Gujarat Technological University

INTERNATIONAL INNOVATIVE UNIVERSITY

ACCREDITED WITH A+ GRADE BY NAAC

13TH ANNUAL CONVOCATION

SATURDAY
20TH JANUARY 2024

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 उज्जवल 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

सत्यमेव जयते

Letter No. 456/2023
Dt. 04.12.2023

Message

I am delighted to learn that the 13th annual convocation of Gujarat Technological University is being organized. My heartfelt congratulations go out to all the accomplished students who are now holders of prestigious degrees. The nation eagerly anticipates the valuable contributions of these enthusiastic graduates as they embark on their journey to serve India.

Our beloved and Hon'ble Prime Minister Shri Narendrabhai Modi consistently recognizes and values the potential of the youth in our nation. India proudly boasts the world's largest reservoir of young talent, serving as the ultimate strength and asset for our country. Under the leadership of our Hon'ble Chief Minister Shri Bhupendrabhai Patel, Gujarat takes the lead in fostering opportunities for the youth of the state.

In a brief period, GTU has attained remarkable milestones. The noteworthy accreditation with an 'A+' grade in the inaugural cycle of NAAC stands as a major achievement. Additionally, the university's recognition through awards across various categories from diverse organizations exhibits its commendable and progressive contributions in numerous sectors.

In the midst of navigating the challenges posed by a rapidly evolving world, Gujarat Technological University takes the lead in equipping its students with the essential skills and knowledge required to thrive in the digital age.

I extend my best wishes to the graduates as they embark on new and exhilarating journeys. May your expertise, capabilities and enthusiasm persist in creating positive global transformations.

Regards,

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

MESSAGE FROM PRINCIPAL SECRETARY, EDUCATION DEPARTMENT

Mukesh Kumar, IAS
Principal Secretary
(Higher & Technical Education)

सत्यमेव जयते

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

Date : 01 DEC 2023

MESSAGE

I express my deepest congratulations to the entire Gujarat Technological University community on the successful conclusion of yet another academic year, culminating in the convocation event, with enormous pride and satisfaction.

The convocation is a major occasion at which we not only recognize fresh graduates' academic achievements, but also the collective efforts of teachers, staff, and administrators who have played a critical part in shaping the future leaders of the nation's technological environment.

I congratulate the graduates on their dedication, perseverance, and commitment to pushing the boundaries of technical innovation. Your achievements are an inspiration to future generations and a testament to Gujarat Technological University's superior educational quality.

I am confident that Gujarat Technological University would continue to work for the society's long-term development.

(Mukesh Kumar)

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REPORT BY HON'BLE VICE CHANCELLOR

Namaskar

Honourable **Shri Acharya Devvratji**, Governor of Gujarat and Chancellor, Gujarat Technological University; **Shri Rajiv Chandrasekhar**, Honourable Union Minister of State for Electronics and Information Technology and Union Minister of State for Skill Development and Entrepreneurship; **Shri Bhupendrabhai Patel**, Hon'ble Chief Minister of Gujarat; **Shri Rushikesh Patel**, Hon'ble Minister, Higher & Technical Education of Gujarat; **Shri Mukesh Kumar**, IAS, Principal Secretary, Higher & Technical Education, Government of Gujarat; **Shri Banchhanidhi Pani**, IAS, Commissioner of Technical Education, Gandhinagar, **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 of Affiliated Institutions, Guests from Industries, Parents, Faculty Members, Staff and invited guests. I feel privileged to welcome you all to the 13th Convocation of the University. I congratulate all the students who will receive the degree at this Convocation. I also congratulate the faculty members and parents of these students for extending their support and guidance towards their success.

AWARDS & RECOGNITIONS

I am delighted to share about the University's achievements during 2023 –

- GTU is accredited with **A+ Grade by NAAC** in its very first cycle.
- Graduate School of Pharmacy secured a **71st rank in all over India in the prestigious National Institutional Ranking Framework (NIRF)** in Pharmacy discipline.
- PG - Computer Engineering (Cyber Security) course offered by Graduate School of Engineering and Technology (GSET) is accredited by **'National Board of Accreditation (NBA)'** from the A.Y. 2023 to 2026.

DEGREE / DIPLOMA / PH.D. TO BE CONFERRED IN 13TH CONVOCATION

- I congratulate all **48,575 students** and **146 gold medal winners** who will receive degrees at this Convocation.
- Every year a gold medal is also given to one of the Startups incubated at GTU to strengthen entrepreneurship.
- In this Convocation, **28,665 UG degrees** will be awarded. 23,883 undergraduate students in Engineering, 3089 undergraduate students in Pharmacy and 1693 undergraduate students in other disciplines (B.B.A., B.C.A., B.Arch., B.H.M., B.I.D., B.Voc., B.Tech., B.Tech. -PDDC) will get the degrees.
- **5103 Masters degrees** will be awarded. 461 students of Master of Engineering, 654 students of Master of Pharmacy and 3988 students of other disciplines (M. Arch., MBA, MCA, M.Sc., M. Tech.) will get the degrees.
- **51 Doctoral degrees and 14,452 Diploma** 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. 2022-23 –

- **Seed Money Scheme (SMS):** Rs. 15, 81,320/- were approved by the University as Seed Money grant facilitating 14 teachers and 11 students of GTU Schools.
- **Financial Assistance Scheme for Teachers (FAST):** Rs. 1, 80,957/- was disbursed as financial assistance to 23 teachers.

- **Staff Recognition Scheme (SRS):** 19 staff members were benefited by the scheme and Rs. 1,15,000/- was disbursed as a financial reward to them.
- **Administrative Staff Appreciation Policy (ASAP):** In the F.Y. 2022-23, 07 sections were awarded as Best Section and 12 employees were awarded as Best Employee under the scheme and Rs. 1,30,000/- 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 was Rs.10,56,000/- for conducting minor research projects.

ACADEMIC FRAMEWORK

- GTU offers Bachelor of Engineering (BE) in 54 branches out of which 11 branches are in emerging areas like Artificial Intelligence, Data Science, Machine Learning, VLSI, EVs etc.
- Professional core courses have 30% weightage while approximately 15% are basic Science courses.
- Project work, seminar and internship in industry has nearly 10% weightage in overall credits system for BE. Computer Engineering, Civil Engineering, Mechanical Engineering, Information Technology and Electrical Engineering were the top branches in which 19425 students completed their internship projects this year.
- Apart from this, more than 22 % courses have elective options for the students to choose the courses as per their choice.
- Adoption and implementation of Minor/Honours Degrees in the A.Y. 2021-22 from Semester 4 to 7 of BE under Value Added Courses to provide flexibility to students to achieve the additional qualification while completing their current academic program. Presently 16 institutes offer 20 branches of Minor courses to 1622 students.
- The curriculum of Master of Engineering is framed based on the 'UGC framework for post-graduate programs' which incorporates the essence of NEP 2020 and National Credit Framework (NCrF). GTU offers Master of Engineering (ME) in 87 branches.
- Dissertation and Electives have nearly 32% weightage each in overall credits of ME.
- GTU runs Centre for Continuing Education (CCE) in which more than 2800 beneficiaries have earned certificates under the domains of Pharmacy, Tourism & Hospitality, Computer Science, Multidisciplinary, Electrical Engineering, Solar and Electrical Engineering, Business Administration, Sports, Mathematics, Mechanical & Civil Engineering, Civil Engineering and Manufacturing Technology.
- GTU Alumni are working in prestigious organizations in various sectors of Engineering, Operations, Business Development, Information Technology and Services.

INITIATIVES TOWARDS IMPLEMENTATION OF NEP-2020

GTU has taken proactive steps to implement the NEP 2020 -

- **Curriculum & Pedagogy:** University is regularly revising and updating the syllabi of courses by including Communication and Social Science, Engineering Science, Project work, Personality Development (Value Education), Professional Electives, Open Electives and Internship etc. The emphasis is on relevant, updated, and engaging curriculum, supported by quality teaching practices. Continuous formative assessment has been implemented to ensure learning improvement and practical application. University also promotes student wellness through fitness, good health, psycho-social well-being, and ethical grounding which is vital for quality education.
- **Vocational Education Integration:** Vocational education offers skill enhancement. GTU has promoted vocational courses in various bachelor's and diploma programs to meet industry needs.
- **Policy to incorporate Working Professionals to up-skill their career by joining the Degree and Diploma Engineering Programs**: This initiative helps individuals by gaining industry/field experience while completing their studies. Rules for Working Professionals are framed for B.E./B.Tech. and Diploma Engineering programs based on the AICTE guidelines.

- GTU has adopted **Policy on Academic Bank of Credits** of every enrolled student, to get the benefit of credits accumulation and transfer for achieving flexibility for various disciplines at Diploma, Undergraduate and Postgraduate levels.
- **Adoption of Contributor Personality Development Program (CPDP)** and **Integrated Personality Development Course (IPDC)** in the Diploma and Bachelor of Engineering programs for the overall development of the students.
- Implementation of IIT External Students' program in Civil, Mechanical, Electrical, Chemical and Computer Engineering branches of Bachelor of Engineering, where students will get a chance to study the whole semester at IIT Gandhinagar.
- Inclusion of Design Engineering courses in Bachelor of Engineering to develop Design thinking to solve real life problems.
- **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. 20 translated books of 1st year UG and Diploma Engineering, developed under the AICTE Technical Book Writing Scheme, were released by **Prof. T. G. Sitharam, Hon'ble Chairman, All India Council of Technical Education (AICTE)** on the occasion of 16th Foundation Day of the university on 16th May 2023. Presently translation of 42 UG and 46 Diploma Engineering books of second year is ongoing with the support of 176 translators and reviewers.
- **School of Indian Knowledge System (IKS) & Dharohar – Center for IKS:** School of IKS has been established in 2022 and 'MA in Hindu Studies', a two-year Post Graduation Degree Programme, is presently offered. 35 students have registered from various parts of the country and are studying 16 core subjects and 8 projects of IKS.
- Dharohar Center is recognized as a **'Bhasha Kendra'** by IKS Division, AICTE, New Delhi and has been sanctioned a grant of Rs. 9, 45000/- for various academic activities.
- Dharohar Center also received **State Government grant of 15, 00,000**/- for translation and creating E-Content in Gujarati on IKS topics.

PH.D. PROGRAM

- From the initiation of the doctoral studies at the University, **528 Ph.D. degrees** have been awarded till November 2023.
- Presently the University is offering doctoral studies in **22 disciplines**.
- Post-Doctoral Fellowship Programme (PDF) has also been initiated at GTU.
- GTU offers fellowship to 22 Ph.D. students.
- Presently the University has **643 recognized supervisors**.
- 100 research scholars have received doctoral degrees till mid-December, 2023 and have published **277 peer reviewed papers** in UGC Care, SCOPUS and Web of Science indexed journals. Research scholars have also filed **11 Indian and 2 international patents**.
- The University has instituted **SPRIHA IPR – Chair Professor** established under Scheme for Pedagogy and Research in IPRs by Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Government of India.
- **Research Centres of the University**: Department of Pharmaceutical Science (spz. in Pharmaceutics) at Anand Pharmacy College, Anand is recognized as a Research Centre of the University under Faculty of Pharmacy and Gujarat Biotechnology Research Centre (GBRC), Gandhinagar is recognized as a Research Centre of the University under Faculty of Applied Science for Biotechnology.

INTERNATIONALIZATION & COLLABORATIONS

International Experience Program 2023: 87 students of Engineering, Pharmacy & MBA participated in IEP 2023. GTU sponsored the academic cost of teaching for all students. IEP was organized at Laurentian University, Canada for BE CE/IT/ICT/IT & Pharmacy students. BE Mechanical students visited University of Wismar, Germany & MBA students visited Varna University of Management, Bulgaria for IEP.

