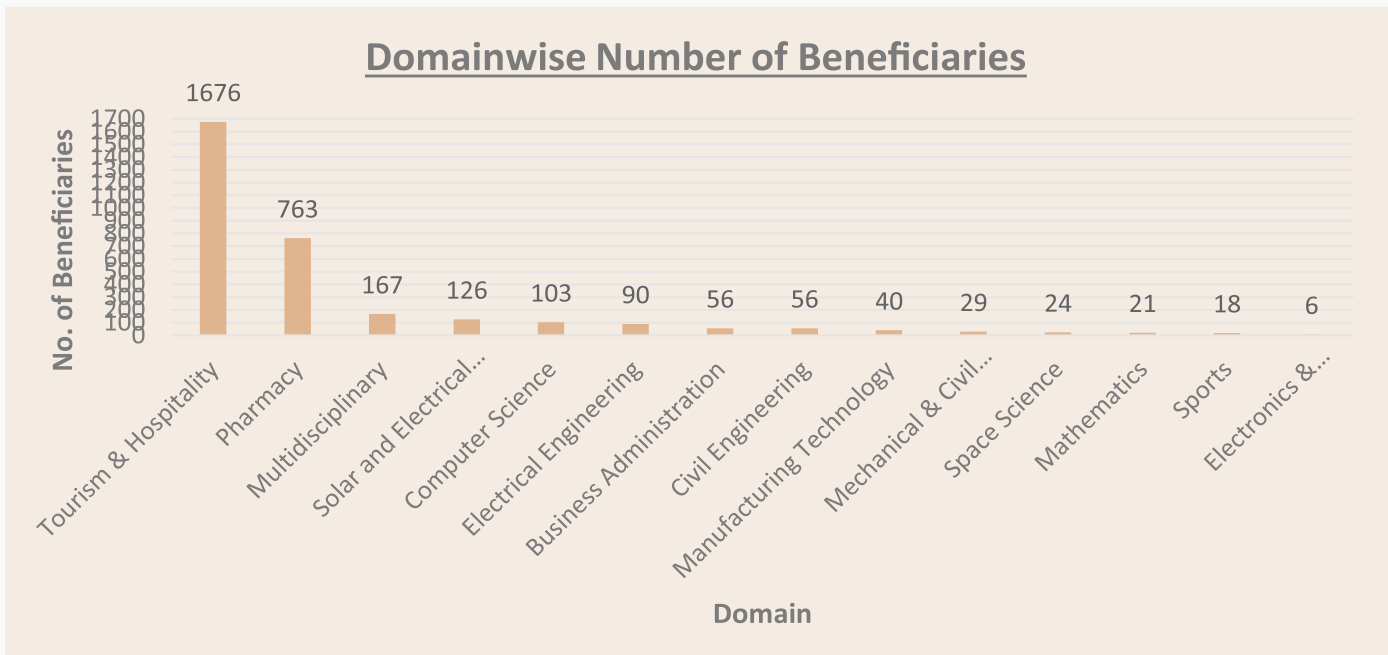


Figure 2: Domain-wise number of beneficiaries from completed courses since the inception of the centre till October-2024

**Submitted by -
Mr. Mahesh Panchal, Assistant Professor, GTU-SET**

DHAROHAR - CENTRE OF INDIAN KNOWLEDGE SYSTEM

Vision:

With the help of Indian Knowledge System-based multidisciplinary courses, programmes, research, and development, the School of IKS will endeavour to re-establish the importance of the rich Indian heritage of knowledge and create a wholesome atmosphere for a harmonious and healthy universe.

Mission:

Provide access to technological students and all curious aspirants for IKS, various interdisciplinary courses, and programmes. Empower them with knowledge of rich Indian heritage, encourage social responsibility, and explore the viability of ancient wisdom in the globalised work environment.

Total No. of Programs offered in the A.Y. 2024-25:

Sr. No.	Name of Programme
1	MA in Hindu Studies
2	The GITA – Relevance in Present Times
3	Certificate Course in Astrology
4	Certificate Course in Vastu Shastra
5	Certificate course on Introduction to Vedas
6	Certificate course on Science in Ancient India

Ongoing Projects:

Sr. No.	Name of Project	Funding Agency	Sanction Date	Sanction Amount (₹)
1	Bhasha Kendaram	IKS Division MoE, Government of India	18/09/2023	9,45,000/-
2	Translation of Books of Indian Knowledge	DTE - Gandhingar Government of Gujarat	04/08/2022	15,00,000/-

Major Non-technical Events:

On 7th February 2024, Dharaohar organised the 9th lecture in the Bharat Tirth Lecture series, with a focus on research in NEP 2020. 95 students and staff members from SIKS and SAST attended the lecture both offline and online, seeking guidance on how to pursue research in various fields of sciences and IKS, as well as information about various funding agencies and how to proceed further. **Dr. Prashant Dharmadhikari**, the speaker and Assistant Professor from CUG, enlightened students with a quiz and a small documentary on the importance and need of IKS.



- Felicitation Program of the Author of 'Telegnosis' & An Expert Lecture:**



On 22nd January, 2024, Dharohar-CIKS organized a felicitation program for Mr. Himanshu Rawal, a writer, poet, and expert in Telegnosis, in recognition of his book on the same topic. He delivered a lecture on “Ram as Rashtrapurush,” and he also explained how Telegnosis can be helpful in detecting the diseases and making future predictions. A total of 80 persons attended the Felicitation Program, including GTU students and employees.

- Books Release and Publication Function:**

Dharohar GTU organized a book release function on 4th March 2024. Honourable Vice-Chancellor Dr. Rajul K. Gajjar chaired the function with Ms. Anuja Piplapure serving as the chief guest. Ms. Anuja Piplapure congratulated Dharohar for its commendable work in translating Indian Knowledge System books and its contribution to IKS studies. GTU published the five books that Dharohar CIKS translated and compiled. 1. Introduction to Vedas 2. Introduction to Puranas 3. Introduction to Upanishads 4. Relevance of Kautilya's Arthshastra & Rajneetishastra 5. Telegnosis.



- Program on Indian Classical Music and Dance:**



The School of Indian Knowledge System at Gujarat Technological University, in collaboration with SPIC MACAY (Society for Promotion of Indian Classical Music and Culture among Youth), hosted a program on Indian classical music and dance on 8th August 2024. Kalaimamani Guru Gopika Varma is a leading exponent of Mohiniyattam with four decades of dedicated practice and performance, and her associates Divya Godan, Kottakkal Jayan, and Satish Poduval organised a mesmerising performance of Mohiniyattam. The highlight of the performance was Gopika Varma's depiction of the life cycle from birth to death, which conveyed a profound message. A total of 121 students of P.G. Schools and 10 staff members participated in the event.

• **10th & 11th Bharat Tirth Lectures:**

Dharohar CIKS (Centre for Indian Knowledge System) organized a lecture for faculty members on 11th October 2024, and for non-teaching staff on 22nd October 2024, with the theme "self-discovery and pursuit of excellence." The keynote speaker for the session, **Shree Ajay K. Tomar**, a retired IPS officer, delivered an enlightening address on self-discovery, leadership, and the pursuit of excellence. His motivational speech deeply resonated with the audience, encouraging them to strive for continuous excellence in all areas of life. He also emphasized the importance of looking inside for self-improvement, drawing on the wisdom of the Bhagavad Gita, and strengthening one's commitment to personal growth. Furthermore, he stressed the role of teachers in becoming a source of inspiration for students in their lives.



• **Achievement of the Year for Institute:**

- A total of 50 video lectures have been edited with the support of BISAG-Gandhinagar.
- Under State Government (DTE) grants, Dharohar—CIKS compiled five books in English and translated them into Gujarati.

Total No. of Programs offered in the A.Y. 2024-25:

Sr. No.	Title of Published Book	ISBN No.
1	Introduction to Vedas	978-81-970305-6-7
2	Introduction to Puranas	978-81-970305-3-6
3	Introduction to Upanishads	978-81-970305-7-4
4	Relevance of Kautilya's Arthshastra & Rajneetishastra	978-81-970305-0-5
5	Telegnosis	978-81-970305-1-2

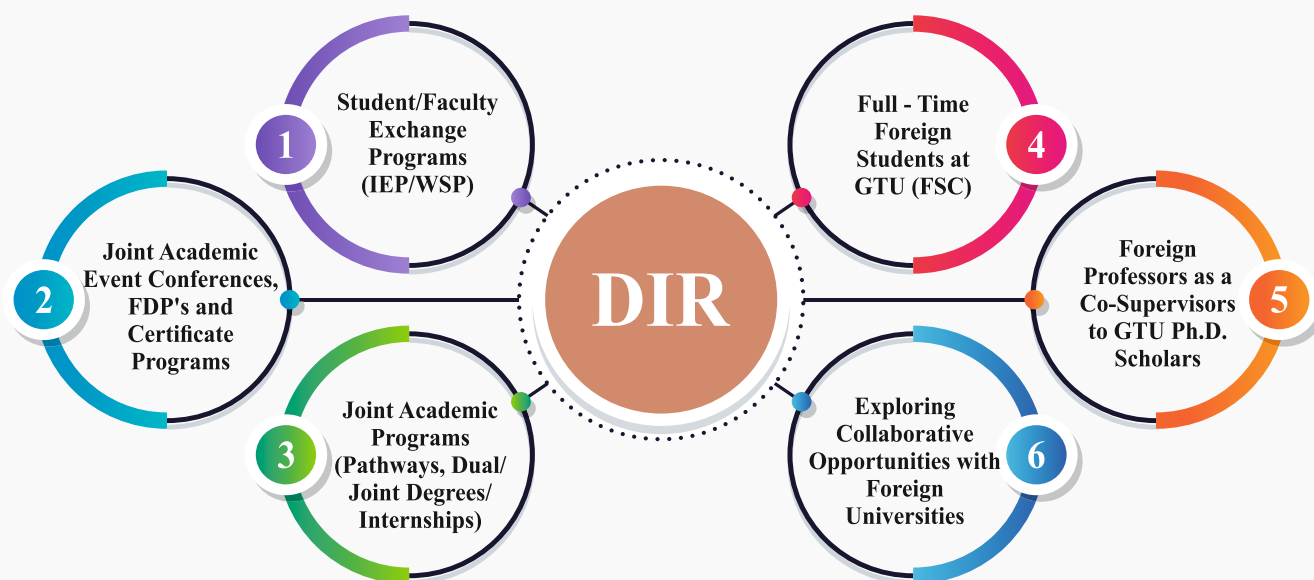
Submitted by -
Dr. Rajeshkumar G. Chaudhari
Head, Dharohar – Centre of Indian Knowledge System

SECTION - VI

INTERNATIONAL ACTIVITIES

DEPARTMENT OF INTERNATIONAL RELATIONS

GTU - Department of International Relations (DIR), is committed towards managing, expanding and enhancing international collaborations and activities at the university. Below are its main areas of focus:



INTERNATIONAL EXPERIENCE PROGRAM (IEP)

The International Experience Program abbreviated as IEP is a step forward from GTU in the direction of becoming an “International Innovative University”. The program was initiated in 2011. Currently, IEP is one of the largest student mobility programs offered by the technological universities of India. Since the inception of the program, more than 2450 students have benefited through IEP.

• Objective:

Globalization is an inherent part of the Knowledge Economy and internationalization of education is becoming key to success. IEP is aimed to provide exposure to Indian students to the international pedagogical environment in their academic specialization. It enables the students to know about the cross-cultural environment which ultimately may turn into a strong intellectual capability.

GTU has successfully organized IEP 2024 with the following Foreign Universities -

- Laurentian University – Canada
- Wismar University – Germany
- Universal Business School Sydney – Australia

• IEP 2024 AT A GLANCE:

1. IEP Laurentian University, Sudbury, Canada – 2024

Branch	CE/CSE/IT/ICT /Integrated M.Sc Biotechnology & Pharmacy
Duration	June 2024 to August 2024
No. of Students	51
Name of Mentor	Dr. Ashish Warghane, Assistant Professor, GTU-SAST



2. IEP Wismar University, Germany – 2024

Branch	Mechanical
Duration	June 2024 to August 2024
No. of Students	16
Name of Mentor	Dr. Palvindarsingh Mann, Associate Professor, GTU-SET



3. Universal Business School Sydney – Australia – 2024

Branch	MBA
Duration	June 2024 to August 2024
No. of Students	18
Name of Mentor	Dr. Kaushal Bhatt, Associate Professor, GTU-SMS



ITER (International Thermonuclear Experimental Reactor) Internship at France:

Branch	Computer Engineering
Duration	January 2024 to July 2024
Name of Student	Miss. Khushi Pitroda
Name of Institute	L D College of Engineering, Ahmedabad



• FOREIGN STUDENTS' CELL

Foreign Students' Cell (FSC) was established in 2013. The major activities of FSC are the administration of admission, academic progress, and other relevant requirements of foreign students at GTU. From 2013 to 2024, GTU has admitted 1286 foreign students from 66 countries of the world. The presence of such a large number of foreign students from more than sixty countries of the world brings a high level of cross-cultural environment in the classrooms and makes *GTU a truly international university.*

• Admission of Foreign Students (A.Y. 2024 – 25):

In the current academic year, GTU has received around 3346 applications through ICCR for admission into various courses offered by GTU. Out of these applications, 158 foreign students from 31 countries are admitted in A.Y. 2024-25 at various affiliated institutes of GTU & GTU PG schools.