Enrollment of Foreign Students in 2023: In the current academic year GTU has received more than 2500 applications through ICCR for admission into various courses offered by GTU. Out of these applications, 112 foreign students from 27 countries have been given admission in A.Y. 2023-24 at various affiliated institutes of GTU & GTU Schools.

Interaction with Foreign Universities/Delegations: For exploring the collaborative opportunities with GTU, Dept. of International Relations hosted delegation from various foreign universities like:

- ECAM LaSalle School of Engineering, Lyon, France
- South Dakota State University, USA, Engineering Institute of Technology, Australia
- University of Wollongong, Australia
- University of Technology, Sydney, Australia
- Limkokwing University, Malaysia

Representation of Higher Education of Gujarat as a part of Vibrant Gujarat Delegation to Australia and Singapore: To promote the investment and collaboration opportunities under Vibrant Gujarat Global Summit 2024, one of the delegations led by Additional Chief Secretary, Labour, Skill Development and Employment Department visited Singapore and Australia during October-November 2023. Vice Chancellor GTU represented the higher education of Gujarat in the various roadshows and educational round table meetings at both countries.

MoUs: In 2023, GTU signed 20 MoUs with various prestigious institutes, industries and international organizations to explore new avenues of collaborations.

STARTUP AND ENTREPRENEURIAL ECOSYSTEM

- GTU Innovation and Start-up Centre encourages incubation & innovation amongst the GTU student's fraternity. **115 Start-ups are registered** under DIPP/DPIIT and **700 Start-ups are supported** by GTU GISC.
- **16 crore of Start-up grant** has been given and **total revenue generated is 47 crores**.
- GTU-GISC incubated Start-ups generated 3000+ employment in 2023-24.
- GTU-GISC incubated Start-up **Paathshala** raised a series -A funding round of 20 lakhs at a valuation of 5 Crore.
- GTU-GISC incubated startup **Mr. Ujjal Shah, founder of Mr. Engineer,** has designed a product to assist physically challenged individuals, a next generation electric vehicle solution aimed at promoting Atmanirbhar. Gujarat Police may purchase these products from the CSR Fund to support disabled police officers who have lost limbs in the line of duty.
- GTU AIC-GISC incubated start-ups (Milibolt HealthTech Pvt. Ltd. And Billioncarbon Solutions Pvt. Ltd.) received 2.5 lakhs grant from Start-up Srujan Seed Support.
- GTU AIC GISC incubated startup **Decipher DNA** received funding assistance of Rs 25 lakhs for the scheme of assistance for Startup/innovation policy 2020 by SLEC, NIC GOG.

GTU POST GRADUATE DEPARTMENTS

(i) Graduate School of Engineering & Technology (GSET)

- GSMS has admitted 126 professionals in the International Business, Hospital Management, and Digital Marketing programs in the academic year 2023-24
- 9 international students from 6 different countries have enrolled at GSMS in the A.Y. 2023-24
- Publications by faculty members in SCOPUS/UGC-Care journals during the last year were 12. They also participated/presented papers at 20 national and international conferences/seminars.

(ii) Graduate School of Management Studies (GSMS)

- GSMS has admitted 126 professionals in the International Business, Hospital Management, and Digital Marketing programs in the academic year 2023-24
- 9 international students from 6 different countries have enrolled at GSMS in the A.Y. 2023-24.
- Publications by faculty members in SCOPUS/UGC-Care journals during the last year were 12. They also participated/presented papers at 20 national and international conferences/seminars.

(iii) Graduate School of Pharmacy (GSP)

- Graduate School of Pharmacy has been appreciated as one of the Best-performing National Digital Library of India (NDLI) Clubs in Gujarat State.
- Faculty members published 12 book chapters, reviewed and published 13 research papers, received 3 patents and 4 awards.
- Two professors of GSP visited Copenhagen Business School, Denmark and Seoul, South Korea to do the short-term courses.
- GTU - Public Testing Laboratory in collaboration with the Quality Council of India conducted a training program on Laboratory Systems & Internal Audit as per ISO/IEC 17025:2017 for 35 participants from different pharma industries, research laboratories, management companies, agriculture industries and chemical industries

(iv) School of Applied Sciences & Technology (SAST)

- SAST received 2 extramural major research grants (67 Lakhs and 45 Lakhs, respectively) and 9 minor research grants.
- SAST faculties and Ph.D. Scholars published 20 research papers in reputed international peer-reviewed journals, including those in high impact journals of Frontiers, Springer and Elsevier. The papers reached a wide-audience globally last year with more than 680 citations in the year 2023.
- In the innovations sector, two patents were granted in the field of biomedical technologies.
- SAST conducted 5 hands-on training on animal cell culture, bioinformatics and molecular biology, medical devices; additionally, 2 collaborative training sessions were conducted under the on-going MoU with Gujarat Biotechnology Research Centre (GBRC) Gandhinagar.

(v) Gujarat Power Engineering and Research Institute (GPERI):

- Gujarat Power Engineering and Research Institute started offering Diploma Engineering in (Civil Engineering, Electrical Engineering, Computer Engineering, Mechanical Engineering) from 2023-24.
- Industry Academia Conclave was organized on 4th March, 2023. The meeting was attended by more than 50 entrepreneurs, industrialists, representatives from GWSSB, Railways, ONGC and R&B.
- Faculty members published 09 research papers in peer reviewed journals and have obtained 05 Indian patents.

ACHIEVEMENTS OF AFFILIATED COLLEGES

Ranking:

- L.M. College of Pharmacy secured 58th rank & Graduate School of Pharmacy, GTU secured 71st rank in NIRF India Rankings 2023 - 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 i.e. total five affiliated institutes are accredited by NAAC valid score.
- Total 37 affiliated institutes are accredited by NBA in a total of 86 courses.

Autonomous:

- Birla Vishvakarma Mahavidyalaya' and 'Shree Dhanvantary Pharmacy College' are given Autonomous Status by UGC.

Placements:

- For Academic Year 2023-24, more than 4000 students from various affiliated institutes have been placed in various organizations.

INTERNSHIPS, PLACEMENT AND INDUSTRY COLLABORATION

Recruitment Drives:

- In 2023, Integrated Training and Placement Cell (ITAP) of GTU executed various recruitment drives for students. A total of 97 companies participated, and 600 vacancies were floated to institutes from Jan – Dec. 2023.

Internship Drives:

- In 2023, ITAP- GTU conducted Internship drives for students where 670 students were placed in internships with reputed organizations like IBM directly by GTU.

Centre for Career Counselling and Advancements (CCCA) under ITAP:

- CCCA organizes guidance sessions for aspirants preparing for Gujarat Public Service Commission (GPSC) general administration.
- During the training programs experts from GTU and from the respective domains provided guidance on various aspects like State Profile, Current Affairs, GPSC expectations from students, Communication Skills Situational based questions, Students Group activity Roles & responsibilities of Officers to GPSC aspirants.

SPORTS, CULTURAL AND G-20 ACTIVITIES

- 'Mass Surya Namaskar and World Yoga Day Protocol Training Program' was organized by the Sports and NSS teams of GTU on 17th June 2023.

- Drug Free India Campaign was jointly organized by Gujarat Technological University, Department of Education, Government of Gujarat and Art of Living on 15th March 2023. The distinguished guests were Gurudev Sri Sri Ravi Shankar; Shri Balvantsinh Rajput, Hon'ble Cabinet Minister; Shri Harsh Sanghvi, Hon'ble Minister of State and approx. 40 Gujarati artists.

- GTU organized State level Start-up Fest 2023 with Sneh-Shilp Foundation.

- GTU actively engaged in the **G-20** initiatives through '**University Connect**.' Proactive measures were taken to integrate the G-20 agenda wherein various departments and affiliated institutes enthusiastically participated in a series of activities aligned with the identified themes.

- My thanks to all those who have contributed in making 2023 a successful year – Registrar, GTU staff, affiliated institutions, faculty members, students, outstanding members of the Board of Governors, Academic Council, Research Council and Finance Committee, Deans, Associate Deans, members of Board of Studies, Advisory Committees, alumni of GTU and numerous other supporters.

Dr. Rajul Gajjar

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	Chairman As per GTU Act Sec. 15 – 2(i)	
2	**Prof. (Dr.) Shailesh D. Panchal** Director, GTU - Graduate School of Engineering & Technology	Member As per GTU ACT Sec. 15 – 2(ii)	
3	**Prof. (Dr.) Chetan B. Bhatt** Dean - Gujarat Technological University, Ahmedabad, Gujarat	Member As per GTU ACT Sec. 15 - 2(iii)	
4	**Shri Mukesh Kumar, I.A.S.** Principal Secretary Higher & Technical Education Education Department, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(iv)	
5	**Shri K. M. Bhimjiyani, I.A.S.** Secretary (Expenditure), Finance Department, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(v)	
6	**Shri P. B. Pandya, I.A.S.** Commissioner Higher Education, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(vi)	
7	**Prof. (Dr.) J. M. Vyas** Vice Chancellor, National Forensic Science University	Member As per GTU Act 15 – Sec. 2(viii)	

8	**Shri Vivek Prahaladbhai Patel** Managing Trustee, Anand Niketan Group of Schools	Member As per GTU Act Sec. 15 – 2(viii)	
9	**Shri Banchha Nidhi Pani, I.A.S.** Commissioner Technical Education, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(ix)	
10	**Prof. (Dr.) Unnat Pandit** The Controller General of Patents, Designs & Trade Marks	Member As per GTU Act 15 – Sec. 2(x)	
11	**Dr. Abhimanyu Samrat** The CEO & MD, Samrat Associates	Member As per GTU Act 15 – Sec. 2(x)	
12	**Shri Rajubhai Shah** Managing Director, Harsha Engineering	Member As per GTU Act 15 – Sec. 2(x)	
13	**Shri Utkanth Bhandari** Director, Streamline Controls Private Limited	Member As per GTU Act 15 – Sec. 2(xi)	
14	**Ms. Anuja Piplapure** The Project Manager, iGuru Software Services Pvt. Ltd.	Member As per GTU Act 15 – Sec. 2(xi)	
15	**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	Chairman
2	Dr. Deepak Srivastava, Director, Indian Institute of Management, Ranchi	Member
3	Dr. V. K. Srivastava Vice Chancellor, M.S. University	Member
4	Dr. Pramod M Padole, Director, Visvesvaraya National Institute of Technology, Nagpur	Member
5	Dr. Gaurav Trivedi, Associate Professor, IIT Guwahati	Member
6	Dr. S. D. Panchal, Professor and Director, GTU Graduate School of Engineering	Member
7	Dr. Sanjay Chauhan, Professor and Director, GTU Graduate School of Pharmacy	Member
8	Dr. G. P. Vadodaria, Principal, GEC, Bhavnagar	Member
9	Dr. C. N. Patel, Principal, Shri Sarvajanik Pharmacy College, Mehsana	Member
10	Dr. M. T. Chabaria, Principal, L. M. College of Pharmacy	Member
11	Dr. C. H. Vithalani, Professor, L.D. College of Engineering	Member
12	Dr. D. G. Thakore, Professor, BVM Engineering college	Member
13	Dr. V. S. Purani, Principal, GEC Valsad	Member
14	Dr. Paresh Kotak, Principal, Dr. S.& S. S. Ghandhy Government Engineering College, Surat	Member
15	Dr. Pravin Rathod, Professor, Govt. Engineering College, Bhuj	Member
16	Dr. S. N. Pandya Professor, Vishwakarma Government Engineering College	Member
17	Dr. Rupesh Vasani, Principal, Sal Engineering College, Ahmedabad	Member
18	Dr. Trupti Almoula, Director, Narmada College of Management, Bharuch	Member
19	Dr. K. N. Kher, Registrar, GTU	Secretary

FINANCE COMMITTEE

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

MESSAGE FROM DEAN

Prof. (Dr.) G. P. Vadodaria
Dean, Faculty of Engineering

"Education is the foundation upon which we build our future." - Christine Gregoire

Dear Graduates,

It is with immense pride and joy to congratulate the exceptional individuals who are graduating this year from Gujarat Technological University. This is a momentous occasion, one that marks the culmination of years of hard work, dedication, and unwavering commitment to the pursuit of knowledge. As Dean, Faculty of Engineering, I have had the privilege of witnessing your growth, both academically and personally, during your studies at GTU. Today, we celebrate not only the acquisition of technical skills but also the development of resilience, adaptability, and a spirit of innovation that will serve as the foundation for your promising futures.