Course	Count of Students
PG	18
Ph.D.	3
UG	137
Total	158

INTERACTION WITH FOREIGN UNIVERSITIES / DELEGATIONS

Visit of Delegates from University of Tasmania, Australia

Date: 9th January 2024

Name of Delegates:

- Mr. Rob Wilson, Deputy Vice Chancellor
- Prof Stuart Crispin, Executive Dean, College of Business & Economics

Representative from GTU:

- Dr. Keyur Darji, Director, DIR, GTU



Meeting with Delegation from Australia's Redlands Coast Trade

Date: 12th January 2024

Name of Delegates:

- Miss. Annette D'silva, Head (South Asia)- Technology and Emerging Sectors Queensland Government
- Mr. Wade Oestreich, Group Manager, Economic Development and Investment
- Ms. Bina Avasatthi, Founder, The Development Facilitation Centre

Representative from GTU:

- Dr. Keyur Darji, Director, DIR, GTU



Meeting with Mr. Warren Eric Kirby, Australia with his team

Date: 23rd January 2024

Name of Delegates:

- Mr. Warren Kirby, Member of Parliament, Riverstone, New South Wales, Australia
- Ms. Aisha Amjad, Young Political Leader, Chairperson, All Ladies League (NSW Chapter-Australia)
- Mr. Harish Velji, Renowned NRGs, Australia

Representatives from GTU:

- Dr. Rajul K. Gajjar, Honourable Vice Chancellor, GTU
- Dr. Keyur Darji, Director, DIR, GTU
- Dr. Rajesh Thakker, Director, R & D Cell, GTU



Meeting with Delegation from USA

Date: 6th February 2024

Name of Delegates:

- Miss. Amber Sharples, Executive Director, Oklahoma Arts Council
- Mr. Jeff Moore, Executive Director, I-CCEW

Representatives from GTU:

- Dr. Rajul K Gajjar, Honorable Vice Chancellor, GTU
- Dr. Abhimanyu Samrat, BOG Member, GTU
- Dr. K N Kher, Registrar, GTU
- Dr. Keyur Darji, Director, DIR, GTU
- Dr. Vaibhav Bhatt, Director, GTU-SAST
- Dr. Rajesh Thakker, Director, R & D Cell, GTU
- Mr. Mihir Shah, Advisor, GISC



Meeting with Delegation from Kasetsart University, Thailand

Date: 13th February 2024

Name of Delegates:

- Dr. Sarinya, Dean
- Dr. Srinivasan Chandrasekaran, Professor, IITM
- Dr. Phansek, Professor & Vice Dean
- Major Dr. C S Sanghvi, Professor & Head, Applied Mechanics, LDCE

Representatives from GTU:

- Dr. Rajul K Gajjar, Honorable Vice Chancellor, GTU
- Dr. K N Kher, Registrar, GTU
- Dr. Keyur Darji, Director, DIR, GTU



Meeting with delegation from Virginia Commonwealth University, USA

Date: 7th March 2024

Name of Delegate:

- Miss. Marci Fradkin, Director of Global Partnership and Outreach

Representative from GTU:

- Dr. Keyur Darji, Director, GTU



Meeting with delegation from Virginia Commonwealth University, USA

Date: 29th February 2024

Name of Delegate:

- Dr. Jill E. Blondin, Ph.D., Associate Vice Provost for Global Initiatives

Representatives from GTU:

- Dr. Rajul K. Gajjar, Honourable Vice Chancellor, GTU
- Dr. K. N. Kher, Registrar, GTU
- Dr. Keyur Darji, Director, DIR, GTU
- Dr. Rajesh Thakker, Director, R & D Cell, GTU
- Dr. Monali Prajapati, SSIP Coordinator and Research Advisory Committee Convener, Government Polytechnic Gandhinagar



Meeting with Delegation from National Forensic Agency, Mongolia

Date: 5th April 2024

Name of Delegates:

- Police Colonel B. Lamchin (Chief, Department of Natural Sciences of the Capital Forensic Science Department)
- Police Major B. Bilguun (Chief, Human Resources of the Administration and Management Department)

Representatives from GTU:

- Dr. Rajul K. Gajjar, Honourable Vice Chancellor, GTU
- Dr. K. N. Kher, Registrar, GTU
- Dr. Keyur Darji, Director, DIR, GTU
- Prof (Dr.) S.D. Panchal, Director, GTU-SET



Visit of Delegates from Western Sydney University, Australia

Date: 11th April 2024

Name of Delegates:

- Professor Linda Taylor, Pro Vice Chancellor (International)
- Dr. Kopal Chaube, Senior Research Program Officer

Representative from GTU:

- Dr. Keyur Darji, Director, DIR, GTU



Meeting with Delegation from University of Tasmania, Australia to sign MoU

Date: 18th July 2024

Name of Delegates:

- Prof. Rufus Black, Vice Chancellor and President
- Dr. Stuart Crispin, Executive Dean, College of Business and Economics
- Ms. Tristanne Scott, Associate Director, Partnerships & Learning Abroad
- Mr. Nitin Sharma, Head of Partnership (India)
- Prof. Luke Bereznicki, Associate Dean Learning & Teaching, College of Health & Medicine
- Ms. Caroline Gray, Director of Strategy & Business Development, College of Health & Medicine

Representatives from GTU:

- Dr. K. N. Kher, Registrar, GTU
- Dr. Pankajray Patel, Director & Professor, GTU School of Management Studies
- Dr. Keyur Darji, Director, DIR, GTU



Meeting with Delegation from Indian Council for Cultural Relations

Date: 20th July 2024

Name of Delegates:

- Smt. Anju Ranjan (IFS) - Deputy Director General, Indian Council for Cultural Relations to Gujarat
- Mr. Surender Kumar, Programme Officer, Indian Council for Cultural Relations

Representatives from GTU:

- Dr. Pankajray Patel, Director & Professor, GTU School of Management Studies
- Dr. Keyur Darji, Director, DIR, GTU:



Visit of Additional Secretary (Development Partnership Administration-II & IV), Ministry of External Affairs, Government of India

Date: 23rd July 2024

Name of Delegates:

- Shri Viraj Singh (IFS)-Additional Secretary (Development Partnership Administration-II & IV), Ministry of External Affairs
- Mr. Ravish Shah - Head - International Cooperation & New Initiatives, RRU

Representatives from GTU:

- Dr. K. N. Kher, Registrar, GTU
- Dr. Keyur Darji, Director, DIR, GTU
- Prof (Dr.) S.D. Panchal, Director, GTU-SET
- Dr. S. N. Pandya - Member of Academic Council & Professor, VGEC
- Dr. Tushar Panchal, CEO, GISC-GTU Incubator
- Dr. Mihir Shah and Mr. Rahul Bhagchandani, Advisors, GISC, GTU



Meeting with Delegation from Virginia Commonwealth University, USA

Date: 8th August 2024

Name of Delegates:

- Dr. Jill E. Blondin, Ph.D., Associate Vice Provost for Global Initiatives
- Dr. Garret Westlake, Associate Vice Provost for Innovation; Executive Director; Professor of Product Innovation

Representatives from GTU

- Dr. Rajul K Gajjar, Honorable Vice Chancellor, GTU
- Dr. Keyur Darji, Director, DIR, GTU
- Dr. Monali Prajapati, SSIP Coordinator and Research Advisory Committee Convener, Government Polytechnic Gandhinagar



Meeting with Delegation from USA

Date: 14th August 2024

Name of Delegates:

- Ms. Brenda Soya, Director Public Diplomacy, U.S. Consulate General, Mumbai
- Ms. Tejal Vasavda, State Vice-President, Gujarat Skill Development Council

Representative from GTU

- Dr. Keyur Darji, Director, DIR, GTU



Meeting with Delegation from USA

Date: 23rd August 2024

Name of Delegates:

- Mr. Rob Anderson, Public Diplomacy Officer (Cultural Affairs officer and Dosti House Chief)
- Ms. Tejal Vasavda, State Vice-President, Gujarat Skill Development Council

Representative from GTU

- Dr. Keyur Darji, Director, DIR, GTU



Meeting with Delegation from University of Wollongong, Australia

Date: 24th September 2024

Name of Delegates:

- Ms. Marisa Mastroianni, Group Chief Executive Officer and Managing Director, UOW Global Enterprises
- Ms. Kath McCollim, Executive Director, Global Student Recruitment, UOW Global Enterprises
- Mr. Nimay Kalyani, Campus Director, UOW India

Representatives from GTU

- Dr. Rajul Gajjar, Honorable Vice Chancellor, GTU
- Dr. Keyur Darji, Director, DIR, GTU



Submitted by –

Dr. Keyur Darji, Deputy Registrar, GTU

SECTION - VII

INNOVATION & ENTREPRENEURSHIP

GTU VENTURES

Established in 2010 by Gujarat Technological University, the **GTU Innovation Council (GIC)** has been instrumental in fostering a vibrant innovation ecosystem across Gujarat. Over the past 14 years, GIC has successfully nurtured a culture of innovation, entrepreneurship, and startup development, seamlessly integrating these principles into academic and industrial sectors. Through its diverse programs, GIC empowered students, faculty, and aspiring entrepreneurs with mentorship, skill-building opportunities, and resources, transforming innovative ideas into thriving ventures. By connecting academia, industry, and government, GIC played a key role in positioning Gujarat as a leading hub for startups and innovation.

In 2024, building on this strong foundation, the **GTU Innovation Council evolved into GTU Ventures**, marking a bold step forward in advancing Gujarat Technological University's innovation landscape. GTU Ventures consolidates all innovation and startup initiatives under one unified platform, streamlining access to resources, mentorship, funding, and industry networks. Adopting a venture-driven approach, it provides end-to-end support for startups—from incubation to scaling—while fostering industry collaborations and empowering entrepreneurial talent. With a focus on research commercialization and strategic investment, GTU Ventures ensures groundbreaking ideas evolve into impactful, market-ready solutions, driving sustainable growth and solidifying Gujarat's leadership in the innovation ecosystem.

Incubation Team

The GTU Ventures serves as a dynamic hub for creativity, innovation, and entrepreneurship, driven by a dedicated team of professionals and skilled staff working across Gujarat, including key regions like Ahmedabad, Mehsana, Rajkot, Vadodara, and Surat. With expertise spanning business development, technology commercialization, and startup mentorship, the team collaborates seamlessly with diligent administrative and operational staff to execute activities such as event organization and funding program management. Together, they foster innovation, support startups at all stages, and ensure the effective implementation of key government initiatives and funding schemes like SSIP, TBI, SISFS, AIM, MSME, and Startup Gujarat. Their collective efforts have transformed ideas into impactful solutions, streamlined processes, and built a robust ecosystem, establishing GTU as a leader in the startup domain and a key enabler of entrepreneurial success.

Key Verticals Driving Innovation

The success of the GTU Venture is underpinned by its well-structured verticals, which form the foundation of its initiatives:

- **AIC-GISC Foundation:** Supported by the Atal Innovation Mission (NITI Aayog), this vertical facilitates startup growth through incubation and seed funding, with a specialized focus on biotechnology and allied life sciences.
- **GISC-GTU:** Serving as the central hub for innovation and startup activities through DST's Technology Business Incubator and Startup Gujarat, it fosters a culture of creativity, entrepreneurship, and problem-solving.
- **Design Innovation Centre (DIC):** Dedicated to advancing innovation through design thinking and prototyping, it plays a pivotal role in patent filings and skill development initiatives.
- **Intellectual Property Facilitation Centre (IPFC):** Provides essential support for protecting intellectual property, enabling innovators to secure patents, trademarks, and other intellectual assets.
- **IDEALab:** Bridges academic knowledge with practical applications by promoting real-world problem-solving through advanced technological tools and project-based learning.
- **Community Innovation & Co-Creation Centre (CiC3):** Encourages collaborative innovation by engaging diverse stakeholders in prototype development across key domains such as manufacturing, electronics, and ICT.
- **Robocon:** An annual international robotics competition organized by the Asia-Pacific Broadcasting Union (ABU) for the Asia-Pacific region. The GTU ROBOCON Team consists of students from various GTU-affiliated colleges who collaborate each year to compete for the championship.
- **Motorsport:** GT Motorsports provides students the chance to showcase their passion for automobiles by designing and fabricating 4-wheeled, single-seated all-terrain vehicles, encouraging innovation and hands-on learning in the

automotive field.

- **MBA-IEV:** The MBA in Innovation and Entrepreneurship (IEV) program focuses on equipping students with the skills and knowledge to lead in the ever-evolving business landscape, emphasizing creativity, strategic thinking, and entrepreneurial ventures. It fosters a dynamic learning environment for those aspiring to drive innovation and growth



Overall Impact

- Supported **758 startups**, driving entrepreneurship and innovation.
- Facilitated **Rs. 114 crore in revenue generation**, boosting economic growth.
- Granted **102 patents**, turning innovative ideas into intellectual property.
- Achieved a **Rs. 261 crore valuation of startups**, showcasing their market success.
- Raised **Rs. 25 crore in funding** and sanctioned **Rs. 22.8 crore** to support startups.
- Sensitized **440,000 individuals**, fostering a culture of innovation and entrepreneurship.
- Conducted **630+ programs and events**, creating platforms for learning and collaboration.
- Created **4,100+ jobs**, contributing to employment generation and societal progress.
- Enabled **45% of supported companies** to achieve **proof-of-concept (PoC)** milestones.
- Helped **22 startups transform into multinational corporations (MNCs)**, making a global impact.
- Played a key role in **turning groundbreaking ideas into impactful solutions** and ventures.
- Focused on **research, collaboration, and resource mobilization**, driving innovation initiatives.
- Transformed **concepts into patents** and **innovators into global leaders**.
- Established itself as a **dynamic hub of transformation** and a **catalyst for progress** in the innovation landscape.

Impact in the Year 2023-24

The GTU Ventures has been a pivotal force in fostering the growth of startups through a variety of funding and support policies.

- GISC provided mentoring supports to 390 startups.
- Offered showcase opportunities to 278 startups in different state and national level events ventures and extended targeted support to 110 women-led startups.
- GIC received grants totalling Rs. 170 lakhs, contributing significantly to the ecosystem's growth.
- GIC supported Startups generated an impressive cumulative revenue of Rs. 780 lakhs, underscoring the centre's role in enhancing entrepreneurial success.

In addition to monetary support, specialized assistance such as mentoring programs, incubation facilities, and event organization has helped startups achieve innovation milestones. These contributions highlight GIC's commitment to

Startup Success Stories

- **Yhonk Tech Pvt Ltd.**



YHonk Tech Pvt Ltd. has achieved a remarkable milestone by securing the **2nd Prize** in the Environment & Sustainability category at the prestigious **Himalayan Startup Trek '24**, hosted by IIT Mandi. This accomplishment underscores the company's dedication to innovation and sustainability, as it addresses critical environmental challenges through groundbreaking, tech-driven solutions. Competing against some of the most innovative startups in the country, YHonk Tech stood out for its impactful approach and alignment with global sustainability goals. This achievement reflects the team's vision and hard work, positioning YHonk Tech as a leader in environmental stewardship and sustainability.

Makenbreak Spiele Pvt Ltd., an incubated startup led by CEO Ms. Mansi Gupta, has achieved significant milestones, including securing an INR 50,00,000 investment from Nilon's Pickles through their impressive pitch on *The Lions' Den* funding game show, aired around Diwali. Additionally, the startup won the First Prize for Innovative Excellence at TiE Ahmedabad's Startup Competition, competing against 250 participants. Ms. Gupta's exceptional leadership has also earned her selection into the prestigious TiE Women's Program, highlighting her as a global leader in the startup ecosystem. These achievements showcase Makenbreak's innovative approach and its potential for meaningful global impact.



- **Makenbreak Spiele Private Limited**



SynerSense Pvt Ltd. marked a monumental achievement as its product was officially launched by the Honourable Chief Minister of Gujarat during the Vibrant Gujarat Pre-Summit on Biotechnology. This prestigious platform provided SynerSense Startups with the opportunity to showcase its innovative solution, further cementing its position as

a key player in the biotechnology sector. The launch, graced by the state's leadership, reflects the startup's commitment to driving impactful advancements in the biotech field and its growing influence within the innovation ecosystem.

- **SynerSense Pvt Ltd.**

BillionCarbon, an innovative startup incubated at AIC-GTU, achieved a significant milestone by winning a \$5,000 prize at the Women in Climate Tech Accelerator organized by UNESCAP. Held in Bangkok, the event provided an exceptional platform for the startup to showcase its breakthrough innovation aimed at climate sustainability. At the accelerator, BillionCarbon presented a cutting-edge solution addressing critical environmental challenges, with a focus on sustainable practices and low carbon emissions. The pitch session was conducted before esteemed representatives from the United Nations and the Asia-Pacific (APAC) region. This global stage not only validated the startup's innovation but also brought it into the spotlight, opening doors for future collaborations and scaling opportunities.



• **Infitron Advanced Systems**

In a groundbreaking achievement, Ahmedabad-based Infitron Advanced Systems has developed a state-of-the-art anti-drone system that is revolutionizing security protocols in Gujarat. Deployed by Gandhinagar Police for the visit of Prime Minister Narendra Modi, the system is designed to neutralize drones within a 5-kilometer radius. The advanced technology, featuring radar and AI-powered capabilities, can detect drones up to 45 kilometres away. This cutting-edge security solution, previously used during major events like the ICC India-Pakistan match and Jagannath Rath Yatra, is now set to bolster safety across Gujarat.



Key Achievements and Events by GTU Ventures

- **Sankul Day**
 - Celebrated annually on 14th February to honour student innovators (Innovate to Impact - i2i), community-driven innovation (iScale), and pedagogical interventions (PIA).
 - Over 200 awards have been distributed across the three categories since 2010.
- **Spark Social (20th April 2024)**
 - Organized by GTU Ventures in collaboration with Tata Social Enterprise Challenge (TSEC), a joint initiative by Tata Group and IIM Calcutta.
 - Focused on promoting awareness and engagement in social entrepreneurship.
- **We Pitch Competition 2024 (2nd August 2024)**
 - Held at GTU Chandkheda Campus in partnership with Womennovator.
 - Platform for women entrepreneurs, MSMEs, and social activists to showcase innovations.
 - Participants received mentorship, feedback, and incubation support.
- **National Space Day (23rd August 2024)**
 - Celebrated with a poster competition titled "Space Saga: Touching Lives while Touching the Moon – India's Space Saga."
 - Aimed to inspire interest and awareness in space exploration.
- **GTU Internal Hackathon 2024 (5th - 6th September 2024)**
 - Fostered innovation, creativity, and problem-solving among students.
 - Participants collaborated to create tech-driven solutions for real-world challenges.
- **Startup Fest Gujarat 2.0 (20th - 21st October 2024)**
 - Organized by GTU Ventures and Sneh Shilp Foundation at Science City, Ahmedabad.
 - Brought together startups, investors, and industry leaders for networking and showcasing innovations.
- **National Startup Day (16th January 2024)**
 - GISC Vadodara hosted an event focused on "Scaling Success Strategies."
 - Engaged 24 startups for networking and collaboration.
- **Mission LiFE – Lifestyle for Environment (28th February 2024)**
 - Event on solid waste management emphasizing sustainable living and resource conservation.
- **Maker Fest Vadodara (3rd - 4th February 2024)**
 - Hosted a startup showcase featuring 50+ startups, celebrating creativity and innovation.
- **Startup Adhyay**
 - Workshop series designed to inspire innovative ideas and equip entrepreneurs with practical tools.
 - Focused on three pillars:
 - Soch (Thought): Encouraging innovative thinking.
 - Samvaad (Communication): Fostering meaningful discussions with experts.
 - Sanrachana (Creation): Helping participants build impactful organizations.

- **SOCHO-Startup Initiative**
 - Regional and national startups share insights with students and academia.
 - Aims to ignite thoughts, foster communication, and encourage creation.
- **Design Innovation Centre (DIC)**
 - RGET LAB startup received the "Best Innovation Startup of Gujarat" award (October 2024).
 - DIC Coordinator won the "GEMs of Mentor India" award (May 2024).
 - Organized 24 workshops/events, 11 boot camps, and impacted 85,476+ individuals in AY 2023-24.
 - Filed 30 patents, published 1 research paper, and conducted 3 collaborative research projects.
- **GTU IDEALAB Achievements**
 - Hosted internships and boot camps, resulting in two patents and two research papers.
 - Received the "Best Emerging IDEALAB" award in September 2023.
- **Community Innovation & Co-Creation Centre (CiC3)**
 - Promotes co-innovation with ecosystem stakeholders.
 - Provides infrastructure for developing functional prototypes in manufacturing, electronics, and ICT.
- **GTU ROBOCON Achievements**
 - Secured 10th place in National ROBOCON 2024 at IIT Delhi.
 - Won 3rd place in International Robowar Competition at IIT Gandhinagar (December 2023).
 - Design patent granted to GTU ROBOCON team members in April 2024.
- **CiC3 Achievements**
 - Team GreenTech Water Distiller won the Smart India Hackathon Grand Finale 2023 national title.
 - Six teams from GTU were shortlisted for the 2024 finale.

Strengthening Collaborations: MoUs Driving Innovation and Growth

- Venture Centre Pune on 14th June 2024.
- Innovation and Incubation Hub MNNIT Foundation (IIHMF) on 15th October 2024.
- LMCP
- DPIIT (Department for Promotion of Industry and Internal Trade) (Star)

Paving the Future: Driving Innovation, Excellence and Collaboration

- Motorsport Revamp
- Strengthen Regional Ecosystem
- Student Academic Achievement
- Young Innovator Program (in collaboration with UNICEF)
- Advanced Lab Setup on Semiconductor (in partnership with ICICI Foundation)
- Emerging Centre of Excellence (CoE)/Lab on AI/ML

Submitted by:

Dr. Mihir Shah, Advisor, GTU Ventures

Dr. Tushar K. Panchal, Group CEO, GTU Ventures

SECTION - VIII

SPORTS, CULTURAL & MAJOR ACTIVITIES

Sports, Co-Curricular & NSS Activities

SPORTS ACTIVITIES

• AIU Swimming (Diving) Championship 2024

GTU students competed in the All-India University competition at SRM, Chennai. Moreover, thanks to the diligent efforts of the players and the guidance of the coach and manager, GTU student Miss Ashna Chevali won the gold medal in the All-India Swimming (Diving) 1 mtr. and 3 mtr. event competition.



• AIU Woodball (Men/Women) Championship 2024

GTU students participated in the All-India University woodball (M/W) competition, which took place at JNCT Professional University, Bhopal. GTU Boys & Girls team won a total of 19 medals.

National Level Sports Achievements - 2024

Category	Medal Count
Gold	02
Silver	02
Bronze	20
Total	24

• 10th International Yoga Day



GTU enthusiastically celebrated the 10th International Yoga Day 2024 at the Chandkheda Campus. The Board of Governor Member Dr. Abhimanyu Samrat, Dr. Pankajray Patel-(I/C) Vice Chancellor, Dr. K N Kher-Registrar, Dr. Akash Gohil-Sports Officer, officers, employees, and students of GTU participated.



• Basic rock-climbing training camp – 2024

GTU organized a 10-day "Basic Rock-Climbing Training Camp" from 10th February 2024 to 19th February 2024 for 10 days. 91 students from GTU-affiliated institutions from various districts of Gujarat enthusiastically participated in the Basic Rock climbing training camp.



• GTU Elocution Competitions - 2024

GTU organized Inter College Oratory Competition 2024 under "Viksit Bharat@2047: Voice of Youth" at Chandkheda Campus. 43 students from GTU-affiliated colleges participated enthusiastically. The competition's winners received certificates and prize money as encouragement.



CULTURAL & OTHER ACTIVITIES

• West Zone Youth Festival Championship 2023-24

Students from GTU participated in the West Zone Youth Festival competition in Nagpur, Maharashtra, where they secured the 1st rank in Western Instrumental (Solo) and the 5th rank in Group Song (Indian) within the music competition category. Participation in such competition, achieving a recognized rank and winning a trophy in the inter-zonal cultural competition is very encouraging for students involved in technical education.



• 75th Republic Day Celebration

GTU celebrated the 75th Republic Day of India with immense enthusiasm and patriotic fervour at the GTU Chandkheda Campus. Shri V.S. Gadhvi (Retired IAS Officer & Ex. Chief Information Commissioner of Gujarat) graced the occasion as the chief Guest. All dignitaries, staff and faculty members participated in "Bharat Mata Puja".

• Har Ghar Tiranga Abhiyan

As part of “Har Ghar Tiranga Abhiyan”, the university distributed national flags to its staff and students on 14th August 2024. The GTU staff enthusiastically participated in this program, and all of them took a resolution that they would hoist the national flag at their residence on 15th August 2024.



• Celebration of Independence Day - 2024

GTU celebrated India's Independence Day with great enthusiasm and patriotic fervour. All students, staff, faculty members, and their family members participated in the Independence Day celebrations and performed "Bharat Mata Poojan". Distinguished guest Dr. Subhash Soni, Chief Information Commissioner of Gujarat, graced the program.

• Shilp Aarambh Gift City Run-2024 Season 2

The Shilp Aarambh Gift City Run-2024 Season 2 “Run for a Cause: Drug-Free Future” event at Gift City, Gandhinagar, organized on 18th February featured GTU as an education partner. More than 10000+ people joined the Shilp Aarambh Gift City Run-2024 for a drug-free future. PEFI managed a beautiful marathon, as well as 10 km & 5 km races.



• Personality Development Training Camp



• Folk Dance Training Camp



• Drama training Camp – 2024



N.S.S. / N.C.C. ACTIVITIES

• National Youth Festival 2024

The Ministry of Sports & Youth Affairs organized the National Youth Festival 2024, which took place in Nasik, Maharashtra, from January 12th to July 2024. The annual festival brings together youth from all over India to celebrate, compete, and engage in various activities.



• Swavlambi Bharat Abhiyan Program

GTU in collaboration of Swavlambi Bharat Abhiyan Gujarat State organized the "Swavlambi Bharat Abhiyan Program" on 30th January 2024. The aim of this program was to provide a platform and spread awareness among students and unemployed youth about job opportunities, self-employment, and entrepreneurship.

• NSS Volunteers and Staff Participated in Blood Donation Camp

On 18th January 2024, Raj Bhavan in Gandhinagar hosted a blood donation camp to commemorate the birthday of Honourable Governor Acharya Devvratji. NSS Volunteers, PG Schools students, and staff of GTU donated blood in the camp.



• Youth Parliament: Youth Vision @2047

The zone-level "Youth Parliament: Youth Vision @2047" was organized on 23rd February, and the GTU Campus hosted it on 4th March 2024. The event aimed to make youth aware of parliamentary procedures, societal problems, and how they can contribute to solving public issues and forming their opinions. The final round involved 17 students who qualified from a competition across five zones of GTU. Following the final round, all participating students advanced to the state level.

• National Integration Camp 2024

The National Service Scheme (NSS) has initiated the National Integration Camp (NIC) as a significant initiative to foster national integration and enhance young people's understanding of India's diverse cultures. These camps play a crucial role in demonstrating 'Unity in Diversity' and promoting the vision of 'Ek Bharat, Shreshta Bharat'.



• GTU NSS Team Performed Cultural Program at NFSU

GTU NSS volunteers participated and performed a cultural program at the National Forensic University (NFSU) in Gandhinagar during the visit of the Central Asian Youth Delegation on 7th March 2024.



• Voter Awareness Program organized at GTU Campus

GTU signed a MoU with the Collector and District Election Office in Ahmedabad. This collaboration aimed to create a platform to motivate, educate, and encourage the youth to participate in voter awareness programs through various activities. As a part of this, GTU organized the "Voter Awareness Programme" on 21st March 2024.



• Sainik Welfare Fund 2024-2025

GTU, through its National Service Scheme (NSS) and affiliated NSS Unit, successfully collected an impressive sum of Rs. 4,47,033 for the "Sainik Welfare Fund". The university community has submitted this substantial amount to the Collector's Office in Ahmadabad, demonstrating their commitment to supporting the welfare of soldiers and their families.



• GTU Launches DigiLocker for NSS Volunteers: Advancing Digitalization Efforts

GTU has made a significant stride toward digitalization by implementing Digilocker, a government-endorsed digital storage service, to facilitate National Social Service (NSS) volunteers in obtaining their activity certificates. Moreover, GTU is the first university in Gujarat to have uploaded the maximum number of NSS volunteers' certificates to DigiLocker. GTU's commitment to leveraging technology for student benefit is evident as it provides this facility for the first time to students involved in NSS activities.

• Best GTU NSS Award

On GTU's 17th Foundation Day, 2 NSS Program Officers and 2 NSS Units of GTU Affiliated Colleges received Best GTU NSS Awards. NSS Program Officers who excel in college social service and community development received this coveted award. The NSS Award recognizes volunteers' and POs' contributions to community welfare, health, education, and environmental awareness projects.



• Ek Ped Ma Ke Naam Abhiyaan

In the 111th broadcast of "Mann Ki Baat", Prime Minister Narendra Modi unveiled a special campaign titled "एक पेड़ माँ के नाम" (Ek Ped Ma Ke Naam) on World Environment Day. On 15th August 2024, 150 teaching and non-teaching personnel from GTU Campus participated in the campaign planting 78 Plantation/Sample to save and cure Mother Nature.

• GTU-NSS team participated in State NSS Day Celebration at Gujarat University, Ahmedabad

GTU-NSS organized a pre-selection process on 19th September 2024, at the GTU Campus for various events to participate in the NSS State Day at Gujarat University, Ahmedabad. The events included essay writing, elocution, poetry recitation, music, garba, solo acting, rangoli, and shlok competitions.



Submitted by –
Dr. Akash Gohil, Sports Officer, GTU

MAJOR ACTIVITIES

Conference on Zero Waste Management for Sustainable Future on 13th February 2024

An International Symposium Conference on Zero Waste Management for a Sustainable Future was organized on 13th February 2024 at GTU. Various experts were present in the event for panel discussion along with 120 participants.



Interactive Session on Global Perspectives on Intellectual Property Rights and Innovation on 13th February 2024

An interactive session on the "Global Perspectives on Intellectual Property Rights and Innovation" was held on 13th February 2024 at GTU. International experts Mr. Erik Van Der Vyver and Mr. Rowan Joseph, IP Attorneys from Von Seidels, Cape Town, South Africa delivered the sessions.

Visit of Ms. Marry Kom at GTU on 14th February 2024

Ms. Marry Kom, former Indian Olympic boxer, former Member of Parliament, 2012 London Olympic Medallist, 6th Times AIBA Women's world Champion visited GTU on 14th February 2024 and appreciated GTU's achievements and progress.



FDP in Collaboration with Micron Technology on 15th May 2024

GTU-ITAP organized a Faculty Development Program in collaboration with Micron Technology on 15th May 2024 the faculty members of GTU affiliated colleges. GTU is planning to offer an elective course on "Fundamentals of Semiconductor Package Manufacturing & Test" in 6th semester for the relevant branches of Bachelor of Engineering program jointly with Micron Technology, a leading semiconductor company, setting up its facility at Sanand.

17th Foundation Day Celebration on 16th May 2024

Gujarat Technological University (GTU) celebrated its 17th Foundation Day on 16th May 2024 with the theme "Developed India Mission @2047". The event was marked by great zeal and included a series of activities highlighting the university's achievements, innovations, and its ongoing commitment to excellence in technical education, innovation, and research. The celebration was graced by the presence of esteemed guests, including Shri Raghuveer Choudhary, Padma Shri Awardee-2024 (Literature & Education), Prof. Rajive Kumar, Hon'ble Member Secretary AICTE, New Delhi, Dr. Harshadbhai Patel, Hon'ble Vice Chancellor, Gujarat Vidyapith, Ahmedabad, Shri Sandeep Engineer, Sr. Vice President, GCCI and Founder of Astral Pipes Ltd, Dr. Rajul K Gajjar, Hon'ble Vice Chancellor, GTU and Dr. K.N. Kher, Registrar, GTU.