The quest of technological perfection has been the defining characteristic of your engineering career. You have immersed yourself in the complexities of the fields you have chosen, learning intricate theories and gaining the know-how required to tackle the problems our quickly changing world faces. Your expertise in electrical circuits, structural designs or cutting-edge software applications puts you at the forefront of innovation in these technological fields. The knowledge you've gained during your time at university is more than just a collection of facts and equations; it is a toolkit that empowers you to bring about positive change. As you step into the professional realm, remember that your technical expertise is a powerful asset, one that will open doors and enable you to contribute meaningfully to the field of engineering.

In addition to your technical prowess, we have placed a strong emphasis on acquiring soft skills – the intangible qualities that transform a technically proficient graduate into an outstanding professional. Communication, collaboration, adaptability, and ethical decision-making are the cornerstones of these skills. Your ability to communicate complex ideas, collaborate seamlessly with diverse teams, and adapt to new challenges is a testament to your holistic education. These soft skills are not just compliments to your technical expertise; they are the bridges that connect innovation with impact. As you enter the workforce, remember that success is not solely measured by your ability to solve problems but by your capacity to collaborate, communicate, and lead with integrity. An important phase of your life ends today giving birth to a more challenging phase. Your time at university has been a transformative experience, but the world beyond these walls is vast and filled with opportunities waiting to be seized. I appeal to you to approach the next phase of your journey with a sense of curiosity, a commitment to lifelong learning, and a willingness to embrace the unknown. Your role as engineers extends beyond the technical. You are, in essence, agents of change and innovation. As you navigate the complexities of the professional world, I offer a few guiding principles to carry with you. Try to embrace challenges, foster collaboration, lead with integrity, and always stay curious to learn something new and explore the unexplored; as success is the outcome of continuous efforts, diligent work and never ending spirit.

Graduates, know that the GTU family is supporting you as you stand on the threshold of a fresh start. You are not just graduates; you are ambassadors of knowledge, stewards of progress, and architects of a future that you will help shape. Congratulations again and may your futures be filled with success, fulfilment, and the realization of your aspirations. All the best for future endeavours.

Dr. Trupti S. Almoula
Dean, Faculty of Management

Namaste to all

The last academic year has been a year of many possibilities being opened up. Orientation to multidisciplinary learning, flexibility, multifaceted personality development, platforms for self-paced learning, subjects of contemporary importance, diverse and new job opportunities, focused research and development initiatives and the like, characterized the last year. These and many more initiatives enthusiastically supported by GTU Leadership and GTU Team and the cooperation and participation of all affiliated Institutes, their faculty staff and students, has resulted into Gujarat Technological University proudly earning an A+ Grade from NAAC. Many Congratulations to one and all.

Management education too is undergoing an overhaul. With fundamentals remaining the same, the advent of technology calls for approaching management practices differently. The growing importance of new or modified perspectives like sustainability, collaboration, outsourcing, contractual employment, and many more is bound to impact the methods of working and producing desired business results.

Our country's initiatives of Make in India, import substitution, export orientation, entrepreneurship development, promotion of start-ups, technological innovations and R&D, tribal and rural development and mainstreaming through infrastructure development, etc. are all opening up a sea of opportunities for one and all who aspire and act prudently.

Dear students, while this mix of challenges and opportunities await you as you step into the professional world, I am sure you all are equipped with the required skill set as well as cognitive aptitude to make the best of all opportunities that come your way, amidst various challenges that will always be there. I appeal to all of you to read and learn continuously, network with proficient practitioners, experiment with new ideas, continuously innovate work processes and exhibit responsible citizenship behavior at the workplace as well as in the community.

On behalf of the entire Management fraternity, I wish one and all, all the very best of family, social and professional life. Once again, many hearty CONGRATULATIONS to all of you for giving a great performance!

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

विद्या ददाति विनयं, विनायाद्याति पात्रताम् |
The Upanishad says; Education gives Humility with Knowledge, Humility gives Worthiness.

The Government of India has taken many initiatives to promote startup and entrepreneurship in the Bharat. For youth, this is the best time in the nation to start-up and scale-up new entrepreneurial initiatives and to be a 'Job Giver' rather than a 'Job Seeker'. As per DPIIT, Ministry of Commerce, more than 11,000 startups have been registered in Healthcare, Pharmaceuticals, and allied sectors, of which 1167 startups have been registered from Gujarat on the Startup India portal.

The integration of technological innovations is necessary to make education contemporary. For this purpose the educational institutions must collaborate with industries and various socio-cultural & socio-economical organizations. The implementation of recommendations from the NEP-2020 will be instrumental in creating a vibrant educational environment with following objectives:

-To make the entire education process 'interesting', there is a need for a participatory and innovative teaching system as well as a pleasant meaningful campus environment.
-To increase student participation, it is essential to incorporate innovations such as research, surveys, group discussions, experiments, internships and artificial intelligence into the education system.
-To take up challenges posed by information technology, teachers need to be trained and ideal Brick & Click model must be followed.

The need for the development of curricula aligned with the भारतीय ज्ञान परंपरा (Bharatiya Knowledge System) is being sensed instead of the western-centric education system. Educational institutions need to create a favorable academic environment and focus on the holistic development of students that facilitates building their personal, social and national character. This may involve the integration of arts, sports, service and environmental activities into the curriculum. These activities, through the participation of students, in various sectors of social life, cannot only make the compasses lively, but also discharge their social and national responsibility. The construction of such striking and quality campuses should be the obligatory goal of all educational institutions.

GTU is constantly striving towards its vision to be a world- class University leading technological socio-economic development of the nation. To ensure “Bharat” as “Viksit Bharat”, as appealed by our Honourable PM Shri Narendrabhai Modi, we will have to execute hard work with great commitment.

I happily congratulate the passing out students of GTU for their academic & research achievements and cordially wish them every success in their personal and professional life.

Dr. Chetan Bhatt
Dean, Faculty of Computer Application

On behalf of the faculty of Computer Application, I offer my heartfelt congratulations to all the graduating students. I am proud that you have completed your study in computer application, an area of study that touches the lives of everyone. You have the opportunity to serve society and the nation.

Society and the Nation now need highly qualified computing professionals who can solve real-life problems. India has many mission programs such as 'Digital India,' 'Make in India', 'Start-up India', 'Skill India', 'Atmanirbhar Bharat', and many more to make our nation a developed country by 2047. Our beloved nation, India, hopes that her young skilled professionals will contribute to society's well-being and nation-building. I am sure that the graduating students of the Gujarat Technological University (GTU), with their high ethics, skills, and knowledge, will live their dreams and also meet the expectations of our great nation, society, and family. You are always a part of our GTU community. I hope that you will not forget your university, college, former professors, and fellow friends. I encourage you not only to give back to your Alma Mater by supporting activities and sharing knowledge but also by keeping them updated on your achievements in your professional life.

I wish you all the best in your future endeavours.

Dr. Paresh Raval
Dean, Diploma Engineering

Dear Students, Faculty, and Families,

This annual book serves as a tribute to your remarkable academic journey that starts with online education of corona periods, the knowledge gained, friendships formed, and challenges overcome during your time at our esteemed university. Your resilience and commitment to excellence have not only shaped your own futures but have also contributed to the rich tapestry of our university's legacy. In the narratives woven within these pages, we see the collective impact of an Industry-community dedicated to fostering learning, critical thinking, and innovation. Our faculty and staff have been steadfast in their commitment to providing guidance, mentorship, and an environment conducive to intellectual discovery. Each story shared in this book reflects the profound influence they have had on your academic journey. To the families and faculties who have stood by our students, offering unwavering support and encouragement, this annual book is a tribute to your role in their success. Your belief in their potential has undoubtedly played a crucial part in their achievements, and we are honored to share in the joy of this moment with you. In closing, let this annual book be a cherished keepsake—a reminder of the incredible journey you've undertaken and a source of inspiration for the chapters yet to be written. Your Alma mater takes immense pride in your accomplishments, and we eagerly anticipate the positive contributions you will make as you embark on new endeavors.

Congratulations, May your futures be as bright and promising as the potential you have displayed throughout your time at our university.

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. Hemal Patel (Deputy Engineer), Mr. Milan Pathak (Media Section Head-IPRO), Mr. H. D. Rahul (Chief Accounts Officer), Mr. Hardik Leuva (Graphics Designer), Dr. Kaushal Bhatt (Associate Professor), Dr. Keyur Darji (Director), Dr. Komal Borisagar (Associate Professor), Dr. Mihir Shah (Advisor - GIC), Mr. Mahendra Chaudhary(CEO – AIC GISC), Mr. Mahesh Panchal (Assistant Professor), Ms. Manisha Gauniyal (OSD), Dr. Margam Suthar (Assistant Professor), Mr. Mukesh Parmar (Account Officer), Ms. Mona Chaurasiya (Research Coordinator), Dr. Pankajray Patel (Professor & Director), Dr. R.A. Thakkar (Advisor - R & D Cell), Mr. Ragesh Thakor (OSD), Dr. S. D. Panchal (Professor & Director), Mr. Sandip Modi (Computer Programmer), Dr. Sanjay Chauhan (Professor & Director), Dr. Sarika Srivastava (Assistant Professor); Ms. Seema Joshi (Assistant Professor), Ms. Shobhanarani T. Sengunthar (Statistical Officer), Dr. Shruti Anerao (OSD), Mr. Sumit N. Patel (Assistant Registrar), Mr. Tushar Trambadiya (Assistant Registrar), Dr. Tushar Panchal (Assistant Professor), Dr. Vaibhav Bhatt (Professor and Director), Dr. Viral Borisagar (I/C COE) 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 officials for their continuous cooperation in completing the task within specified timeline.