Fifth Review Meeting for Gujarati Edition of Pre-published Comprehensive Glossary, Engineering (English-Hindi) from 13th to 17th May 2024

Fifth Review Meeting for Gujarati Edition of Pre-published Comprehensive Glossary, Engineering (English-Hindi) at GTU, Chandkheda Campus from 13th to 17th May 2024 for the Gujarati edition of the pre-published Comprehensive Engineering Glossary (English-Hindi) at GTU, Chandkheda Campus.



Green Hydrogen Workshop

GTU successfully organized a Green Hydrogen Workshop from September 6th to 9th September 2024, in collaboration with the Hydrocarbon Sector Skill Council (HSSC) and Indian Oil Corporation (IOC). More than 100 students participated in this comprehensive 32-hour, one-credit training course.

Smart India Hackathon 2024 in Collaboration with SAC-ISRO on 11th December 2024

The 7th Smart India Hackathon (SIH) 2024, hosted by Gujarat Technological University (GTU) in collaboration with SAC-ISRO, featured 339 participants tackling diverse problem statements with ISRO's support. Distinguished guests, including Prime Minister Narendra Modi, engaged with participants. GTU and its colleges showcased 19 teams at various nodal centers, emphasizing innovation and talent development.



A Roundtable meeting on Paving the Future Innovations and Challenges in Renewable Energy on 21st December 2024

Gujarat Technological University (GTU) hosted a Roundtable Meeting on Renewable Energy on 21st December 2024, bringing together industry experts, academicians, government officials, and thought leaders to discuss the future of renewable energy and its role in addressing the global energy crisis.

Academic Pioneers: GTU at the Forefront of State and National Forums



The 29th edition of the elets World Education Summit 2024 highlighted innovation in education, bringing together prominent leaders like Dr. Rajul K. Gajjar, Vice Chancellor of GTU, and other key decision-makers. This summit fostered dialogue on the future of academia, partnerships, and advancements in educational strategies.

GTU participated in the Faculty Regulation Drafting organized by AICTE on September 6th, 2024, hosted by COEP Technology University and on 25th September hosted by Rajiv Gandhi Proudlyolgiki Vishwavidhyalaya. Our esteemed Vice-Chancellor served as the Guest of Honour, showcasing GTU's commitment to academic excellence.



On 13th-14th September, the Registrar, GTU and Director, GTU-SAST participated in the ABC Credit System Workshop. Dr. K. N. Kher Sir delivered a talk on NEP Implementation at GTU.

VISHWAKARMA YOJANA

The Vishwakarma Yojana Project aims to enhance rural amenities across Gujarat. Its goal is to develop villages that embody a "rural soul" while offering the urban conveniences typically found in cities.

• About Vishwakarma Yojana:

In the 2012-13 academic year, the Commissionerate of Technical Education awarded GTU a grant of over Rs. 10.80 Crore for the Vishwakarma Yojana Project. This initiative enables students to gain hands-on experience in rural development, benefiting 1,848 villages, including those under the MGNREGA initiative. GTU has successfully completed 11 project phases and is currently preparing for Phase XII, which commences in the A.Y. 2024-25. The project is supervised by Honorary Director Prof. (Dr.) Jayesh Deshkar, with valuable contributions from a dedicated Core Committee including Prof. (Dr.) Jigar Sevalia, Prof. Y.B. Bhavsar, Prof. (Dr.) K.L. Timani, Prof. (Dr.) Rena Shukla, Prof. Jagruti Shah, Prof. Mridul Seth, and Ms. Darshana Chauhan.



• Project Highlights:

The Vishwakarma Yojana provides students with real-world experience in rural infrastructure development while earning a stipend. The process starts with an orientation program for preparing a Development Project Report (DPR) and collecting village data. It includes technical workshops and approvals from the Academic Council Committee. An awards ceremony celebrates top achievements in "Best Village Development" and "Best Village Documentary Film" among 52 participating degree and diploma colleges.

The orientation program for Phase XII and the awards ceremony for Phase X projects was organized on September 24, 2024. Prof. (Dr.) Jayesh Deshkar welcomed dignitaries from GTU-affiliated colleges and discussed the project's objectives. Dr. K.N. Kher, GTU Registrar, offered insights and a warm welcome. Prof. (Dr.) Rena Shukla explained the selection process, noting that 9 out of 52 project reports were shortlisted for awards. Chief guest Mr. Parag Bhagdev, IAS, emphasized the importance of human values and skill enhancement in engineering and academia.



Honorable Vice Chancellor Dr. Rajul K. Gajjar emphasized the project's significance, stating it enables students to develop their skills alongside their technical expertise. After announcing the awards for best projects and documentaries, she congratulated the students and nodal officers for their dedication to the Vishwakarma Yojana, expressing pride in their contributions.

The award-winning students and their nodal officers shared their experiences, discussing their collaborative efforts to enhance village amenities.

- **Best Village Report (Degree Colleges):** Sigma Institute of Engineering, Rasulabad Village, Neotech Institute of Technology, Gokalpura Village Government Engineering College, Palanpur, Antroli Village.
- **Best Village Report (Diploma Colleges):** Government Polytechnic, Godhra, Dalvada Village, Tapi Diploma Engineering College, Dhatva Village, Atmiya Institute of Technology, Kothariya Village.
- **Best Village Documentary Film (Degree Colleges):** Gujarat Power Engineering and Research Institute, Nanidau Village, Government Engineering College, Jadura Village, Narnarayan Shastri Institute of Technology, Umiyapur Village.
- **Best Village Documentary Film (Diploma Colleges):** Tapi Diploma Engineering College, Dhatva Village, Atmiya Institute of Technology & Science for Diploma Studies, Kothariya Village, Noble Group of Institutions, Padariya Village, HJD Institute of Technical Education and Research, Ramaniya Village.



Award-winning students and nodal officers shared their project experiences. Ms. Darshana Chauhan offered technical insights for Phase XII, while Prof. Mridul Seth thanked the dignitaries for their support. The orientation program concluded with a Q&A session and further guidelines from GTU staff.

Submitted by –

Prof. (Dr.) Jayesh Deshkar, VY-Honorary Director

Prof. Mridul Seth, Assistant Professor, GTU-SET

Ms. Darshana Chauhan, AAO, GTU

SECTION - IX

VARIOUS CELLS & COMMITTEES

INTERNAL QUALITY ASSURANCE CELL (IQAC)

The IQAC of the university strives to develop and enhance academic and administrative practices in order to achieve excellence. IQAC has a mandate for creating an academic environment for promotion of the quality of teaching, learning, and research in the university, its constituent colleges, as well as its affiliated colleges. This cell ensures effective and transparent operations to achieve good governance, transparency, accountability, and credibility in consonance with national and international standards.

ACTIVITIES OF IQAC

Technology Transfer Summit (TTS) 2024:

GTU organized Technology Transfer Summit 2024 (Research to Revenue) on 19th April 2024. Most of the participants were from academia, including faculty and students, who had registered their intellectual properties in the form of files, publications, and grants. The summit featured the registration and display of around 54 different technologies. GTU has declared policy and established the office of TTS.



Interaction Webinar with the winners of AICTE National Teachers Award on 11th June, 2024:

The aim of the webinar was to provide a guidance and vision from the winners who received the Award during 2020 and 2023. Dr. Satya Ranjan Acharya, Professor, Entrepreneurship Development Institute, Dr. Tejal Gandhi, Principal, Aanad Pharmacy College, Ms. Zankhana D. Mehta, Lecturer, Government Polytechnic, Shri Indranath Sengupta, Professor, IIT Gandhinagar were the expert speakers of the webinar.

Awards and Achievements

Through IQAC's efforts, Gujarat Technological University received various awards and achievements. The details are mentioned in Awards and Achievement section of the report.

- The Economic Times Education Excellence Awards 2024
- Green Audit and Accreditation
- National Institute Ranking Framework (NIRF) 2024
- Times All India Annual Engineering Institute Ranking Survey-2024
- India Today's MDRA (Marketing and Development Research Associates) Ranking

NEW INITIATIVE

Establishment of AIU Academic and Administrative Development Centre (AADC):

The Association of Indian Universities (AIU) and GTU have signed a Memorandum of Understanding (MoU) to establish the AIU-AADC (Academic & Administrative Development Centre) at GTU. The purpose of this centre is to organize short-term advanced training and capacity-building programs for faculty members and administrative staff at universities and other HEIs. AIU will provide a one-time financial grant of Rs. 2 lakhs to help establish the centre. To execute all the programs and FDPs in this centre, GTU has formed a committee as per the requirements of AIU.

STATISTICS OF THE SCHEMES

Statistics related to different schemes of IQAC GTU			
Name of Scheme	Cycle Number	Grant Sanctioned	No. of Faculties Benefitted
RPS-MRP Scheme	2 nd Cycle	Rs. 11,65,000/-	51 from 20 Affiliated Institute
Speed Money Scheme(SMS)	7 th Cycle	Rs. 10,50,000/-	12 from GTU Schools & GPERI
Financial Assistance Scheme for Teachers (FAST-RPP)	3 rd Cycle	Rs. 2,40,000/-	17 from GTU Schools & GPERI
Financial Assistance Scheme for Teachers for Conference/FDP/Workshop Participation	3 rd Cycle	Rs. 4,03,976/-	05 from GTU Schools & GPERI
Staff Recognition Scheme (SRS)	4 th Cycle	Rs. 80,000/-	14 from GTU Schools & GPERI
Administrative Staff Appreciation Policy (ASAP)	Best Section: Rs. 60,000/- awarded to 6 sections Best Employee: Rs. 85,000/- awarded to 17 employees		

Submitted by –

Dr. Pankajray Patel, Head, IQAC-GTU & Professor & Director, GTU-SMS

Dr. Kaushal Bhatt, Coordinator, IQAC-GTU & Associate Professor, GTU-SMS

GTU ALUMNI ASSOCIATION

GTU Alumni Association (GTUAA) is registered (vide registration number Guj/21307/Ahmedabad) under the society's registration act, 1860, and as a trust (vide registration number Guj/20889/Ahmedabad) under the Gujarat Public Trust Act, 1950.

The GTU Alumni Association is engaged in various activities and initiatives during the year 2024.

- GTU Alumni Association provides a platform for graduates to stay in touch and maintain their ties to the university. Currently, the **alma mater** and student community connect more than 40,000 alumni members.
- 3rd Alumni Meet:** GTU Alumni Association (GTUAA) organized the 3rd Alumni Meet "**समवाय 2024**" at GTU, Ahmedabad on 4th February 2024, that was attended by around 350 alumni. To celebrate the alumni achievements, the GTU's Alumni Association took the new initiative of recognizing alumni achievers during this event. GTUAA felicitated 13 alumni for their achievements in research, industry, awards, and government jobs.
- Mentorship Programs:** The GTU Alumni Association has started **Re:START Program** to help women alumni with career breaks to prepare them to return to work in collaboration with Vaave, Hyderabad, and other esteemed organizations of India. Furthermore, GTUAA has initiated the **GTU Alumni Mentorship Program 2024 (GAMP)** to provide growth-oriented support to GTU students and alumni.



Submitted by –

Dr. Seema Joshi, Assistant Professor, GTU-SET

WOMEN DEVELOPMENT CELL VIDUSHI GARGI CENTRE FOR WOMEN DEVELOPMENT

GTU - Vidushi Gargi Centre for Women Development is constituted to extend an environment to contribute towards an inclusive growth of all, particularly women serving at the University. This centre aims to provide a safe and secure environment that empowers women through knowledge sharing, training, and aptitude-building exercises and programs.

Activities and Initiatives by Vidushi Gargi Centre for Women Development in 2024:

Sr. No.	Name of Activity	Description
1	Visit of different government Primary Schools for the awareness session as a knowledge partner with Wajra O' Force NGO	As part of this collaboration, female faculty members from various PG schools visited various government schools, including Elisbridge Primary School, Vasna Primary School, GGI Cantonment School, and Kathwada Primary School. These schools were adopted by the foundation to educate young girls on menstrual hygiene, awareness of anaemia, and the use of over-the-counter medicine.
2	International Women's Day celebration	Vidushi Gargi Centre for Women Development celebrated Women's Day on 4 th March on a theme of "Invest in Women, Accelerate Progress." Dr. Meera Ramnivas Verma (a retired IPS officer) and Dr. Neha Sharma (founder and director of Accelerate India) were present as chief guests, and Dr. Lavina Sinha (IPS, Ahmedabad) was the guest of honor.
3	Cyber Awareness: The Need of Gen Z	On 22 nd March 2024, the Information Security Education and Awareness (ISEA) Project II, C-DAC-HYD, MeitY, Government of India, organized an awareness session with the theme "Cyber Awareness: The Need of Gen Z."
4	Awareness regarding Women Safety at Various Places - Initiatives by City Police	The Vidushi Gargi Centre for Women Development organized a session on "Awareness regarding Women's Safety at Various Places: Initiatives by City Police" on 20 th July 2024, in collaboration with Suraksha Setu, Home Department, Gujarat State.
5	Tears to Triumph: A Journey of Hope with Dr. Shefali Desai	Dr. Shefali Desai conducted an awareness session on breast cancer for female staff, students, and faculty members on 30 th July, 2024.
6	Panel Discussion on Work-Life Balance for Women	On 19 th October 2024, a panel discussion on "Work-Life Balance for Women" took place. This session aimed to enhance awareness about balancing professional and personal lives, provide practical time management strategies, and recognize signs of stress. Dr. Shefali Desai, RJ Toshali, Prof. Vidya Vemireddy, Dr. Gitika Kharkwal, Dr. Nirali Patel, Ms. Hima Parikh, Dr. Sharada CV, and Dr. Hetal Shah participated as panelists in the discussion.



**Panel Discussion on Work Life Balance
for Women on 19th October 2024**



**Awareness Session for the
Government School Students**



International Women's Day Celebration on 4th March, 2024

**Submitted by –
Dr. Komal Borisagar,
Chairperson, GTU - Vidushi Gargi Centre for Women Development**

COMMITTEES AT GTU

Following committees have been constituted as per UGC/AICTE/State Government guidelines.

(A) Anti-Ragging Committee

Gujarat Technological University, Ahmedabad has constituted an Anti-Ragging Monitoring Cell as per the guidelines of University Grant commission, New Delhi and State Government. The details of members are as follows.

Sr. No.	Name	Designation	Email
1	Dr. A.B. Dhruv	Chairman	dhruv_30@rediffmail.com
2	Dr. Jignesh Amin	Member -Faculty Representative	prof_jignesh@gtu.edu.in
3	Dy. SP Reemaba Zala	Member - Civil Admin	rimazala20@gmail.com
4	Shri.Vishal Barot	Member - Non-Teaching Staff	ar_vishal@gtu.edu.in
5	Dr. S. K. Hadia	Member-Parents Representative	asso_s_k_hadia@gtu.edu.in
6	Dr. Kiran Parmar	Member	krparmar2006@yahoo.co.in
7	Dr. C.S. Sangvi	Member	cssanghvi@ldce.ac.in
8	Adv. Shubham Sharma	Member Secretary	legallofficer@gtu.edu.in
9	Mr. Rishabh Dipakkumar Patel	Member Student Representative	Rishabhpatel1709@gmail.com

- No complaint of Ragging has been received during the year.

Major Activities of Anti Ragging Committee

- University level seminar/ workshop were organized for the awareness about the prevention, prohibition and redressal of the ragging of students with the help of the NSS section of the Gujarat Technological University.

(B) Grievance Redressal Cell

University has constituted a committee to address faculty, GTU staff members, ex-faculty, college or any other person or institute's grievances as per the guidelines of the University Grant commission (Grievance Redressal Cell) Regulation, 2012. The Student Committee and University Grievance Redressal Committee are as follows.

Student Grievance Redressal Committee (SGRC)

Sr. No.	Name	Position held in Monitoring Cell	Contact Details
1	Dr. C. S. Sanghvi	Chairperson	cssanghvi@ldce.ac.in
2	Dr. Kiran Parmar	Member	krparmar2006@yahoo.co.in
3	Dr. U. V. Shah	Member	utpalvshah@gmail.com
4	Dr. Rupal Vyasa	Member	rupalvyasa@gmail.com
5	Dr. Bhaskar Iyer	Member	bhaskariyer2004@gmail.com
6	Mr. Aaishvary Prajapati	Special Invitee	dipuprajapati1234@gmail.com

University Grievance Redressal Committee (UGRC)

Sr. No.	Name	Position held in Monitoring Cell	Contact Details
1	Dr. Pankajray Patel	Chairperson	director@gtu.edu.in
2	Dr. A. M. Prabhakar	Member	aswin.prabhakar11@gmail.com
3	Dr. Tejal Gandhi	Member	gandhi.tejal@hotmail.com
4	Dr. Trupti Almoula	Member	s_almoula@yahoo.com
5	Dr. K. N. Kher	Member	registrar@gtu.ac.in
6	Ms. Khanak Bhatti	Special Invitee	bkhanak777@gmail.com

Additionally, GTU also has Right to Information (RTI) Section.

Submitted by –
Shubham Sharma, Legal Officer, Head of Grievance and RTI Section, GTU

SC-ST Cell

Gujarat Technological University, Ahmedabad has constituted SC-ST committee as per the guidelines of University Grant Commission, New Delhi. The details of members are as follows.

Sr. No.	Name	Position held in Monitoring Cell	Contact Details
1	Prof. P. H. Rana	Chairman	ranaph78@gmail.com
2	Dr. A. B. Dhruv	Liaison Officer	dhruv_30@rediffmail.com
3	Prof. M. N. Charel	Member Secretary	manishcharel@yahoo.com
4	Prof. M. K. Shah	Member	milindshah@vgecg.ac.in
5	Prof. U. L. Makawana	Member	ulmakawana@gmail.com
6	Prof. N.C. Chavda	Member	nareshc.chavda@gmail.com
7	Shri R. S. Damor	Member	rameshsvnit2010@gmail.com
8	Shri. Dipesh Makawana	Member	dipesh_ldic@yahoo.com
9	Shri. Bhavin Gayakwad	Member	ap_gsp_bhavin@gtu.edu.in
10	Shri M. N. Parmar	Member	ao@gtu.edu.in

Major Activities of SC-ST Cell

Committee has conducted regular meetings as per prescribed norms.

SEXUAL HARASSMENT AND MONITORING COMMITTEE (SHMC)

Gujarat Technological University, Ahmedabad has constituted a Monitoring Committee as per the guidelines of University Grants Commission (Prevention, Prohibition and Redressal of Sexual Harassment of women employees and Students in higher educational institutions) Regulations, 2015. The Committee is as per follow:

Sr. No.	Position	Name
1	Presiding Officer	CA. Chitralli Parmar, Internal Auditor
2	Member	Dr. Pankajray Patel, Director
3	Member	Dr. Seema Joshi, Assistant Professor
4	Member	Shri. Sumit N. Patel, Assistant Registrar
5	Member Secretary	Dr. Khushbu Batavia, Office Superintendent
6	Member from N.G.O	Ms. Shailaza Andhare, Stree Chetna, NGO
7	Students (If the matter involves students)	

Major Activities of SHMC

- Committee has conducted regular meetings as per prescribed norms.
- University level seminar/workshop were regularly organised for awareness of women employees with the help of Women Development Cell of the University.

Submitted by –

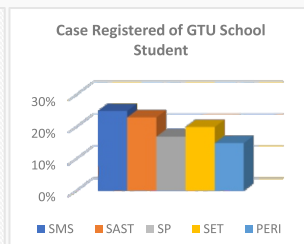
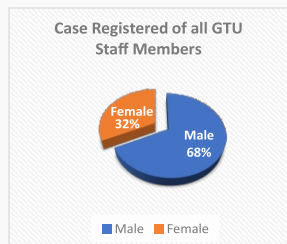
CA. Chitralli Parmar, Internal Auditor, GTU

SAMVAD- "THE HAPPINESS CENTRE"

The SAMVAD Centre has dedicated itself to promoting mental well-being within Gujarat Technological University community since its launch on 1st February 2022.

Major Activities of SAMVAD

- SAMVAD organized a series of five group sessions of play therapy focused on enhancing mental and physical well-being. These sessions fostered teamwork, strengthened coping mechanisms, and highlighted the importance of social support.
- SAMVAD also conducted numerous personality development workshops for students, offering valuable career counselling as part of its holistic approach to student support.
- SAMVAD Happiness Centre provided counselling services to GTU staff members, addressing individual needs through tailored therapeutic interventions. These include Cognitive Behavioural Therapy (CBT), positive therapy, and music therapy to help staff manage personal and professional challenges effectively.
- The Centre conducted well-being and mental health awareness workshops at GTU schools, including GSP, Gandhinagar and GPERI, Mehsana.
- SAMVAD organized weekly sessions at GTU schools. These sessions are focused on managing stress, exam-related anxiety, addiction, and other mental health issues
- SAMVAD Happiness Centre has conducted **142** counselling sessions, demonstrating a commitment to fostering mental well-being across the GTU community.



Submitted by:

Ms. Jitakshi Bhatt, Psychologist & Head, SAMVAD Centre, GTU

SECTION - X

ACHIEVEMENTS OF AFFILIATED INSTITUTES

No. of Programmes in the year 2024 for which NBA accreditation has been received

Sr. No.	College Code	College Name	No. of programmes
Faculty of Engineering			
1	61	Government Engineering College, Palanpur	1
2	28	L. D. College of Engineering, Ahmedabad	1
Faculty of Pharmacy			
1	205	Anand Pharmacy College	1
2	242	Saraswati Institute of Pharmaceutical Sciences	1
3	268	Shree Naranjibhai Lalbhai Patel College of Pharmacy	1
Faculty of Diploma			
1	611	Dr Jivraj N Mehta Government Polytechnic, Amreli	2
2	612	Dr. S. & S. S. Ghandhy College of Engineering & Technology, Surat	5
3	616	Government Polytechnic, Waghai	2
4	637	N. G. Patel Polytechnic, Isroli	3
Faculty of Management			
1	778	Som-Lalit Institute of Management Studies (SLIMS)	1
2	836	Tolani Motwane Institute Of Management Studies	1

No. of Research papers published in UGC CARE/Web of Science/Scopus listed journals by the faculty members of the institute in the year 2024

Sr. No.	College Code	College Name	No. of Research papers published in UGC CARE listed journals	No. of Research papers published in Web of Science listed journals	No. of Research papers published in Scopus listed journals
Faculty of Engineering					
1	007	Birla Vishvakarma Mahavidyalaya	54	13	19
2	009	C.K.Pithawala College of Engg.& Technology	4	4	8
3	082	Dr. Jivraj Mehta Institute of Technology	-	1	-
4	023	Dr S. & S. S. Ghandhy Government Engineering College, Surat	2	11	13

5	138	Dr. V. R. Gondhaniya College	2	-	-
6	110	GIDC Degree Engineering College	3	-	7
7	021	Government Engineering College, Bhavnagar	40	3	20
8	142	Government Engineering College, Daman	1	-	-
9	061	Government Engineering College, Palanpur	1	2	1
10	022	Government Engineering College, Patan	12	11	31
11	019	Government Engineering College, Valsad	3	2	2
12	137	GTU - School of Engineering and Technology	-	10	11
13	104	Gujarat Power Engineering and Research Institute	-	2	7
14	028	L. D. College of Engineering, Ahmedabad	24	6	13
15	143	New L. J. Institute of Engineering and Technology	-	-	2
16	112	Pacific School of Engineering	8	-	2
17	113	Sal College of Engineering	3	5	4
18	126	Sal Engineering and Technical Institute	1	1	2
19	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	-	1	6
20	075	Shankersinh Vaghela Bapu Institute of Technology	1	1	1
21	089	Shri Labhubhai Trivedi Institute of Engineering and Technology	1	2	4
22	039	S.P.B. Patel Engineering College	6	2	4
23	123	S. S. Agrawal Institute of Engineering and Technology	-	-	13
24	047	V.V.P. Engineering College, Rajkot	17	13	19

Faculty of Pharmacy

1	205	Anand Pharmacy College	1	6	2
2	288	GTU - School of Pharmacy	18	18	18
3	224	K. B. Raval College of Pharmacy	1	1	8
4	242	Saraswati Institute of Pharmaceutical Sciences	23	7	17
5	278	Shankersinh Vaghela Bapu Institute of Pharmacy	1	-	-
6	247	Sharda School of Pharmacy	-	3	-
7	254	Shree Dhanvantary Pharmacy College	31	31	31
8	268	Shree Naranjibhai Lalbhai Patel College of Pharmacy	1	-	5
9	257	Shree Satsangi Saketdham Ram Ashram Group of Institutions, Faculty of Pharmacy, Vadasma	5	2	2
10	263	Smt. R. D. Gardi B. Pharmacy College, Nyara, Rajkot	4	1	3

Faculty of Diploma

1	604	B & B Institute of Technology	9	2	8
2	623	Government Polytechnic, Gandhinagar	2	-	-
3	618	Government Polytechnic, Godhra	2	-	1
4	972	Government Polytechnic, Kheda	-	-	2
5	914	Government Polytechnic, Vyara	-	-	3
6	616	Government Polytechnic, Waghai	2	1	2
7	451	Sal Institute of Diploma Studies	-	2	3
8	651	Tolani F. G. Polytechnic, Adipur	1	-	-

Faculty of Management

1	705	C. K. Shah Vijapurwala Institute of Management	6	-	2
2	766	Geetanjali Institute of Management Studies	1	1	-
3	839	GTU - School of Management Studies	4	-	4
4	843	Navyug College	3	-	3
5	736	N. R. Vekaria Institute of Business Management Studies	10	10	3
6	746	R. B. Institute of Management Studies	6	1	-
7	769	Shri Jairambhai Patel Institute of Business Management and Computer Applications	17	9	13
8	778	Som-Lalit Institute of Management Studies (SLIMS)	21	2	7
9	773	Sunshine Group of Institutions	2	-	-
10	836	Tolani Motwane Institute of Management Studies	11	-	2

Faculty of Diploma Pharmacy

1	406	Dr. Dayaram Patel Pharmacy College, Bardoli	-	-	1
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Faculty of Computer Application

1	577	Smt. Kusumben Kadakia Institute of Computer Application	4	-	1
2	574	Vidyabharti Trust College of Master in Computer Application	13	-	1

Faculty of Applied Sciences

1	145	GTU - School of Applied Sciences & Technology	-	1	20
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No. of Research papers presented in National / International Conferences by the faculty members of the institute in the year 2024

Sr. No.	College Code	College Name	No. of Research papers presented in National Conferences	No. of Research papers presented in International Conferences by
Faculty of Engineering				
1	007	Birla Vishvakarma Mahavidyalaya	8	156
2	009	C. K. Pithawala College of Engineering & Technology	1	5
3	082	Dr. Jivraj Mehta Institute of Technology	-	1
4	023	Dr. S. & S. S. Ghandhy Government Engineering College, Surat	2	6
5	138	Dr. V. R. Gondhaniya College	1	1
6	110	GIDC Degree Engineering College	1	1
7	021	Government Engineering College, Bhavnagar	10	5
8	061	Government Engineering College, Palanpur	-	2
9	022	Government Engineering College, Patan	-	2
10	137	GTU - School of Engineering and Technology	2	9
11	104	Gujarat Power Engineering and Research Institute	-	9
12	028	L. D. College of Engineering, Ahmedabad	6	3
13	143	New L. J. Institute of Engineering and Technology	-	1
14	112	Pacific School of Engineering	-	2
15	113	Sal College of Engineering	1	1
16	126	Sal Engineering and Technical Institute	-	3
17	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	2	19
18	075	Shankersinh Vaghela Bapu Institute of Technology	3	5
19	039	S.P.B. Patel Engineering College	5	3
20	123	S. S. Agrawal Institute of Engineering and Technology	1	2
21	047	V.V.P. Engineering College, Rajkot	33	5

Faculty of Pharmacy

1	205	Anand Pharmacy College	3	10
2	288	GTU - School of Pharmacy	2	2
3	224	K. B. Raval College of Pharmacy	-	1
4	242	Saraswati Institute of Pharmaceutical Sciences	1	1
5	247	Sharda School of Pharmacy	6	-
6	254	Shree Dhanvantary Pharmacy College	5	30
7	268	Shree Naranjibhai Lalbhai Patel College of Pharmacy	4	3
8	257	Shree Satsangi Saketdham Ram Ashram Group of Institutions, Faculty of Pharmacy, Vadasma	1	-
9	263	Smt. R. D. Gardi B. Pharmacy College, Nyara, Rajkot	2	-

Faculty of Diploma

1	604	B. & B. Institute of Technology	-	2
2	656	Bhulabhai Vanmalibhai Patel Institute of Technology (Diploma Studies)	-	1
3	610	Christ Polytechnic Institute	1	-
4	612	Dr. S. & S. S. Ghandhy College of Engineering & Technology, Surat	3	-
5	972	Government Polytechnic, Kheda	-	1
6	616	Government Polytechnic, Waghai	-	1
7	451	Sal Institute of Diploma Studies	-	1
8	693	S.P.B. Patel Engineering College	2	-

Faculty of Management

1	705	C. K. Shah Vijapurwala Institute of Management	1	4
2	766	Geetanjali Institute of Management Studies	1	-
3	839	GTU - School of Management Studies	7	10
4	843	Navyug College	3	-
5	736	N. R. Vekaria Institute of Business Management Studies	2	2
6	746	R .B. Institute of Management Studies	5	5
7	769	Shri Jairambhai Patel Institute of Business Management and Computer Applications	18	10
8	778	Som-Lalit Institute of Management Studies (SLIMS)	12	5
9	773	Sunshine Group of Institutions	4	-
10	836	Tolani Motwane Institute of Management Studies	8	-