Annual Report Committee Members

Dr. Sarika Srivastava
Assistant Professor
Graduate School of Management Studies & Head - Conference Section, GTU

Ms. Mona Chaurasiya
Research Coordinator & Head
PhD Section, GTU

Dr. Neela Multani
Assistant Professor
Graduate School of Management Studies, GTU

Support by

Ms. Babita Gupta
Office Assistant
Conference Section

Mr. Ankit Rana
Office Assistant
Conference Section

Mr. Hardik Leuva
Graphics Designer
Media Section

DEANS

SN	Name	Faculty	Institute
1	Dr. G. P. Vadodaria	Engineering	Government Engineering College, Bhavnagar
2	Dr. C. N. Patel	Pharmacy	Shri Sarvajanik 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 Raval	Diploma Engineering	R. C. Technical Institute, Sola, Ahmedabad

ASSOCIATE DEANS

SN	Name	Faculty	Institute
1	Dr. Jeetendra Vadher	Engineering	Government Engineering College, Modasa
2	Dr. Priyesh Gandhi	Engineering	Sigma Institute of Engineering
3	Dr. Chirag Thaker	Engineering	L. D. College of Engineering
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. Nehal Shah	Pharmacy	Indrashil University
7	Dr. Ashok B. Patel	Pharmacy	Government Pharmacy College, Gandhinagar
8	Dr. Dhiren P. Shah	Pharmacy	C. K. Pithawala Institute of Pharmaceutical Science & Research
9	Dr. Supriya Bhutiani	Management	Som Lalit Institute of Business Management
10	Dr. Harishchandra Singh Rathod	Management	Shri Jairambhai Patel Institute of Business Management and Computer Application, Gandhinagar
11	Dr. Bindiya Soni	Management	Anand Institute of Management, Anand
12	Dr. Sampada Kapse	Management	Tolani Motwane Institute of Management Studies
13	Dr. Jaykumar Patel	Computer Application	Chaudhri Technical Institute
14	Dr. Vimal Parmar	Computer Application	Dr. Subhash Technical Campus
15	Dr. Rajnish Rakholia	Computer Application	S S Agrawal Institute of Management and Technology
16	Dr. Shital T Shah	Diploma Engineering	Khyati School of Engineering
17	Dr. Sanjay Dave	Diploma Engineering	Bhailalbhai & Bhikhabhai Institute of Technology
18	Dr. Paresh Kotak	Diploma Engineering	Government Polytechnic Rajkot
19	Dr. Jayesh Shah	Diploma Engineering	Pacific School of Engineering
20	Dr. Paresh Shah	Diploma Pharmacy	Shri B M Shah College of Pharmacy
21	Dr. Ushma Anerao	Architecture	Retired Secretary, Technical Education Board
22	Mr. Bhaskar Iyer	Architecture	Principal, Government Polytechnic, Ahmedabad
23	Ms. Meghna Sutaria	Architecture	Professor, SAL School of Architecture

BOARD OF STUDIES

Board of Studies of Engineering:

- Board of Studies for Computer, EC and Allied branches (GSET-GTU)
- Board of Studies for Computer, Information Technology & ICT
- Board of Studies for AI & Data Science; AI & Machine Learning, Computer Science and Engineering (IoT, CS including Block Chain), Cyber Security & Other Emerging Branches
- Board of Studies for Electronics, Electronics & Communication
- Board of Studies for Civil, Infrastructure & Environment
- Board of Studies for Instrumentation and Control, Bio-Medical
- Board of Studies for Mechanical, Automobile, Industrial, Production, Manufacturing, Mechatronics
- Board of Studies for Electrical, Power Electronics
- Board of Studies for Smart & Sustainable Energy
- Board of Studies for Chemical, Plastic, Rubber Technology, Biotechnology, Food Eng. & Tech.
- Board of Studies for Textile Technology
- Board of Studies for Metallurgy
- Board of Studies for Mining
- Board of Studies for Robotics & Automation
- Board of Studies for Physics, Chemistry, Mathematics, Humanities

Board of Studies in Diploma Engineering:

- Board of Studies for Diploma in Architecture Assistantship & Diploma in Architecture
- Board of Studies for Diploma Engineering in Plastic Engineering, Metallurgy Engineering, Ceramic Engineering and Chemical Engineering
- Board of Studies for Diploma Engineering in Civil Engineering, Environment Engineering and Mining Engineering
- Board of Studies for Diploma Engineering in Computer Engineering and Information Technology and Computer Science and Engineering
- Board of Studies for Diploma Engineering in Physics, Chemistry, Mathematics and English
- Board of Studies for Diploma Engineering in for Instrumentation & Control, Electronics & Communication Engineering, Bio Medical Engineering, Electrical Engineering and Power Electronics
- Board of Studies for Diploma Engineering in Automobile Engineering, Mechanical Engineering,
- Board of Studies for Diploma Engineering in Mechatronics Engineering, Fabrication Technology and Marine Engineering
- Board of Studies for Diploma Engineering in Textile Processing Technology, Textile Manufacturing Technology, CDDM and Printing Technology
- Board of Studies for emerging branches of Renewable Energy, ICT, Automation and Robotics, Mechanical CAD/CAM

Board of Studies of Pharmacy:

- Board of Studies for Pharmaceutical Chemistry
- Board of Studies for Pharmaceutical Technology
- Board of Studies for Pharmacology
- Board of Studies for Pharmacognosy

Board of Studies of Computer Application courses

- Board of Studies of Master of Computer Application

Board of Studies of Business Administration courses

- Board of Studies of MBA and IMBA
- Board of Studies of MBA- Part time
- Board of Studies of Master of Business Administration – GSMS

Board of Studies in Architecture and Planning

- Board of Studies of B.Arch., M. Arch., BID, B. Design courses

Board of Studies of Applied Science

- Board of Studies of M.Sc. (Biotechnology),
- Board of Studies of M.Sc. (Industrial Biotechnology) & PG Diploma in Bioformatics
- Board of Studies of Integrated M.Sc. (Computer Science) & Integrated M.Sc. (Information Technology)

Board of Studies of Vocation

- Board of Studies for B. Voc. & D. Voc. courses

Board of Studies of MA (Hindu Studies)

- Board of Studies of MA (Hindu Studies)

Board of Studies for Dharohar-Center for Indian Knowledge System (CISK-GTU)

- Board of Studies for Dharohar-Center for Indian Knowledge System(CISK-GTU) & School of Indian Knowledge System (SIKS)

Constitution of Research Council

Sr. No.	Description	Name
1	**Ex- Officio members**	Engineering
1.1	Vice Chancellor	**Dr. Rajul K. Gajjar**
1.2	Registrar	**Dr. K. N. Kher**
1.3	Representative of UG	vacant
1.4	Representative of AICTE	**Prof. Rajesh Bhatia, Professor,** Department of Computer Science & Technology, PEC University of Technology, Sector-12, Chandigarh
1.5	Representative of PCI	vacant
1.6	Representative of COA	vacant
2	**Nomination by VC**	
2.1	Representative of Academic Council	**Dr. Mahesh Chhabaria,** Principal, L. M. College of Pharmacy
2.2	Dean1	**Dr. Chetan Bhatt, Principal,** Government MCA College, Khokhra, Maninagar
2.3	Dean2	**Dr. S. R. Joshi, Principal,** Government Engineering College, Bharuch
2.4	Dean2	**Dr. Trupti Almoula, Director,** NICM, Bharuch
2.5	Representative from Principal of affiliated college	**Dr. Tejal Gandhi, Principal,** Anand Pharmacy College, Anand
2.6	Representative from Director of school	**Dr. S. D. Panchal, Director,** Graduate School of Engineering & Technology, GTU
2.7	Representative from Associate Professor	**Dr. Vaibhav Bhatt, Director,** School of Applied Science & Technology
2.8	Representative from Professor	**Dr. Chetan Lad, Director,** Naran Lala School of Industrial Mgmt. & Computer Science, Navsari
3	**8 eminent persons with contribution in research**	
3.1	Industries	1) **Dr. Venkat Hariharan,** Intel, India (Bangalore) / 2) **Dr. Manish Rachchh,** Director (R &D) at Accuprec Research Labs Pvt. Ltd.
3.2	Academic Institutions of National Importance	vacant
3.3	State/ Central govt. funded labs	**Dr. Subrato Mukherjee,** Dean - Academics & Student Affairs, IPR
3.4	State/ Central govt. funded labs	vacant
3.5	Legal expert from IPR area	**Dr. Nidhi Buch,** Assistant Professor of Law and Head GNLU Centre for IPR
3.6	Academic Institutions of National Importance	**Dr. Amit Prashant,** Professor, Civil Engineering, IIT-Gandhinagar
3.7	Academic Institutions of National Importance	**Dr. Mayank Srivastava,** Assistant Professor, Department of Electronic Systems Engineering, IISc Bangalore

3.8	Academic Institutions of National Importance	**Dr. Deepak Srivastava,** Director, Indian Institute of Management, Ranchi
3.9	Invitee	**Dr. V. S. Purani, Principal,** Government Engineering College, Valsad

Constitution of Doctoral Research Council

Sub - Disciplines	Chairpersons
Computer Engineering Information Technology Computer Applications	**Dr. S. D. Panchal**
Instrumentation and Control Engineering Biomedical Engineering Power Electronics Power Electronics and Electrical Drives Electronics & Communication Engineering Electrical Engineering	**Dr. C. B. Bhatt**
Civil Engineering Environmental Engineering Environmental Management Infrastructure Engineering Architecture	**Dr. G. P. Vadodaria**
Mechanical Engineering Mechatronics Metallurgy Engineering Armament Engineering Energy Engineering	**Dr. Pravin Rathod**
Chemical Engineering Rubber Engineering Plastic Engineering Chemical Technology	**Dr. Sachin Parikh**
Pharmacy Pharmacognosy, Photochemistry and Herbal Drug Pharmacology, Clinical Pharmacy, Pharmacy Practice Medicinal Chemistry and Pharmaceutical Analysis and Quality Assurance Pharmaceutics and Pharmaceutical Technology	**Dr. C. N. Patel**
Management Marketing Finance, Human Resource Production, Hotel Management	**Dr. Pankajray Patel**
Science – Maths, Physics, Chemistry	**Dr. H. C. Patel**
Humanity-English	**Dr. Kamal Mehta**

GLIMPSE OF 12th CONVOCATION

CHANCELLOR, CHIEF GUEST & GUEST OF HONOUR

12th Annual Convocation on (2nd February, 2023)	1. **Chief Guest – Shri Acharya Devvrat,** Hon. Governorshri 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 Honour – Shri Praful Pansheriya,** Hon'ble Minister of State, Primary, Secondary and Adult Education, Higher Education, Government of Gujarat 4. **Special Guest – Prof. Rajat Moona,** Director, Indian Institute of Technology, Gandhinagar

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 center 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.

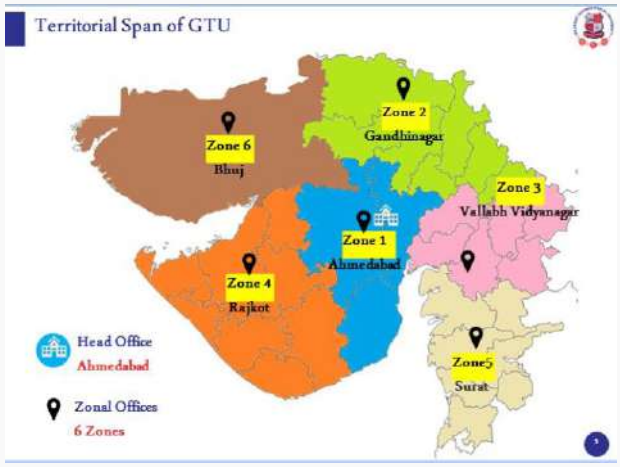
3. To develop research-oriented pedagogy for flourishing ideas and to nurture innovators, entrepreneurs and professionals of tomorrow

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,

CORE VALUES:

1. Excellence with value-based education
2. Responsiveness to society
3. Integrity and transparency
4. Mutual Respect
5. Sustainable development



GTU
Chandkheda Campus

01 AFFILIATED INSTITUTES 410+

02 STUDENTS 225000+

03 FACULTY MEMBERS 14000+

CAMPUSES & INFRASTRUCTURE

GTU Chandkheda Campus, Ahmedabad

Graduate School of Management Studies

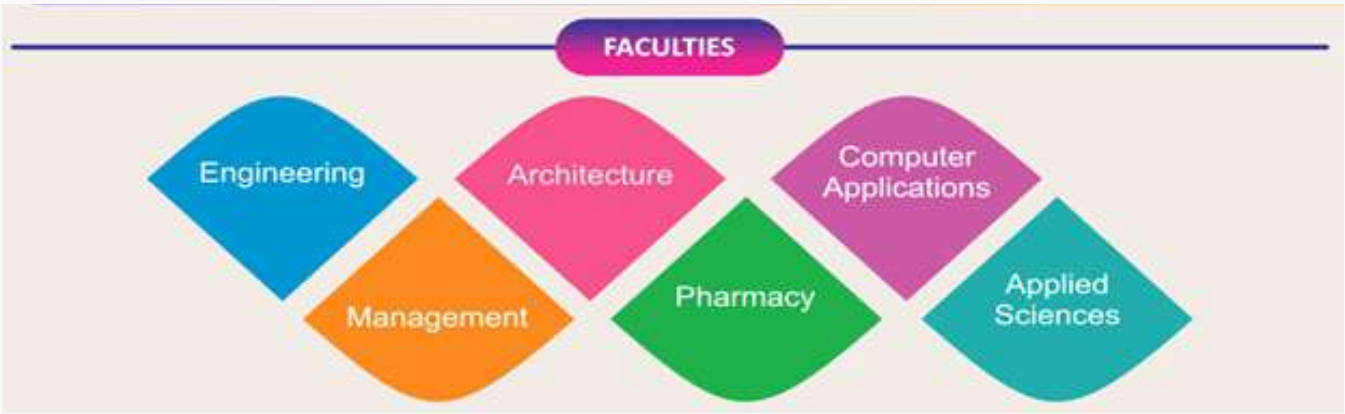
Graduate School of Engineering and Technology

GTU GPERI Campus, Mehsana

Graduate School of Pharmacy, Gandhinagar

School of Applied Sciences and Technology

Proposed Lekawada Campus, Gandhinagar



Programmes Offered

1 Year Program	Post Graduate Diploma
2 Year Program	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 Year Program	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 Year Program	Doctor of Philosophy (Ph. D) Bachelor of Pharmacy (B. Pharm) Bachelor of Engineering (B.E.) Bachelor of Design (B.Des.) Bachelor of Interior Design (BID) Post Diploma to Degree Course (PDDC) Bachelor of Hotel Management & Catering Technology (BHMCT)
5 Year Program	Integrated MBA (IMBA) Integrated MCA (IMCA) Integrated M.Sc. Bachelor of Architecture (B.Arch.)
6 Year Program	Pharm. D

COURSE WISE ENROLMENT OF STUDENTS FOR A.Y. 2023-24

Sr. No.	SECTIONS	TOTAL STUDENTS
1	BACHELOR OF ARCHITECTURE	52
2	BACHELOR OF BUSINESS ADMINISTRATION	72
3	BACHELOR OF ENGINEERING	21946
4	BACHELOR OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY	86
5	BACHELOR OF INTERIOR DESIGN	20
6	BACHELOR OF DESIGN	102
7	BACHELOR OF PHARMACY	3508
8	BACHELOR OF VOCATION	504
9	MASTER OF SCIENCE (INTEGRATED)	278
10	DIPLOMA IN ARCHITECTURE	218
11	POST GRADUATE DIPLOMA IN BIOINFORMATICS	8
12	POST GRADUATE DIPLOMA IN HOSPITAL MANAGEMENT	30
13	DIPLOMA IN ENGINEERING	33899
14	POST GRADUATE DIPLOMA IN DIGITAL MARKETING	16
15	DIPLOMA IN PHARMACY	537
16	POST GRADUATE DIPLOMA IN DATA SCIENCE	15
17	DIPLOMA IN VOCATION	97
18	BACHELOR OF ENGINEERING (PART TIME)	107
19	MASTER OF SCIENCE (INDUSTRIAL BIOTECHNOLOGY)	21
20	MASTER OF COMPUTER APPLICATIONS (INTEGRATED)	116
21	INTEGRATED M.SC. BIOTECHNOLOGY	25
22	MASTER OF BUSINESS ADMINISTRATION (INTEGRATED / APPLIED MANAGEMENT)	399
23	INTEGRATED MBA (IMBA)	399
24	MASTER OF BUSINESS ADMINISTRATION	3931
25	MASTER OF COMPUTER APPLICATIONS	1164
26	MASTER OF ENGINEERING	663
27	MASTER OF ARTS IN HINDU STUDIES	15
28	MASTER OF PHARMACY	839
29	MASTER OF ARCHITECTURE	7
30	POST GRADUATE DIPLOMA IN IPR	24
TOTAL ENROLLED STUDENTS		**69098**

NO. OF STUDENTS TO BE CONFERRED DEGREE/DIPLOMA IN 13TH CONVOCATION

Sr. No.	SECTIONS	COUNT
1	BACHELOR OF ARCHITECTURE	192
2	BACHELOR OF BUSINESS ADMINISTRATION (AS A PART OF 5 YEARS INTEGRATED MBA)	414
3	BACHELOR OF COMPUTER APPLICATIONS (AS A PART OF 5 YEARS INTEGRATED MCA)	192
4	BACHELOR OF ENGINEERING	23883
5	BACHELOR OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY	46
6	BACHELOR OF INTERIOR DESIGN	4
7	BACHELOR OF PHARMACY	3089
8	BACHELOR OF TECHNOLOGY	726
9	BACHELOR OF TECHNOLOGY (PDDC)	8
10	BACHELOR OF VOCATION	111
11	DIPLOMA IN ARCHITECTURE	3
12	DIPLOMA IN ENGINEERING	14086
13	DIPLOMA IN PHARMACY	328
14	DIPLOMA IN VOCATION	35
15	DOCTOR OF PHARMACY	107
16	DOCTOR OF PHILOSOPHY	51
17	MASTER OF ARCHITECTURE	3
18	MASTER OF BUSINESS ADMINISTRATION	2939
19	MASTER OF BUSINESS ADMINISTRATION (APPLIED MANAGEMENT)	1
20	MASTER OF BUSINESS ADMINISTRATION (INNOVATION, ENTREPRENEURSHIP AND VENTURE DEVELOPMENT)	4
21	MASTER OF BUSINESS ADMINISTRATION (INTEGRATED)	95
22	MASTER OF BUSINESS ADMINISTRATION (INTERNATIONAL BUSINESS)	65
23	MASTER OF BUSINESS ADMINISTRATION (PART TIME)	9
24	MASTER OF COMPUTER APPLICATIONS	716
25	MASTER OF COMPUTER APPLICATIONS (INTEGRATED)	74
26	MASTER OF ENGINEERING	461
27	MASTER OF PHARMACY	654
28	MASTER OF SCIENCE (INDUSTRIAL BIOTECHNOLOGY)	19
29	MASTER OF TECHNOLOGY	63
30	PHARM.D. (POST BACCALAUREATE)	5
31	POST DIPLOMA DEGREE COURSE	122
32	POST GRADUATE DIPLOMA IN BIOINFORMATICS	7
33	POST GRADUATE DIPLOMA IN DATA SCIENCE	14
34	POST GRADUATE DIPLOMA IN DIGITAL MARKETING	9
35	POST GRADUATE DIPLOMA IN HOSPITAL MANAGEMENT	19
36	POST GRADUATE DIPLOMA IN IPR	21
	TOTAL	**48575**

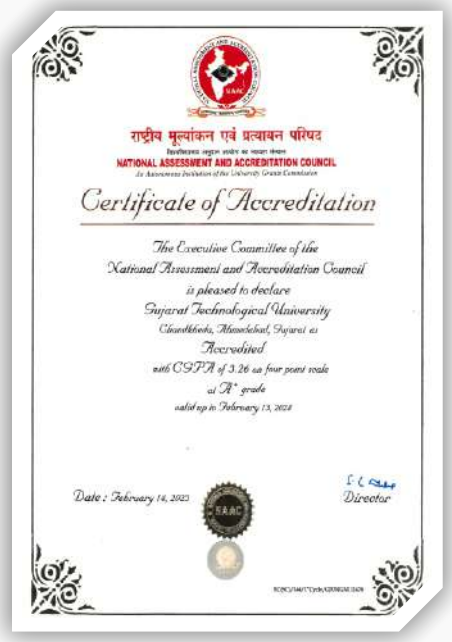
UNIVERSITY'S SECTIONS

Sr. No.	SECTIONS	CONCERNED SECTION HEAD / OFFICER(S)	DESIGNATION
1	ACADEMIC	MR. TUSHAR TRAMBADIYA	ASSISTANT REGISTRAR
2	ACCOUNT	MR. H. D. RAHUL MR. MUKESH PARMAR	CHIEF ACCOUNT OFFICER ACCOUNT OFFICER
3	AFFILIATION	MR. YUVRAJSINH RAOL	DEPUTY REGISTRAR
4	AUDIT	CA CHITRALI PARMAR	INTERNAL AUDITOR
5	CENTRE FOR CONTINUING EDUCATION (CCE)	MR. MAHESH PANCHAL	ASSISTANT PROFESSOR
6	CONFERENCE	DR. SARIKA SRIVASTAVA	ASSISTANT PROFESSOR
7	DEPARTMENT OF INTERNATIONAL RELATIONS (DIR) & INTEGRATED TRAINING AND PLACEMENT (ITAP) CELL	DR. KEYUR DARJI	DIRECTOR
8	DHAROHAR & SCHOOL OF INDIAN KNOWLEDGE SYSTEM	DR. SHRUTI KIKANI	OFFICER ON SPECIAL DUTY
9	EXAMINATION	DR. VIRAL BORISAGAR	I/C CONTROLLER OF EXAMINATION
10	ESTABLISHMENT & REGISTRY	MR. SUMIT N. PATEL	ASSISTANT REGISTRAR
11	ESTATE	MR. RAGESH THAKOR MR. HEMAL PATEL	OFFICER ON SPECIAL DUTY DEPUTY ENGINEER
12	GRIEVANCE CELL, RTI & LEGAL	ADV. HEMLATA VERMA	CONSULTANT
13	GTU INNOVATION COUNCIL	DR. MIHIR SHAH MR. MAHENDRA CHAUDHARY DR. TUSHAR PANCHAL	ADVISOR - GIC CHIEF EXECUTIVE OFFICER ASSISTANT PROFESSOR
14	GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY (GSET)	DR. S.D. PANCHAL	PROFESSOR & DIRECTOR
15	GRADUATE SCHOOL OF MANAGEMENT STUDIES (GSMS)	DR. PANKAJRAY PATEL	PROFESSOR & DIRECTOR