Faculty of Computer Application

1	577	Smt. Kusumben Kadakia Institute of Computer Application	4	-
2	574	Vidyabharti Trust College of Master In Computer Application	-	13

Faculty of Applied Sciences

1	145	GTU - School of Applied Sciences & Technology	2	2
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No. of Books written & published / chapters written by faculty members in the year 2024

Sr. No.	College Code	College Name	No. of Books written & published	No. of Book chapters written
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Faculty of Engineering

1	007	Birla Vishvakarma Mahavidyalaya	2	71
2	009	C. K. Pithawala College of Engineering & Technology	4	2
3	023	Dr. S. & S. S. Ghandhy Government Engineering College, Surat	1	1
4	061	Government Engineering College, Palanpur	-	1
5	022	Government Engineering College, Patan	-	1
6	019	Government Engineering College, Valsad	-	1
7	137	GTU - School of Engineering and Technology	1	7
8	104	Gujarat Power Engineering and Research Institute	-	1
9	112	Pacific School of Engineering	1	-
10	113	Sal College of Engineering	4	2
11	126	Sal Engineering and Technical Institute	2	1
12	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	-	3
13	039	S.P.B. Patel Engineering College	-	1
14	123	S. S. Agrawal Institute of Engineering and Technology	1	-
15	047	V.V.P. Engineering College, Rajkot	-	4

Faculty of Pharmacy

1	205	Anand Pharmacy College	-	3
2	288	GTU - School of Pharmacy	-	9
3	224	K. B. Raval College of Pharmacy	-	9
4	242	Saraswati Institute of Pharmaceutical Sciences	5	4

5	247	Sharda School of Pharmacy	1	2
6	254	Shree Dhanvantary Pharmacy College	5	30
7	268	Shree Naranjibhai Lalbhai Patel College of Pharmacy	4	1
8	257	Shree Satsangi Saketdham Ram Ashram Group of Institutions, Faculty of Pharmacy, Vadasma	1	-
9	263	Smt. R. D. Gardi B. Pharmacy College, Nyara, Rajkot	-	5

Faculty of Diploma

1	604	B. & B. Institute of Technology	4	-
2	972	Government Polytechnic, Kheda	-	1
3	983	Kalyan Polytechnic	-	2
4	451	Sal Institute of Diploma Studies	4	-

Faculty of Management

1	705	C. K. Shah Vijapurwala Institute of Management	4	2
2	766	Geetanjali Institute of Management Studies	1	1
3	839	GTU - School of Management Studies	-	5
4	731	Laxmi Institute of Management	3	3
5	769	Shri Jairambhai Patel Institute of Business Management and Computer Applications	2	8
6	778	Som-Lalit Institute of Management Studies (SLIMS)	-	10
7	773	Sunshine Group of Institutions	1	2

Faculty of Diploma Pharmacy

1	406	Dr. Dayaram Patel Pharmacy College, Bardoli	-	2
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Faculty of Computer Application

1	577	Smt. Kusumben Kadakia Institute of Computer Application	4	-
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Faculty of Applied Sciences

1	145	GTU - School of Applied Sciences & Technology	2	25
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No. of Conference / FDP / Workshops / STTP / Seminars / Webinars attended by the faculty members in the year 2024

Sr. No.	College Code	College Name	No. of Conference / FDP / Workshops / STTP / Seminars / Webinars
Faculty of Engineering			
1	007	Birla Vishvakarma Mahavidyalaya	298
2	009	C. K. Pithawala College of Engineering & Technology	80
3	082	Dr. Jivraj Mehta Institute of Technology	22
4	023	Dr. S. & S. S. Ghandhy Government Engineering College, Surat	75
5	138	Dr. V. R. Gondhaniya College	3
6	110	GIDC Degree Engineering College	20
7	021	Government Engineering College, Bhavnagar	41
8	142	Government Engineering College, Daman	6
9	061	Government Engineering College, Palanpur	45
10	022	Government Engineering College, Patan	60
11	019	Government Engineering College, Valsad	9
12	137	GTU - School of Engineering and Technology	48
13	104	Gujarat Power Engineering and Research Institute	2
14	028	L. D. College of Engineering, Ahmedabad	97
15	143	New L. J. Institute of Engineering and Technology	9
16	112	Pacific School of Engineering	28
17	113	Sal College of Engineering	116
18	126	Sal Engineering and Technical Institute	33
19	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	99
20	075	Shankersinh Vaghela Bapu Institute of Technology	12
21	089	Shri Labhubhai Trivedi Institute of Engineering and Technology	9
22	039	S.P.B. Patel Engineering College	46
23	123	S. S. Agrawal Institute of Engineering and Technology	10
24	047	V.V.P. Engineering College, Rajkot	183

Faculty of Pharmacy			
1	205	Anand Pharmacy College	69
2	288	GTU - School of Pharmacy	10
3	224	K. B. Raval College of Pharmacy	47
4	242	Saraswati Institute of Pharmaceutical Sciences	42
5	278	Shankersinh Vaghela Bapu Institute of Pharmacy	3
6	247	Sharda School of Pharmacy	61
7	254	Shree Dhanvantary Pharmacy College	26
8	268	Shree Naranjibhai Lalbhai Patel College of Pharmacy	33
9	257	Shree Satsangi Saketdham Ram Ashram Group of Institutions, Faculty of Pharmacy, Vadasma	10
10	252	Shri B. M. Shah College of Pharmaceutical Education and Research	5
11	263	Smt. R. D. Gardi B. Pharmacy College, Nyara, Rajkot	47

Faculty of Diploma			
1	604	B. & B. Institute of Technology	68
2	656	Bhulabhai Vanmalibhai Patel Institute of Technology (Diploma Studies)	6
3	610	Christ Polytechnic Institute	15
4	611	Dr Jivraj N Mehta Government Polytechnic, Amreli	55
5	612	Dr. S. & S. S. Ghandhy College of Engineering & Technology, Surat	41
6	623	Government Polytechnic, Gandhinagar	31
7	618	Government Polytechnic, Godhra	47
8	630	Government Polytechnic, Dahod	5
9	972	Government Polytechnic, Kheda	37
10	975	Government Polytechnic, Navsari	3
11	974	Government Polytechnic, Vyara	40
12	616	Government Polytechnic, Waghai	29
13	451	Sal Institute of Diploma Studies	71
14	693	S.P.B. Patel Engineering College	30
15	647	Tapi Diploma Engineering College	17
16	651	Tolani F. G. Polytechnic, Adipur	32

Faculty of Management			
1	705	C. K. Shah Vijapurwala Institute of Management	7
2	766	Geetanjali Institute of Management Studies	2
3	839	GTU - School of Management Studies	52
4	731	Laxmi Institute of Management	5
5	843	Navyug College	2
6	736	N. R. Vekaria Institute of Business Management Studies	3
7	746	R. B. Institute of Management Studies	3
8	769	Shri Jairambhai Patel Institute of Business Management and Computer Applications	24
9	778	Som-Lalit Institute of Management Studies (SLIMS)	16
10	773	Sunshine Group of Institutions	19
11	836	Tolani Motwane Institute of Management Studies	11

Faculty of Diploma Pharmacy			
1	406	Dr. Dayaram Patel Pharmacy College, Bardoli	2

Faculty of Computer Application			
1	577	Smt. Kusumben Kadakia Institute of Computer Application	5
2	574	Vidyabharti Trust College of Master In Computer Application	13

Faculty of Applied Sciences			
1	145	GTU - School of Applied Sciences & Technology	9

No. of Conference / FDP / Workshops / STTP / Seminars / Webinars organized by the institute in the year 2024

Sr. No.	College Code	College Name	No. of Conference / FDP / Workshops / STTP / Seminars / Webinars
Faculty of Engineering			
1	007	Birla Vishvakarma Mahavidyalaya	138
2	082	Dr. Jivraj Mehta Institute of Technology	2
3	023	Dr. S. & S. S. Ghandhy Government Engineering College, Surat	40
4	138	Dr. V. R. Gondhaniya College	1
5	110	GIDC Degree Engineering College	1

6	061	Government Engineering College, Palanpur	4
7	022	Government Engineering College, Patan	4
8	019	Government Engineering College, Valsad	13
9	137	GTU - School of Engineering and Technology	17
10	104	Gujarat Power Engineering and Research Institute	10
11	028	L. D. College of Engineering, Ahmedabad	14
12	112	Pacific School of Engineering	9
13	113	Sal College of Engineering	41
14	126	Sal Engineering and Technical Institute	17
15	075	Shankersinh Vaghela Bapu Institute of Technology	4
16	089	Shri Labhubhai Trivedi Institute of Engineering and Technology	9
17	039	S.P.B. Patel Engineering College	40
18	123	S. S. Agrawal Institute of Engineering and Technology	8
19	047	V.V.P. Engineering College, Rajkot	20

Faculty of Pharmacy

1	205	Anand Pharmacy College	12
2	288	GTU - School of Pharmacy	1
3	224	K. B. Raval College of Pharmacy	9
4	242	Saraswati Institute of Pharmaceutical Sciences	2
5	247	Sharda School of Pharmacy	12
6	254	Shree Dhanvantary Pharmacy College	15
7	268	Shree Naranjibhai Lalbhai Patel College of Pharmacy	10
8	252	Shri B. M. Shah College of Pharmaceutical Education and Research	1
9	263	Smt. R. D. Gardi B. Pharmacy College, Nyara, Rajkot	1

Faculty of Diploma

1	604	B. & B. Institute of Technology	27
2	610	Christ Polytechnic Institute	5
3	612	Dr. S. & S. S. Ghandhy College of Engineering & Technology, Surat	2
4	623	Government Polytechnic, Gandhinagar	2
5	972	Government Polytechnic, Kheda	14
6	974	Government Polytechnic, Vyara	1

7	616	Government Polytechnic, Waghai	1
8	451	Sal Institute of Diploma Studies	3
9	693	S.P.B. Patel Engineering College	28
10	647	Tapi Diploma Engineering College	1
11	651	Tolani F. G. Polytechnic, Adipur	11

Faculty of Management

1	705	C. K. Shah Vijapurwala Institute of Management	3
2	766	Geetanjali Institute of Management Studies	2
3	731	Laxmi Institute of Management	2
4	736	N. R. Vekaria Institute of Business Management Studies	3
5	746	R. B. Institute of Management Studies	3
6	769	Shri Jairambhai Patel Institute of Business Management and Computer Applications	7
7	836	Tolani Motwane Institute of Management Studies	3

Faculty of Diploma Pharmacy

1	406	Dr. Dayaram Patel Pharmacy College, Bardoli	2
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Faculty of Computer Application

1	574	Vidyabharti Trust College of Master in Computer Application	9
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No. of Patents Granted to faculty members / students / Institute in the year 2024

Sr. No.	College Code	College Name	No. of Patents Granted to faculty members / students / Institute
Faculty of Engineering			
1	007	Birla Vishvakarma Mahavidyalaya	7
2	009	C. K. Pithawala College of Engineering & Technology	1
3	023	Dr. S. & S. S. Ghandhy Government Engineering College, Surat	4
4	110	GIDC Degree Engineering College	2
5	061	Government Engineering College, Palanpur	2
6	022	Government Engineering College, Patan	2
7	137	GTU - School of Engineering and Technology	1
8	104	Gujarat Power Engineering and Research Institute	4
9	028	L. D. College of Engineering, Ahmedabad	7

10	113	Sal College of Engineering	3
11	126	Sardar Vallabhbhai Patel Institute of Technology, Vasad	2
12	123	S. S. Agrawal Institute of Engineering and Technology	1
13	047	V.V.P. Engineering College, Rajkot	2

Faculty of Pharmacy			
1	205	Anand Pharmacy College	3
2	288	GTU - School of Pharmacy	1
3	242	Saraswati Institute of Pharmaceutical Sciences	7
4	247	Sharda School of Pharmacy	1
5	254	Shree Dhanvantary Pharmacy College	9
6	268	Shree Naranjibhai Lalbhai Patel College of Pharmacy	4
7	263	Smt. R. D. Gardi B. Pharmacy College, Nyara, Rajkot	1

Faculty of Diploma			
1	604	B. & B. Institute of Technology	1
2	616	Government Polytechnic, Waghai	1

Faculty of Management			
1	766	Geetanjali Institute of Management Studies	1

Faculty of Diploma Pharmacy			
1	406	Dr. Dayaram Patel Pharmacy College, Bardoli	2

Faculty of Applied Sciences			
1	145	GTU - School of Applied Sciences & Technology	10

No. of Government Consultancy Projects received by Institute in the year 2024

Sr. No.	College Code	College Name	No. of Government Consultancy Projects
Faculty of Engineering			
1	007	Birla Vishvakarma Mahavidyalaya	27
2	110	GIDC Degree Engineering College	1
3	061	Government Engineering College, Palanpur	1
4	137	GTU - School of Engineering and Technology	1

5	104	Gujarat Power Engineering and Research Institute	1
6	28	L. D. College of Engineering, Ahmedabad	5
7	112	Pacific School of Engineering	25
8	113	Sal College of Engineering	3
9	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	9
10	089	Shri Labhubhai Trivedi Institute of Engineering and Technology	1

Faculty of Pharmacy

1	288	GTU - School of Pharmacy	1
2	254	Shree Dhanvantary Pharmacy College	2

Faculty of Diploma

1	618	Government Polytechnic, Godhra	1
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Faculty of Management

1	839	GTU - School of Management Studies	3
2	769	Shri Jairambhai Patel Institute of Business Management and Computer Applications	1

Faculty of Applied Sciences

1	145	GTU - School of Applied Sciences & Technology	4
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No. of Non Government Consultancy Projects received by Institute in the year 2024

Sr. No.	College Code	College Name	No. of Non Government Consultancy Projects
Faculty of Engineering			
1	007	Birla Vishvakarma Mahavidyalaya	83
2	009	C. K. Pithawala College of Engineering & Technology	11
3	082	Dr. Jivraj Mehta Institute of Technology	1
4	023	Dr. S. & S. S. Ghandhy Government Engineering College, Surat	1
5	110	GIDC Degree Engineering College	3
6	061	Government Engineering College, Palanpur	4
7	022	Government Engineering College Patan	1
8	137	GTU - School of Engineering and Technology	5
9	104	Gujarat Power Engineering and Research Institute	16

10	28	L. D. College of Engineering, Ahmedabad	7
11	112	Pacific School of Engineering	45
12	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	2
13	089	Shri Labhubhai Trivedi Institute of Engineering and Technology	8
14	047	V.V.P. Engineering College, Rajkot	15

Faculty of Pharmacy

1	205	Anand Pharmacy College	1
2	288	GTU - School of Pharmacy	1
3	254	Shree Dhanvantary Pharmacy College	10
4	268	Shree Naranjibhai Lalbhai Patel College of Pharmacy	25

Faculty of Diploma

1	647	Tapi Diploma Engineering College	37
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Faculty of Management

1	769	Shri Jairambhai Patel Institute of Business Management and Computer Applications	1
2	778	Som-Lalit Institute of Management Studies (SLIMS) Approved by MBA	1