16	GRADUATE SCHOOL OF PHARMACY (GSP)	DR. SANJAY CHAUHAN	PROFESSOR & DIRECTOR
17	SCHOOL OF APPLIED SCIENCE AND TECHNOLOGY (SAST)	DR. VAIBHAV BHATT	PROFESSOR & DIRECTOR
18	GUJARAT POWER ENGINEERING AND RESEARCH INSTITUTE (GPERI)	DR. CHIRAG K. VIBHAKAR	I/C PRINCIPAL
19	INFORMATION TECHNOLOGY (IT)	MR. MAHESH PANCHAL MR. SANDIP MODI	ASSISTANT PROFESSOR COMPUTER PROGRAMMER
20	INTERNAL QUALITY ASSURANCE CELL (IQAC)	DR. SANJAY CHAUHAN DR. KAUSHAL BHATT	PROFESSOR & DIRECTOR ASSOCIATE PROFESSOR
21	MEDIA	MR. MILAN PATHAK	INFORMATION & PUBLIC RELATION OFFICER
22	PH.D.	DR. R.A. THAKKAR MS. MONA CHAURASIYA	ADVISOR – R & D CELL RESEARCH COORDINATOR
23	PURCHASE & STORE	MR. ANIL SOLANKI	ADMIN/ACCOUNTS OFFICER
24	SPORTS, NSS & CULTURAL	DR. AKASH GOHIL	SPORTS OFFICER
25	STUDENT SUPPORT	MS. SHOBHANARANI SENGUNTHAR	STATISTICAL OFFICER
26	SAMVAD CENTER	MS. MANISHA GAUNIYAL	OFFICER ON SPECIAL DUTY

AWARDS AND RECOGNITIONS

GTU is accredited with A+ Grade by NAAC on 14th February 2023



Graduate School of Pharmacy received 71st Rank in NIRF Ranking in all over India in Pharmacy Discipline and 6th Rank in All Gujarat on 05.06.2023

PG - Computer Engineering (Cyber Security) course got accreditation status by 'National Board of Accreditation' on 26.10.2023 for the A.Y. 2023-24 to 2025-26

Award to GTU- GPERI as Best Engineering College in North Gujarat by B.K. News on 27.03.2023

Award to GPERI-GTU by Centre to Education Growth & Research (CEGR) as Best Engineering College in Gujarat 2023 on 18.04.2023

GTU Robocon Team won 'SMC Corporation Award' on 27.08.2023

GTU Team won Balakrishna Memorial Award and National Champion Trophy on 18.06.2023

Medals to GTU Students in All India University Woodball Championship Held from 02.04.2023 to 06.04.2023

3 Winning Teams of GTU Robotics Club in World STEM and Robotics Olympiad (WSRO) Regional Championship – 2023

Prof. Vaibhav Bhatt received 'WAAH Science Laureate Award' organized by Vikram A Sarabhai Community Science Centre, Ahmedabad

GPERI-GTU received the Certificate of Excellence by National and International Compendium Lifetime Education Achievement Award

MoU 2023

MoU with Universiti Telekom SDN BHD, Malaysia on 07/01/2023

MoU with Universidade Portucalense Infante D. Henrique, Portugal on 18/01/2023

MoU with CSRBOX Foundation on 24/1/2023 for IBM certified Internship to students of BE – Computer, IT and related branches

MoU with Edunet Foundation, India on 23/01/2023

MoU with TeamLease Edtech Ltd., India on 24/01/2023

MoU with Indo American Education Society, India on 20/02/2023

MoU with Kamdhenu University, India on 07/03/2023

MoU with GESIA IT Association on 13/04/2023

MoU with University of Wollongong, Australia on 10/03/2023

MoU with India's first Gujarat Ayurveda University on 25/04/2023

MoU with IDP Education India Private Limited on 27/04/2023

MoU with Rotary Club Ahmedabad Suryoday, India on 16/05/2023

MoU with Infosys Spring Board, India on 29/05/2023

MoU with Gujarat Power Research & Development Cell, India on 30/5/2023 for Internship, workshops and seminars and access of incubation centers under GTU and GPRD

MoU with L&T E&A Switchgear Training Centre Vadodara, India on 30/05/2023

MoU with 'The Gujarat Institute of Civil Engineers & Architects (GICEA)', India on 15/9/2023

MoU with Quality Council of India (QCI) on 16/10/2023

MoU with Lincoln Institute of Higher Education, Australia on 30/10/2023

MoU with ExcelR Edtech Pvt. Ltd. on 20/11/2023

GTU Signed MoU with Central Salt and Marine Chemicals Research Institute on 22nd December 2023

SECTION - II

UNIVERSITY'S ADMINISTRATIVE SECTIONS

AFFILIATION – ENDORSEMENT SECTION

The Affiliation section of the University maintains quality, harmony & consistency in technical education and also for professional courses. Section provides best services related to Affiliation & Endorsement of faculty in line with university norms as well as apex body norms. **A Total 414 institutions (Including 78 gradual de-affiliated institutions) are affiliated with GTU.**

Programme wise Affiliated Institutes (Academic year 2023-24)

Sr. No.	Level	Name of Programme	Affiliating Institutions/ Colleges
1	UG	Degree Engineering	79
		Bachelor of Pharmacy (B. Pharm.)	51
		Bachelor of Architecture	1
		Hotel Management	3
		Bachelor of Business Administration*	1
		Bachelor in Design (New)	1
		Bachelor of Interior Design	2
2	PG	Master of Engineering*	40
		Master of Pharmacy (M. Pharm.)*	38
		Master of Business Administration (MBA)	47
		Master of Computer Application (MCA)	23
		Doctor of Pharmacy (Pharm. D) *	10
		M.Sc. Industrial Biotechnology	1
		PG Diploma in Bioinformatics	
		PG Diploma in Biomedical Technology	
3	Integrated	Master of Business Administration - Integrated Programme* - 5 years	10
		Master of Computer Application- Integrated Programme* - 5 years	2
		Integrated M.Sc. Biotechnology	1
		Integrated M. Sc. IT*	4

4	Vocational	Vocational*	20
5	Diploma	Diploma Engineering	111
		Diploma Pharmacy	14
*** Not Separate Institutions.**			

Almost all the technical institutions in Gujarat state which mainly 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 higher 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 particular academic year. Application for affiliation or extension or change in name /intake /site or starting a 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.

⁘ Endorsement:

University gives Endorsement to the Principal and teaching faculties of SFI & Granted institution as per the concerned apex body norms and regulations.

- In this Academic Year, **12** new institutes were affiliated with GTU.
- An Affiliation fee of **Rs. 9,41,02,900/- (Nine crores forty-one lakhs two thousand nine hundred rupees only)** was collected as revenue for the current Academic Year.

⁘ Ranking:

L.M. College of Pharmacy secured 58th rank & Graduate School of Pharmacy, GTU secured 71st rank in NIRF India Rankings 2023 - 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 i.e. total five affiliated institutes are accredited by NAAC valid score.
- Total 37 affiliated institutes are accredited by NBA in a total of 86 courses.

⁘ Autonomous:

'Birla Vishvakarma Mahavidyalaya' and 'Shree Dhanvantary Pharmacy College' are given Autonomous Status by UGC.

⁘ Placements:

For Academic Year 2023-24, more than 4000 students from various affiliated institutes have been placed in various organizations.

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

ACADEMIC SECTION

Academic Section organizes meetings of Academic Council, Faculty and Board of Studies in various disciplines for the maintenance and improvement of standards of instruction, education and evaluation in various courses offered by GTU in consonance with directions of various statutory councils.

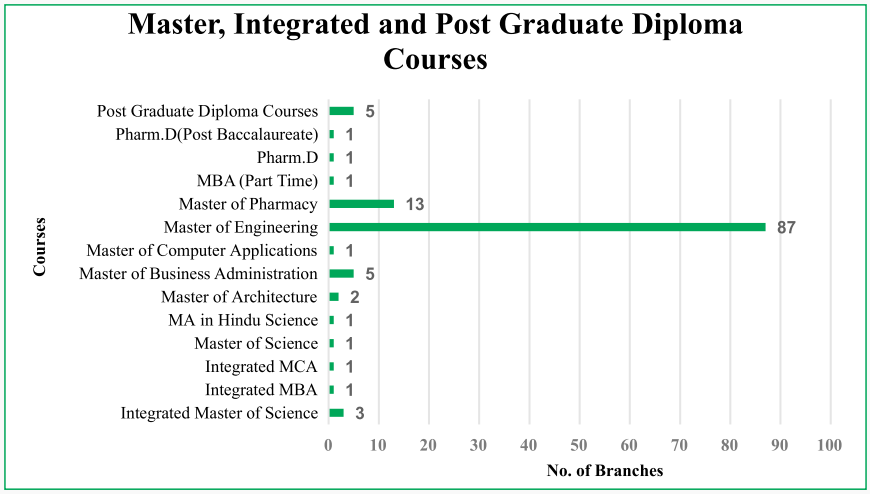
The Academic Council, Faculty and Board of Studies play an important role in the formulations and regulation of academic functions of the various courses offered by the university. The following important activities were conducted by the university during this year:

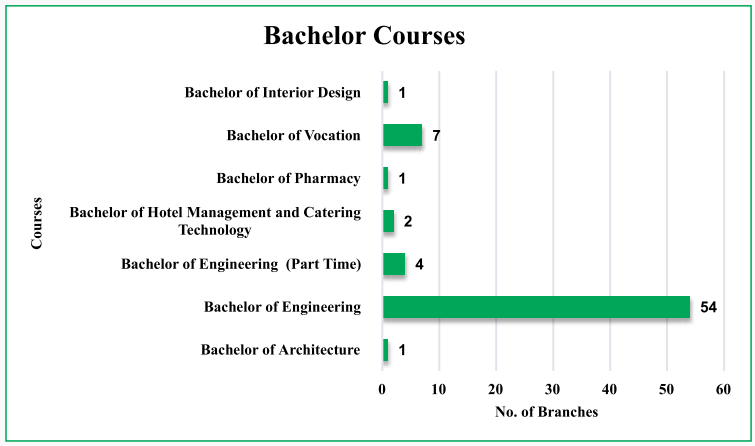
- Implementation of National Education Policy (NEP-2020) in various programs at UG and PG level.
- Designing of Syllabus for Common Entrance Test for all the students who want to take admission in Degree Engineering as a lateral entry [i.e. from Diploma to Degree (DDCET)].
- Framing of Guidelines for working professionals to pursue B.E/B. Tech. and Diploma Engineering.
- Adoption of Academic Bank of Credits for the credit transfer as per NEP 2020.
- Adoption of National Credit Framework in Degree and Diploma programs governed by statutory councils like AICTE, PCI, COA etc.
- Offering Minor/ Honors Degree in BE Programmes in various branches.
- The IIT External Students' Program offered for studying one full semester at IIT Gandhinagar has been successfully carried out for the fifth batch of Government Degree Engineering Colleges.
- Framing of Guidelines for Institute Transfer and University Transfer for Institutes running Degree and Diploma programs.
- Framing of Guidelines for donors who want to sponsor Gold medals in different Programmes/ Courses.
- Revised curriculum of Contributor Personality Development Program is offered in Diploma and Degree programs.
- Inclusion of Indian Knowledge System course in Diploma Engineering program.
- Introduction of new engineering courses at Bachelor and Master Level in the emerging area of Artificial Intelligence, Machine Learning, Renewable Energy, Data Science and Robotics.
- Introduction of new branches in Vocational (B.Voc. and D.Voc.) programs.
- Introduction of new branch in MBA (Logistics and Supply Chain Management).
- Integrated M.Sc. (Information Technology) program is offered in GPERI (constituent college of GTU) and GTU affiliated Institutes.

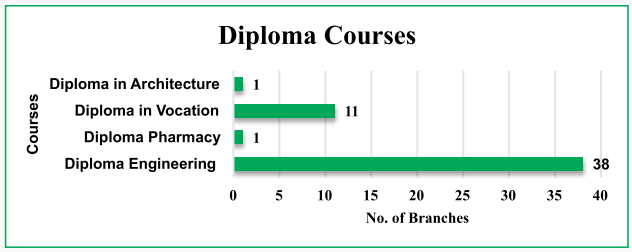
New Courses approved from Academic Year 2023-24 onwards

- Bachelor of Engineering (Plastics Engineering)
- Bachelor of Engineering (Electronics and communication (Communication System Engineering)
- Minor/Honours Degree (Green Technology and Sustainability Engineering)
- Minor/Honours Degree (Data Science)
- B.Voc. (Solar and Renewable Energy)
- Master of Engineering (Electric Vehicle Technology)
- Master of Engineering (VLSI Design)
- Master of Engineering (Civil Engineering)
- MBA (Logistics and Supply Chain Management)

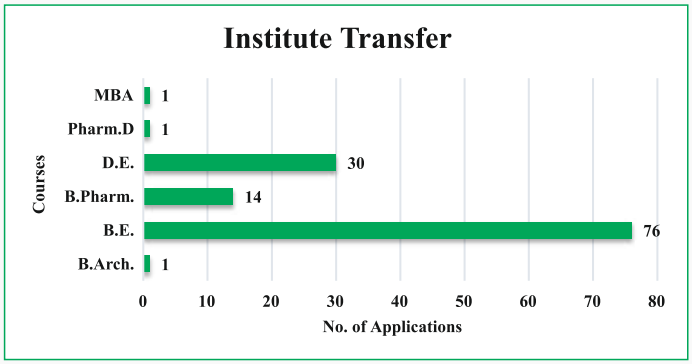
No. of Courses Offered by GTU at Diploma Level, Bachelor Level and Master Level

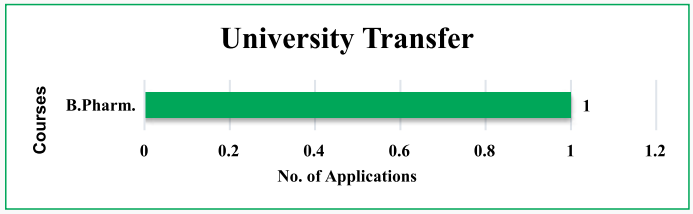


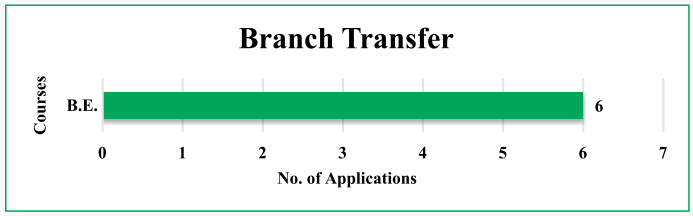




Other Statistical data of Academic Section







5th Tech Guru Award Ceremony

5th Tech - Guru Award Ceremony was organized on the auspicious occasion of Teachers day, which was inaugurated by Chief Guest Prof. (Dr.) S. Shanthakumar (Director-GNLU), Prof. (Dr.) Navin Sheth (Former Vice Chancellor – GTU), Prof. (Dr.) Rajul Gajjar (Honourable Vice Chancellor-GTU) along with Dr. K. N. Kher (Registrar – GTU).

The criteria for selection of Best teacher Award covers different components like Research publications, Research projects, Patents, Honor and award received, community services rendered, collaborative projects with Industry, Swayam and MOOCs. University had received 132 applications through an online portal in various disciplines.

A scrutiny committee, which was constituted by Honourable Vice-Chancellor scrutinized applications and awards have been finalized in Diploma Engineering, Degree Engineering & Pharmacy. The winners of 5th Tech Guru Award 2023 are Dr. Dipesh M. Patel from D. A. Degree Engineering & Technology (Degree Engineering), Dr. Rakesh Kumar Bhujade from Government Polytechnic (Diploma Engineering), and Dr. Ketankumar Maheshbhai Ranch from L.M. College of Pharmacy, Ahmedabad (Pharmacy).

On this occasion, the university also felicitated Principals, Professors and Head of the Departments of Government Degree and Diploma Institutes, who retired in regular mode in last academic year.

Submitted by -
Mr. Tushar Trambadiya, Assistant Registrar, GTU

STUDENT SUPPORT SECTION

Student Support Section (SSS) works as a centralized system to support the students of the university. We are providing guidance, services, and assistance to the students before and after the completion of the courses. This section works through web based user-friendly procedures, thereby reducing the usage of paper.

Services of the Section through Online Student Portal:

- All services of this section are online through the student portal, and a hard copy of the requested certificates is posted at the student's address.
- Section provides services of Transcript (Soft copy), Transcript (Hard copy), and share Transcript soft copy to WES. Migration, Language, Attempt and Rank Certificate, Percentage certificate, Attestation of GTU grade-sheets, Provisional Certificates, Degree/Diploma Final Certificates, Duplicate Degree/Diploma Certificates, Duplicate/Name Correction Grade-sheets and other misc. certificates are also provided as per the requests of the students.
- The students can apply from any zone (Ahmedabad Zone-1, Rajkot Zone-4 & Surat Zone -5), make online payment and get the receipt after log-in at: www.student.gtu.ac.in.
- Once the online payment is successfully made and receipt of the same is available with the student then he/she will get the certificates/documents by post.
- Students are not required to come in person to collect the documents.

Services of the Section through Students Application form:

- Authentication of Original Degree/Diploma certificates.
- To issue special certificates like Percentage certificate for non-pass out (Navy/Army), Bonafide certificates, Semester-wise SPI to Percentage, Total marks certificate and any other misc. certificates as per students' request.
- GTU Student Academic Document Verification through e-mail & Hard copy from company /Institute /3rd party organization.
- Section also handles all duties related to distribution of degree & diploma certificates before and after completion of the convocation ceremony.

Innovative Practice of the section:

- This section has also prepared and uploaded the tutorial videos of various procedures at the GTU official YouTube channel as well as on the GTU website.
- Shares an electronic Transcript with WES without charges.
- Sends authentic students documents from the university through email to other universities or institutes, as requested by the students.
- This section has also prepared and uploaded the User Manual and SOPs for Student Support Section Services on the GTU website, for the benefit of the students.

Statistical data of Student Support Section work per month:

- This Section processes & dispatched approximately **6357** certificates related to student Transcript (Hard copy), Transcript (Hard copy + Soft copy), Migration, Language, Attempt and Rank Certificate and Percentage certificate through student portal.
- Around **434** applications were processed for "Sends authentic student's documents from the university through email to other universities".
- Around **470** online electronic transcripts were successfully shared to WES for further processing as per student request.
- Around **3071** Transcripts (soft copy) were shared to students' email id from GTU.

- Around **58695** Degree Diploma certificates were dispatched through post/hand to hand by Student support section in this year.
- Around **428** applications processed for Credential Evaluation Form (WES, GES, NCESS, IQAS, ICESS), attestation of Grade-sheets, degree and provisional certificates.
- Around **25** applications of Duplicate Degree/Diploma certificates, **602** applications of Duplicate Grade-sheet and **367** Name correction certificates, miscellaneous Grade-sheet applications were processed.

Submitted by -
Ms. Shobhanarani T. Sengunthar, Statistical Officer

STORE AND PURCHASE SECTION

The Store & Purchase department of GTU purchases & provides the items and services as per requirement of various departments from time to time.

- Purchase through GeM.
- Purchase other than GeM (By Market Inquiry, Tender & E-Tender).
- Purchase Committee Meetings and Minutes preparation & implementation.
- Records and Files Management.
- Government e-Market (GeM) bid, Order & Pass for Payment Submission.
- Exam Stationary Management during Winter & Summer Examination.
- Recording Stock/New Purchase Items to GPR & Dead Stock/consumable/Service Register with Indent Details.
- Providing Transportation facility.
- Convocation related purchase.
- Pulping for used Answer books and other stationary.
- Communication with Telecom Company regarding CUG and Bills.
- Purchased various instruments for the setup of GTU-Graduate School of Pharmacy Research Lab and Public Testing Lab at Gandhinagar & GTU-School of Applied Science & Technology Lab at Chandkheda. Various furniture, computer hardware, and a server for the set-up of the computer lab at GTU-Graduate School of Engineering & Technology were also purchased.

Best Practices:

- Successfully implementation of File Management Tracking System & Inventory Management System.
- Inform all Section Heads, PG Schools regarding status of their demand note/requirements on regular interval.
- Coordinate with the Auditor to complete physical verification of Dead Stock Items since starting from the University.
- Most of the required items/services are purchased by GeM direct Purchase / Bid.
- Approx. Purchase amount for F.Y. 2023-24 (up to 31st December 2023) is mentioned below -

Financial Year	Purchase Amount (Approx. In Rs.)
2023-24 (up to 31.12.2023)	3.40 Crore

The staff members of the Purchase & Store section always try to work efficiently & fulfil the demands from various sections & stakeholders of the university as early as possible & on time.

Submitted by -
Mr. Anil Solanki, Admin / Account Officer, GTU

ESTABLISHMENT SECTION

Establishment section of Gujarat Technological University looks after all the activities during the whole span of services of Regular Employees, Contractual Employees and Outsourced Employee i.e. from Recruitment to Retirement.

University has a very young & dynamic workforce.

GTU - Manpower	Regular	Contractual	Outsourced
Teaching	26	70	0
Administrative	34	84	102
Total	**60**	**154**	**102**

- University has framed policy for the contractual employees to govern their employment. For the social security purpose, university reimburses the premium of different Government social security schemes i.e. 'Atal Pension Yojana', 'Pradhan Mantri Surksha Bima Yojana', and 'Pradhan Mantri Jeevan Jyoti Bima Yojna' to employees.
- Under the Atal Pension Yojana, guaranteed minimum pension of Rs. 1,000/- or 2,000/- or 3,000/- or 4,000 or 5,000/- per month will be given at the age of 60 years depending on the contributions by the subscribers.
- Pradhan Mantri Suraksha Bima Yojana is a government scheme which intends to provide an affordable insurance scheme for the poor and underprivileged people in the age group of 18 to 70 years with a bank account at a premium of Rs.12 per annum; risk coverage of Rs.2 lakh for accidental death and full disability and Rs.1 lakh for partial disability.
- The Pradhan Mantri Jeevan Jyoti Bima Yojana provides life coverage to the poor and low-income section of the society. The scheme offers a maximum assured amount of Rs.2 lakhs.
- University has also taken Medical Insurance of Rs. 3 lakh coverage for its contractual Employees.
- University is providing the Crèche facility to the children of the employees. University Crèche Centre has two dedicated lady caretakers.
- University has appointed one male and one female doctor. Dispensary facilities are available for the employees and their family members.
- University also has a 'SAMVAD Center' where social, psychological, and emotional needs of the staff members are taken care of with various awareness programs. The centre caters to diverse mental health needs of individuals of all ages and groups where they are assisted in clarifying the issues, exploring options, developing strategies and increasing self-awareness.