Faculty of Applied Sciences

1	145	GTU - School of Applied Sciences & Technology	3
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No. of Government Agencies funded Research Projects carried out by the Institute in the year 2024

Sr. No.	College Code	College Name	No. of Government Agencies funded Research Projects
Faculty of Engineering			
1	007	Birla Vishvakarma Mahavidyalaya	4
2	009	C. K. Pithawala College of Engineering & Technology	1
3	082	Dr. Jivraj Mehta Institute of Technology	2
4	023	Dr. S. & S. S. Ghandhy Government Engineering College, Surat	5
5	110	GIDC Degree Engineering College	2
6	061	Government Engineering College, Palanpur	1
7	022	Government Engineering College, Patan	2
8	137	GTU - School of Engineering and Technology	2
9	104	Gujarat Power Engineering and Research Institute	4

10	28	L. D. College of Engineering, Ahmedabad	4
11	113	Sal College of Engineering	2
12	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	3
13	075	Shankersinh Vaghela Bapu Institute of Technology	2

Faculty of Pharmacy

1	205	Anand Pharmacy College	2
2	288	GTU - School of Pharmacy	1
3	242	Saraswati Institute of Pharmaceutical Sciences	1
4	254	Shree Dhanvantary Pharmacy College	2

Faculty of Diploma

1	972	Government Polytechnic, Kheda	1
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Faculty of Management

1	839	GTU - School of Management Studies	5
2	769	Shri Jairambhai Patel Institute of Business Management and Computer Applications	1

Faculty of Applied Sciences

1	145	GTU - School of Applied Sciences & Technology	3
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No. of Non government Agencies funded Research Projects carried out by the Institute in the year 2024

Sr. No.	College Code	College Name	No. of Non Government Agencies funded Research Projects
Faculty of Engineering			
1	007	Birla Vishvakarma Mahavidyalaya	6
2	082	Dr. Jivraj Mehta Institute of Technology	1
3	28	L. D. College of Engineering, Ahmedabad	1
4	112	Pacific School of Engineering	1
5	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	1
6	047	V.V.P. Engineering College, Rajkot	1
Faculty of Pharmacy			
1	242	Saraswati Institute of Pharmaceutical Sciences	1
2	254	Shree Dhanvantary Pharmacy College	10

No. of newly added Centre of Excellence/ received at State/ National/ International Level by faculty members /students/Institute in the year 2024

Sr. No.	College Code	College Name	No. of newly added Centre of Excellence	No. of Awards received at State Level	No. of Awards received at National Level	No. of Awards received at International Level
Faculty of Engineering						
1	007	Birla Vishvakarma Mahavidyalaya	3	18	54	2
2	009	C. K. Pithawala College of Engineering & Technology	-	-	2	-
3	082	Dr. Jivraj Mehta Institute of Technology	-	-	-	1
4	023	Dr. S. & S. S. Ghandhy Government Engineering College, Surat	-	3	1	-
5	021	Government Engineering College, Bhavnagar	-	4	-	-
6	061	Government Engineering College, Palanpur	-	1	-	-
7	022	Government Engineering College, Patan	-	-	-	1
8	137	GTU - School of Engineering and Technology	1	7	1	-
9	104	Gujarat Power Engineering and Research Institute	1	4	-	-
10	028	L. D. College of Engineering, Ahmedabad	-	6	4	2
11	113	Sal College of Engineering	-	30	1	-
12	041	Sardar Vallabhbhai Patel Institute of Technology, Vasad	-	5	-	-

Faculty of Pharmacy						
1	205	Anand Pharmacy College	-	8	10	10
2	288	GTU - School of Pharmacy	-	1	1	-
3	224	K. B. Raval College of Pharmacy	-	7	-	-
4	242	Saraswati Institute of Pharmaceutical Sciences	-	1	-	-
5	247	Sharda School of Pharmacy	-	2	-	-
6	254	Shree Dhanvantary Pharmacy College	-	3	6	-

Faculty of Diploma

1	604	B. & B. Institute of Technology	-	2	-	-
2	656	Bhulabhai Vanmalibhai Patel Institute of Technology (Diploma Studies)	1	-	-	-
3	618	Government Polytechnic, Godhra	-	1	-	-

Faculty of MBA

1	705	C. K. Shah Vijapurwala Institute of Management	2	-	-	-
2	839	GTU - School of Management Studies	-	5	1	1
3	773	Sunshine Group of Institutions	-	1	-	-

Faculty of Applied Sciences

1	145	GTU - School of Applied Sciences & Technology	-	-	2	3
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PHOTO GALLERY OF AFFILIATED INSTITUTES



**Glimpse of Accomplishment
of Anand Pharmacy College**



**Glimpse of
Institute Achievements of 2024
Som-Lalit Institute of
Management Studies**



**Glimpse of Institute Achievements
Saraswati Institute
Pharmaceutical Sciences, Chiloda**



**BVM College honoured with
Appreciation Award as a Founding Member
of the BRICS University on 21st October 2024**



**Dr. Vikas Arora of Sunshine College was
honoured with the Nation Builder's Award**



**S.P.B. Patel Engineering College
received GTU Venture Award**



**Silver Jubilee Celebrations at
Christ Polytechnic Institute**



Debate Champions

Parshva Shah and Virang Shah won the Debate Competition at Reva 2024, hosted by Narmada College, showcasing exceptional oratory and critical thinking skills.

Global Exposure

Jainam Shah and Rushabh Shah successfully completed an International Summer Internship at Universal Business School, Australia, gaining profound global insights into contemporary business practices.

Matharathi 2 Success

Ms. Jahanvi Thakkar secured the Second Prize at Matharathi 2, organized by ITM (SLS) Baroda University, Vadodara, for her outstanding analytical abilities.

**Glimpse of Institute Achievements of 2024
C. K. Shah Vijapurwala Institute of Management**



**Appreciation award under Vishwakarma Yojna
Government Engineering College, Palanpur**



**Glimpse of Institute Achievements
New L. J. Institute of Engineering and Technology**

GTU launches online MBA course in international business

The course coordinator said that GTU's proposal for online education has received UGC's approval. The university intends to transition additional programmes to online formats, including diploma in data science and marketing, which are presently offered offline.

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બિનપ્રધાનતા ના પાત્ર
 ગુજરાત રાજ્યના શિશુલ
 વિભાગના ના.18/૪૮/૨૦૧૬ ને એક
 પત્ર દ્વારા ગુજરાત ટેલિવિઝન
 ટીવીના ગુજરાત કેન્દ્રના ચેરમેન
 ડૉ.એન.પેરેની પાંચ લઘુ મોડે ગુજરાત
 નિયુક્તિ કરવામાં આવી
 છે. 1૯૦૦૦૦ ગુજરાતી વર્ષિકા સંસ્કરણ
 કમિશનની વીરણ સમગ્રતાપૂર્વક પૂર્ણ
 કરીને ગુજરાત રાજ્યની રસાયી

[illegible]

अभ्यास, परीक्षा
 छात्राध्यायी वाँडडकभायी
 वलरुभायी अडडडडडी
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પાસું એ
મે, કોલેજ
વ્યક્તિ
ખ્યાએથી
છે અને
નવ બળ
નો અન્ય
ગ કરી

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GTU, VNSGU among top 25 in country in APAAR credits

While GTU is ranked second in the list, VNSGU is sixth, as per UGC

The Gujarat Technological University (GTU) on Thursday announced that its efforts to upload as many 3.5 lakh credit records on the Academic Bank of Credit, now referred to as Automated Permanent Academic Account Registry (APAAR), have resulted in the second-highest uploads among 450 universities in India over the past 100 days. According to an internal announcement by the University

Grants Commission (UGC), Veer Narmad South Gujarat University in Surat with 1.6 lakh records ranks sixth among the top 25 universities for credit uploads.

UGC, in the internal communication, announced 25 top performers to acknowledge Academic Bank of Credit (ABC): Milestone across India report. Mahatma Jyotiba Phule Rohilkhand University in Bareilly topped the chart with 4.8 lakh

records. Currently, result data with total 6,33,355 credits has been uploaded on the GTU portal, besides APAAR ID of 3,33,584 students. These students can view the exam result data along with credit with APAAR ID on their dashboard on the portal itself, officials said.

Officials said that universities will be able to upload credit pattern records with APAAR IDs till December 2024. **AM**

કેન્દ્રે 100 દિવસમાં સર્વાધિક એકેડેમિક ક્રેડિટ અપલોડ કરનારી સંસ્થાના નામ જાહેર કર્યા
વિદ્યાર્થીઓની ક્રેડિટ અપલોડ કરવામાં જીટીયુ
દેશમાં ત્રીજા ક્રમે, 3.5 લાખ ક્રેડિટ અપલોડ કરી
માહિતી ન મુકનારી સંસ્થાને 31 ડિસેમ્બર સુધીમાં ડેટા અપલોડ કરવાનો આદેશ

અભ્યુક્તેશન રિપોર્ટર | અમદાવાદ

કેન્દ્ર સરકારના શિક્ષણ વિભાગે છેલ્લા 100 દિવસોમાં સૌથી વધુ એક ડ્રમિક બેન્ક ઓફ ક્રેડિટ માહિતી અપલોડ કરનારી ટો 10 સંસ્થાઓના નામ જાહેર છે. જેમાં ગુજરાત ટેકનોલોજી યુનિવર્સિટીએ ત્રીજે ક્રમાંક મેળવે છે. જ્યારે 5માં ક્રમે સૂરતની નર્મદ યુનિવર્સિટીએ મેળવ્યું છે. જાદીપુરે 3.5 લાખ ક્રેડિટ અપલોડ કરી છે. જ્યારે

નર્મદ યુનિવર્સિટીએ 1.6 લાખ
કેડેટ ઓબવાઈન અપડેટ કરી છે.
શિક્ષણ વિભાગે દેશની 450 કરતા
વધારે સંસ્થાઓએ વિદ્યાર્થીઓના
અપડેટની માહિતી 45 લાખ કેડેટની
પેટર્ન (એકેડેમિક બેન્ક ઓફ કેડેટ
સાથેનો) ડોકુમેન્ટ અપલોડ કરાયાની
જાહેરાત કરી છે. જેમાં એકેડેમિક
બેન્ક ઓફ કેડેટ (એબીસી)નો
ડોકુમેન્ટ ઓબવાઈન અપલોડ
કરવામાં સીકંદરાત દાખવાની
25 સંસ્થાઓના નામોની જાહેરાત
કરાઈ છે. જેમાં દેશમાં પ્રથમ ક્રમાંક

પર બરેલી રોડીલ ખંડની મહાત્મા જ્યોતિષા કુલેએ 4.8 લાખ કેડટ સાધનો રેકોર્ડેડ અપલોડ કર્યો છે. જ્યારે ત્રીજા ક્રમાંક પર મેમુરની મેમુર યુનિવર્સિટીએ 2.2 લાખ કેડટનો રેકોર્ડ અપલોડ કર્યો છે. જ્યારે ચોથા ક્રમાંક પર ભૂવનગરની ઈન્કલ યુનિવર્સિટીએ 1.7 લાખ કેડટ સાધનો રેકોર્ડેડ ઓનલાઈન અપલોડ કર્યો છે.

આ સાથે ડેટા અપલોડ ન કરનારી સંસ્થાઓને 31 ડિસેમ્બર સુધીમાં ડેટા અપલોડ

કરવાનો આદેશ સરકાર દ્વારા કરાયો છે. એનઈપી-2020 હઠકળ ઉચ્ચ શૈક્ષણિક સંસ્થાઓ તરફથી વિદ્યાર્થીઓને અપાતી ફેઝેડ એનકાઉન્ટર સ્કોર કરવાની સુવિધા વિકસાવાઈ છે. નવી શિક્ષણ નીતિ મુજબ, વિદ્યાર્થીને પોતાના અભ્યાસક્રમની સાથે ફેઝેડ સ્કોર પણ આપવામાં આવે છે. એટલે કે વિદ્યાર્થી એક સાથે બે કોર્સ અલગ અલગ સંસ્થામાંથી ડી ગ્રેડ તેવી વ્યવસ્થા છે. જેમાં ફેઝેડ સ્કોર મહત્વનો ભાગ ભજવે છે.

AhmedabadMirror Fri, 27 September 2024
<https://epaper.ahmedabadmirror.com/c/75932228>

મહિલાઓ માટે કાર્ય-જીવન સંતુલન પર પેનલ ચર્ચા



ચેલેજર | અમદાવાદ

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી ખાતે વિદ્યુતી ગાર્ગી સેન્ટર ફોર વુમન ડેવલપમેન્ટ દ્વારા “વર્ક-લાઈફ બેલેન્સ ફોર વુમન” પર વિચાર-મેક પેપર ચર્ચાના કાર્યક્રમનું આયોજન યુનિવર્સિટી કેમ્પસ ખાતે કરવામાં આવ્યું હતું અને કાર્ય અને એંગત જીવનનું સંતુલિત કરવા માટેના પડકારો અને વ્યૂહરચનાઓની ચર્ચા કરવા માટે અગ્રણી વ્યવસાયિકોને સાથે રાખવામાં આવી હતા. કાર્યક્રમની

શ્રુઆત દીપ પ્રાગટ્યથી ડો. ક્રોમલ બોરીસાગરના સ્વાગત પ્રવચનથી કરમમાં આવી હતી. ગુજરાત ટુનોલોજીકલ યુનિવર્સિટીના કુલપતિ ડૉ. રાજુલ કે. ગઢરે વિધાયેન અનુભવથી વિચારોરેક્ટર સંબોધન કરતા જણાવ્યું હતું કે કાર્ય-જીવન સંતુલન એ માત્ર એક ટ્રેડીંગ શબ્દસમૂહ નથી, તે આપણી સુખાકારીનો એક મહત્વપૂર્ણ ઘટક છે. જ્યારે આપણે તે સંતુલન શોધીએ છીએ, ત્યારે આપણે આપણી ઉત્પાદકતા, સર્જનાત્મકતા

અને એકઠર સુખમાં વધારો
 કરીએ છીએ. તે આપણને આપણાં
 વ્યવસાયિક અને વ્યક્તિગત
 જીવનમાં સંપૂર્ણ રીતે હાજર રહેવાનો
 મંત્રણા કરી છે. કામ અને ઘર વચ્ચે
 સ્વસ્થ રેખાઓ સ્થાપિત કરવી
 જરૂરી છે. પ્રાથમિકતા યાચીરૂપ
 છે. આપણાં નોકરીઠાતાઓ અને
 સમાકાર્યરૂઢ સાથે વાતચીત કરવાથી
 વધુ લવચીક વ્યવસ્થા થઈ શકે
 છે. સ્વ-સંતોષના મહત્વને સમજજીવું
 અને આપણી નુસાણીને પ્રાથમિકતા
 આપવી એ નિષ્ણાંધ છે. યથાંન

પેનલ ચર્ચાને બે સત્રોમાં વહેંચવામાં આવી

પેનલ ક્રમાંક-૧મા ડો. શેફાલી દેસાઈ, આર.જે. તોશાલી, પ્રો. વેદ્યા વેમીરેડી, ડો. ગીતિકા ખારવાલ અને ડો. નિરાલી પટેલની માર્ગદર્શના હેઠળ કાર્યોમાં મદદદાઓ નક્કી કરવી, કાર્યોને વ્યવસ્થિતતા આપવી અને સમય વ્યવસ્થાપનની ભૂમિકા જેવા મુદ્દાઓ પર ચર્ચા કરવામાં આવી હતી.

જ્યારે પેલેલ ક્રમિક રીતે ડિમા પૂરીડો. ડો. શાહદા સીસી અને ડો. તરલત શર્મા જે પેનલિસ્ટોરો સમય વ્યવસ્થાપન પર ટેકનોલોજીની મર્યાદા, સંસ્કૃતિનામાં સંવેદનશીલતા અને સ્વાધિકાર કક્ષાનીસુચના હેતુર પર ધ્યાન કેન્દ્રિત કર્યું જેમાં “વર્ક-લાઇફ બેલેન્સ સોર યુમન” રીતની પેલેલ ચર્ચાની કિરેફર વ્યાખ્યાનિત કરે અને અંગત જીવનને સંતુલિત કરે, વ્યવહાર સમય વ્યવસ્થાપન વ્યૂહરચનાઓ પ્રદાન કરે અને લાભાવન તકનીકો ઝોળાવવા સંબંધે પેગુટિ વધારવાનો સંવેદનશીલ ટેકનોલોજીના સમપ્રદાય વિષયગોર પર મારક છે, સ્વાધિકારકોસિસ્ટરેમની નિર્માણ કરે છે, સંવેદનશીલ વ્યવસ્થાપન માર્ગદર્શિકા કરે છે અને પેદિલાઓ મેકે ટ્રાન્સ-યુગલના સ્વરૂપ સંતુલનને પ્રોત્સાહન સાધી વાર્થજીવી નિર્ણયોની કિમાત કરે છે.

માપન ડૉ. નીલમ નાથાણીની સલાહના કરવામાં આવી હતી. આ ઘટનાએ મુલ્યવાન આંતરદેશી પ્રવાસ કરી અને મહિલાઓ માટે કાર્યજીવન સંતુલન વધારવા વિશે અર્થપૂર્ણ સંવાદોને પ્રોત્સાહન આપ્યું હતું.

જીટીયુમાં ભારતીય જ્ઞાન પરંપરાનો ઉત્સવ:
મોહિનીઅટ્ટમ નૃત્ય દ્વારા આરોગ્યના સંદેશ

ન્યાયદર્શન.અમદાવાદ.

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટીના ચાંદેખાડા કેમ્પસ ખાતે સ્કૂલ ઓફ ઈન્ડિયન નોલજ સિસ્ટમ્સ (એસઆઈએસ) - પરાકર એક માનોમોહક વિવેચનું આયોજન કર્યું હતું. આ કાર્યક્રમમાં ગુરુ ગોપિકા વામી દ્વારા મોહિનીયદમ નૃત્યની પ્રદર્શન સાથે 'ભજ ગોવિંદમ ભજ ગોવિંદમ' ના પાક નો મેસેજરને અહેવાલ આપવામાં આવ્યો. જી. સ્વચ્છાગર અને જીજ્ઞા દ્વારા સહયોગિત આ કાર્યક્રમમાં જીવન વિકાસ અને આરોગ્યના મહત્વ પર ગાંધી કરવામાં આવી છે. આ નૃત્યમાં આદ્ય ગુરુ શંકરાચાર્યના માર્ગદર્શનને આધારે, આજના યુગમાં તંદુરસ્તી જાળવવા માટે અને કમ્યુનર-મોબાઇલના ઉપયોગો દરમિયાન આંખી, ગળા અને હાથની સંભાળ રાખવા માટે નો મહત્વનો સંદેશ હતો. કુલપતિ ડૉ. રાજીવ ગજજર અને રજીસ્ટ્રાર ડૉ. કે. એન. ખેરના માર્ગદર્શન હેઠળ અને ડૉ. વૈભવ ભટ્ટ અને તેમની ટીમના સક્રિય આયોજન દ્વારા વિવાર્ધીઓ ભારતીય પરંપરા ની શિખામણો શી સમૃદ્ધ થયા છે.



47 ટીમ 36 ક્લાકમાં । SROની 10 સમસ્યાનં નિવારણ લાવશે

અમદાવાદ : ગુજરાત ટેકનોલોજિકલ યુનિવર્સિટી અને ભારત સરકારના શિક્ષણ મંત્રાલયના AICTE વિદ્યાર્થીઓ AI, મશીન લર્નિંગ, એર ક્વોલિટી, સેટેલાઈટ નેવિગેશન જેવી સમ્મ્યાનું નિરાકરણ લાવશે

જાતો સ્પર્ધા કરવા હતાવાના સાંકરે આશ્રાન આપો જો કરવામાં આવ્યું છે. ૨૮૬ દેશાધારમાંથી વિવિધ 48 ઈસ્ક્રિટ્ટરૂપમાંથી ૭૭૧ વિદ્યાર્થીઓની 47 ટીમો જોડાઈ છે. જેઓ ISRO માટે આપવામાં આવેલ વિવિધ 10 સમસ્યાઓનો સમાધાન લાવવા પર કામ કરી રહ્યાં છે. 3 મહિના પહેલા દેશાધારમાંથી વિવિધ ઈસ્ક્રિટ્ટરૂપમાંથી ૭૭૧ વિદ્યાર્થીઓ પાસેથી સમસ્યાઓનો સિદ્ધ મેળાવવામાં આવ્યું હતું. જેમાંથી અનુક્રમ સમસ્યાઓની પહેલની કડીને નવા સમાધાન માટે કોલેજ લેવેલ પર આઈટીયા સમમિત કરવામાં આવ્યાં હતાં.

વિદ્યાર્થીઓ સમસ્યાઓનું નિવારણ લાવશે તો તે, સમાજને ઉપયોગી સાબિત થઈ શકે છે.

જે સમયસ્યાઓને બેંચી કાઢીને કુલ 254 સમસ્યાઓની પસંદગી કરાઈ છે. જે સમસ્યાના નિરાકરણ માટે સરત 36 દલાલખર્ચ માટે વિદ્યાર્થીઓ કામે લાગ્યા છે. જેના માટે દલાલખર્ચમાં 51 નોડલ સેન્ટર મુકવામાં આવ્યા છે જેમાંથી નુરુબાગમાં 25માં ઈન્ડિયા હેકાથોનને શિયાળુંદ આશ્રમ ISRO સેન્ટર માટે વિદ્યાર્થીઓને જોડાય છે. અહીં નુરુબાગમાં દલાલ કોલેજ અને વિશ્વકોશ ઇન્જિનિયરિંગ કોલેજના વિદ્યાર્થીઓમાં 22 વિવિધ ટીમ પણ રજૂ થઈ છે. ઉપરાંત IITGu પણ સેન્ટરની રમ્યાં હેકાથોનમાં જોડાય છે જ્યાં 250 જેટલા વિદ્યાર્થીઓ 7 વિવિધ સમસ્યાઓ પર કામ કરી રહ્યાં છે. જે વિદ્યાર્થીઓ ભિલ્લાર સેન્ટરના આવડાને અને ઘણેલી ખાજતોની ભિલ્લાર સમસ્યાઓને કાઢી લઈ રહ્યાં છે.

વિદ્યાર્થીઓને આ પ્રકારની 10 પેટલી

- 1 વેબ પેજ સેવાઓ માટે AI આધારિત ઇમેલ
- 2 ક્રિષિકા વીડીયો બ્લોગસ્ટિંગ વેબસાઇટ માટે
- 3 ઓટોમેટિક મોટુવેશનલ રૂબીનામો ઓફરબર
- 4 વેબસાઇટિંગ આર ડી મોડેલનો ઉપયોગ કરી
- 5 વિપ્રક્રોડિંગ મોડેલનો ઉપયોગ આપકારના નુનું
- 6 કારકરના અવરેન્સ માટે સેન્ટુરિયા ઓપેશન
- 7 ક્રેડિટ અને સર્વિસ રોડ રાશના ની અવરજવર
- 8 અવરજવર આર ડી મોડેલનો ઉપયોગ કરી
- 9 ક્રેડિટ અને સર્વિસ રોડ રાશના ની અવરજવર
- 10 ક્રેડિટ અને સર્વિસ રોડ રાશના ની અવરજવર

વિવિધ સમસ્યા આધવામાં આવી છે

- A/JME ની ઉપચોગ કરીને સેટલાઈટ આધારિત ક્રોસિંગ ઈન્જિનિયરિંગ ડ્રાઈવસિસ
- ચંદ્રયાન-2 માં ઓર્બિટ બ્રેકિંગ કરા કરેખર કરાને કેરેન્ટ ના કાચબા પાછળથીવાળા પ્રદેશોની વૃદ્ધિ
- ઈન્ડોર સેટલાઈટ ડેટા માટે ક્રોસ-ઈન્ડોરિયામાં અગ્રણી સેટલાઈટ નવીનીકરણ સેટલાઈટવાળા
- અગ્રણી સેટલાઈટવાળા ડેટા નિકાસ સેવા સેટલાઈટ માટે સેવાઓનું ઓન-લાઈન ડ્રાઈવ સિમેન્ટીક સેમેન્ટેર
- ડીપ લર્નિંગ માટે ઓન-લાઈન ઉપચોગ કરીને આપક ડેટા માટે ઈમેલને ડેટાના કડીની

કરી રહ્યા છે. સાથપર મોડેને અટકાવવા અને ડિજિટલ અરેન્ડેની સમસ્યાના વિવાદોના પરિણામ તરીકે આ કાર્યકરોએ આ સમસ્યાઓનું નિવારણ સમજાવે નિયેષોની સાથિત થઈ રહ્યા છે.

ISROના 27 સાયન્ટિસ્ટ બે વાર મેટરિઝ કરીને વિદ્યાર્થીઓને મદદરૂપ બની રહેશે

વિદ્યાર્થીઓને આપવામાં આવેલ સમસ્યાનું સમાધાન 50% સુધી પણ મળી શકે તે રીતે આ કાર્યકરો આવી રહ્યા છે. આ વાર તેમણે 36 કલાકના ક્ષેત્રમાં મળેલા વિદ્યાર્થીઓને મદદ કરીને ISROના 27 સાયન્ટિસ્ટની ટીમ પણ સજ્જત કર્યો છે. જેઓ વિદ્યાર્થીઓના આશ્ચર્ય માટે 2 વાર તેમને મેટરિઝ કરી રહ્યા છે અને પ્રોજેક્ટના લેબલોએકાન માટે પણ 2 વખત મદદરૂપ બની રહેશે.

Startup idea

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સ્થાનસ્પતીકામાં વધી છે

ભેલકાં, બેન્ટોડા, કિન્ટોડા, કોડામનં જેવા ઉંચા સ્થાનસ્પતીમાં માટે સૌથી વધુ તાપમાન છે. આ સ્થાનસ્પતીઓમાં વાવાકા વધુમાં વધુ ઘટી રહ્યા છે. સાથે જોડાયેલાં સેતુઓની માંગ અત્યંત વધીને જાય છે. સ્થાનસ્પતીમાં માટે સૌથી મોટું કારણ છે, ગ્રાહકો વૃદ્ધિશક્તિની પેનિંગ અમર, અને ટેકનિકલ નિયુક્તિ વાળી વૃદ્ધિ છે. સ્થાનસ્પતીમાં બેન્ટોડાની શોધના પાછાં અને માંડુલીની વૃદ્ધિમાં સ્થાનસ્પતીમાં વધારો થાય છે. પણ આવરણ છે. આરોગ્ય, કૃષિ, શિક્ષણ અને સ્થાનસ્પતીમાં વધારો થાય છે. ઉદ્યોગોમાં વધારો થાય છે. વિકાસ જેવા ક્ષેત્રોમાં વધારો થાય છે. વાવાકા વધારો થાય છે. જનવસ્તી વધુ મુજબ વાવાકા વધારો થાય છે. વાવાકા વધારો થાય છે. આ ક્ષેત્રોમાં વધારો થાય છે. વાવાકા વધારો થાય છે. ઉદ્યોગ વધારો થાય છે. વાવાકા વધારો થાય છે.

સ્ટાટ અપ • શહેરનાં દંપતીએ બાળકોને STEM એજ્યુકેશન આપતી પ્રોડક્ટ બનાવી

‘મેક એન્ડ બ્રેક’ બાળકોનાં લાનિંગ પ્રોસેસ સુધારે છે

અમદાવાદ : ગુજરાત ટેલિગ્રાફિકલ
યુનિયનના સદસ્ય અરુણેશ્વરભાઈ
સેલ્ડના સ્ટેટમેન્ટ અનુસાર શ્રેડેન્
તેજાનનાં 'ખેડ' મેસેજ ટેલિગ્રાફ
નાઈટિંગના એવોર્ડ અભ્યાસ કરાશે
છે. આશાએ એવોર્ડના પાલન
આપનાં આ સ્ટેટમેન્ટ પર કોર્ટ STEM
એક્સક્યુટિવ ડેલેગેશનનાં ધ્યાન પર
છે. છેલ્લા એક વર્ષનાં આ સ્ટેટમેન્ટ
દિશાનુસાર 6 વર્ષથી પણ વધુ પ્રકારનું
વેચાણ કરે છે. તેમજ તાજેતરનાં તમલ
પ્રકારને વધુ સારી રીતે સમજાવે છે
પણ સ્ટેટસ કરે છે. કોલેરા ઉપર નિષેઢ
શમાં એક સ્ટેટસ શમાં એ રીયાર કરેલ
આ સ્ટેટમેન્ટનાં પોલુનું એક
કરે રીયાર કરવાની ખાત્રા કરે એક
અલબ કાકારનું લખેનાં પણ આપે છે.



आजकल टोयल साथे रसलव साईडफूड मॉडर्न मशीन
आजकल रसकालीन आसले दिशेला खाईकामां मॉडर्न मशीनज्मनी मेलेल खेले मेलेलिन खंडू मेलेलु. 2022 माला आ प्रोडक्ट उपलवध मेलेला खंडू व पुं सुल्लखाली नमेल 45 अणार शेजळी आउडलव अणार शेजळी पाउडर, कलामा माल साथे शेजळी सायले खेले.

આ ટોચ પ્રોજેક્ટ સ DAV
કોલેજોથી તૈયાર કરાયા છે
DAV કોલેજોથી તૈયાર કરવામાં આવેલ આ ટોચ પ્રોજેક્ટમાં આજ સુધી ૨૫માં બનાવેલ તરીકે બદલીને તે કોલેજોમાં કરવામાં છે. જેમાં પાંચ સ્કોલરશીપ ટ્રેનિંગો કરવામાં શરૂઆત કરવામાં છે. સાથે મેડીયન સિસ્ટમના જુલુ પાલિસિસ્ટન્ટ, મેડીયન સિસ્ટમને પસંદ કરવામાં છે. હાલ અમરેલીમાં ૫૪ સ્કોલરશીપ છે, જેની કિંમત રૂ. 1500થી 2000 સુધીની છે.



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