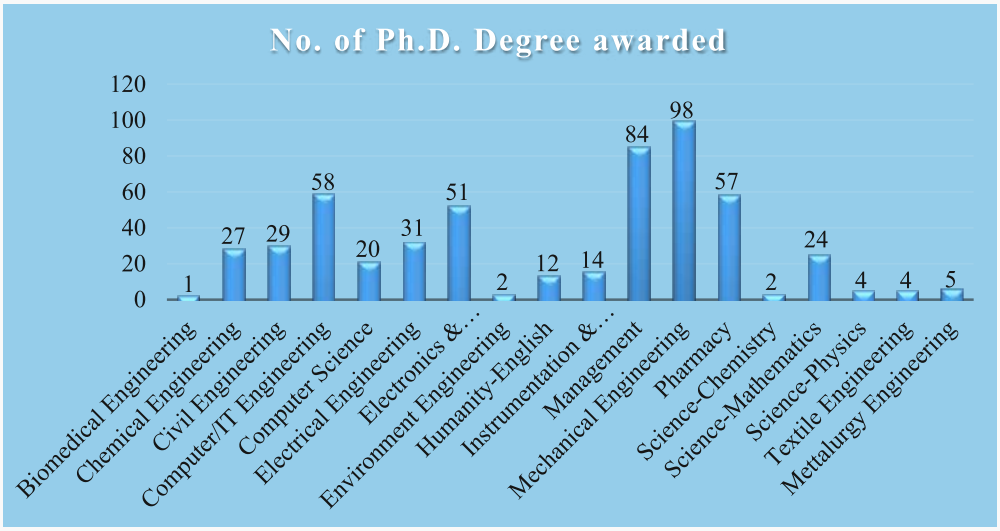
Submitted by -
Shri R. L. Patel, OSD - Establishment, GTU
Shri Sumit N. Patel, Assistant Registrar - Establishment, GTU

PH.D. SECTION AND RESEARCH & DEVELOPMENT CELL

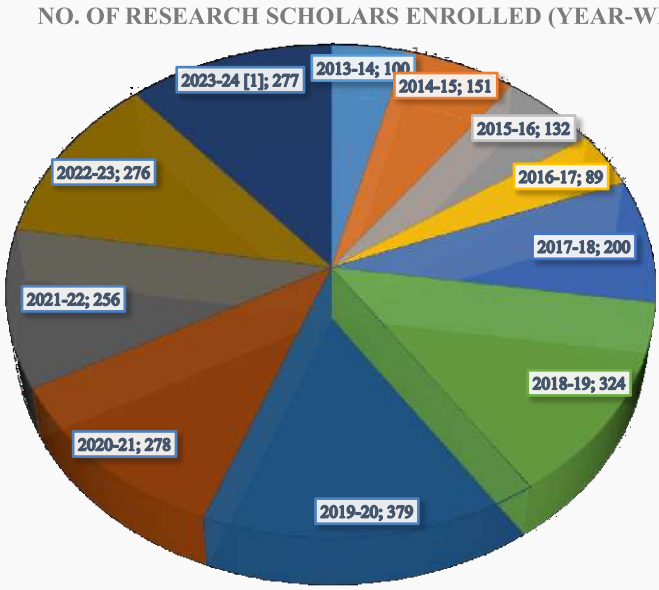
The University offers doctoral studies in seven different Faculties including multi/interdisciplinary areas. This section particularly has been established at the University to look after the matters related with recognition and appointment of Supervisors, DPC members, Co-Supervisors, along with affairs connected with admission till the award of degree for all enrolled research scholars. This section performs various tasks from registration to evaluation of the thesis of enrolled research scholars. The section also takes care of processing all the thesis, conducts Viva-Voce, issues notification and provisional degree certificates for the award of degree.

The section also processes applications for awarding recognition of Research Centres, presently, Department of Pharmaceutical Science, (spz. in Pharmaceutics) at Anand Pharmacy College, Anand, is recognized as a Research Centre of the University under Faculty of Pharmacy and Gujarat Biotechnology Research Centre (GBRC), Gandhinagar is recognized Research Centre of the University under Faculty of Applied Science for Biotechnology for a period of three years.

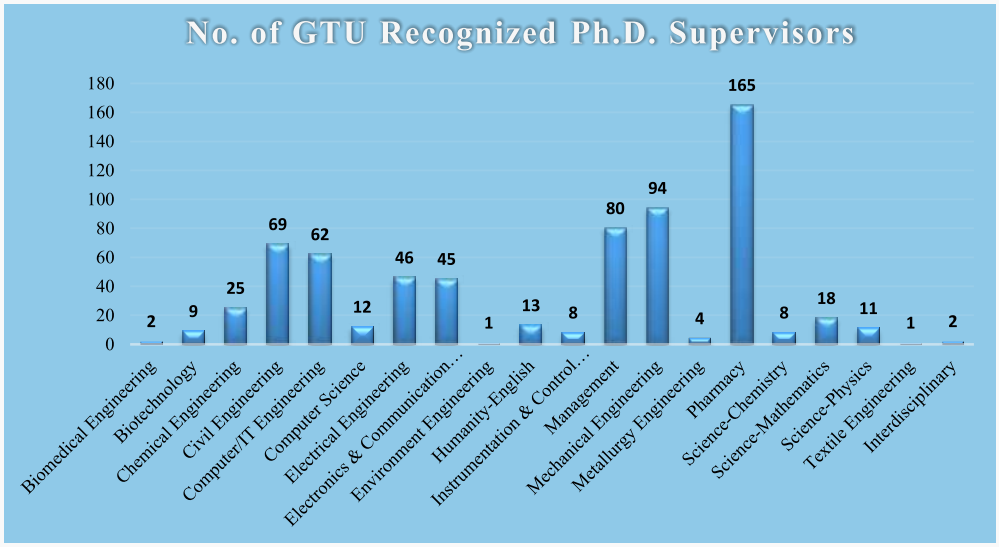
1) No. of Ph.D. Degree awarded till date in various disciplines till 30/11/2023



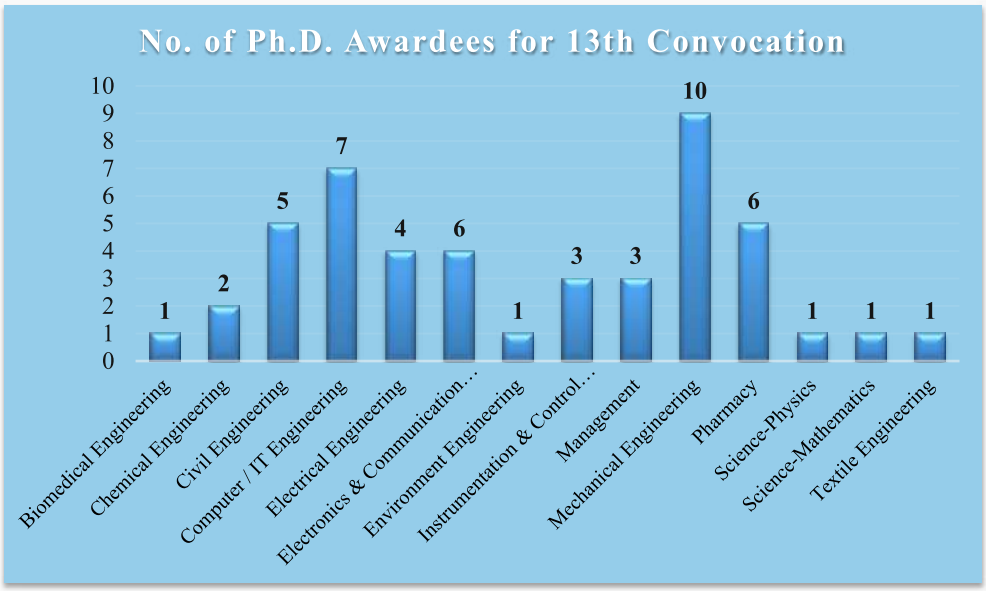
2) Enrolment of Research Scholars in Ph.D. Programme (year-wise)



3) No. of Recognized Ph.D. Supervisors in various disciplines



4) No. of Ph.D. Scholars to be conferred Degree during the 13th Annual Convocation [July,2023 to Nov.,2023] in January-2024 (discipline-wise)



5) Best Ph.D. Thesis Award

The university has initiated the Best Ph.D. Thesis Award, from the year 2021, in order to acknowledge the research work done by the research scholars and their supervisors in different disciplines.

For the year 2023, **Mevada Dineshkumar Dasharathbhai** (179999919026, Mechanical Engineering) & **Thakur Vandana Ramsuresh** (169999901011, Pharmacy) who worked under the supervision of Dr. Hitesh Panchal & Dr. Anita A. Mehta, respectively, were selected for Best Ph.D. Thesis Award-2023. The award to these Research Scholars and Supervisors was given on the 16th Foundation Day of the University.

6) Expert Session

Dr. Abha Chhabra, Senior Scientist, Space Applications Centre (SAC), ISRO, Ahmedabad, one of India's leading research organization, delivered a session on October 19, 2023 focusing on the RESPOND Scheme of ISRO for exploring collaborative research opportunities for research scholars.

7) Publication by Research scholars

100 research scholars have received doctoral degrees till mid-December, 2023 and have published 277 peer reviewed papers in UGC Care, SCOPUS and Web of Science indexed journals. Research scholars have also filed 11 Indian and 2 international patents.

8) Orientation Session

An orientation session of the newly enrolled Ph.D. students in Batch 2023 was arranged at the Chandkheda campus of the University on December 18, 2023 where in the newly pre- registered Ph.D. students were apprised about details regarding their course work and also how to become a Ph.D. scholar. A session was also delivered to these enrolled students about effective research writing and reference management tools.

9) SPRIHA

The University has instituted SPRIHA IPR – Chair Professor established under Scheme for Pedagogy and Research in IPRs by Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Government of India.

Submitted by -
Dr. R.A. Thakkar, Director, RDC, GTU
Ms. Mona Chaurasiya, Research Coordinator, GTU

INFORMATION TECHNOLOGY (IT) SECTION

The GTU-IT section is continuously engaged in developing and/or providing IT systems according to the requirements of the university.

GTU has started to implement Samarth eGov Suite from May-2023. It is an integrated platform for all Indian Universities and HEIs to deploy a digital framework of good governance. Samarth eGov Suite is an initiative of Ministry of Education, GoI and designed & developed by University of Delhi.

Figure 1 shows the ERP modules that are in use at present at the university and also the modules that are planned to be used in near future.

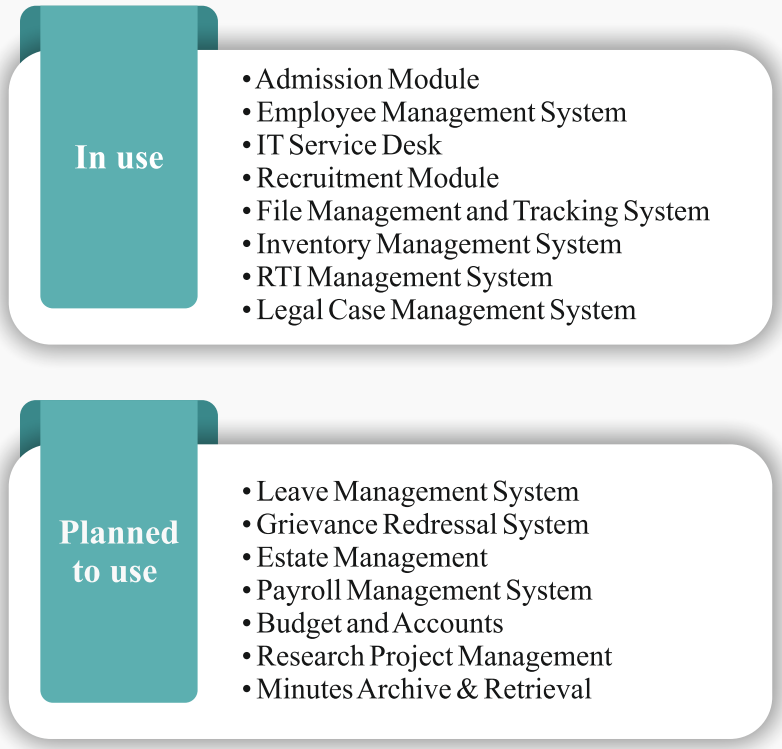


Figure 1: Progress in implementation of Samarth e-Gov Suite at GTU

GTU provided an opportunity for BE final year students for developing projects as part of an internship of 12 weeks at the section. The interns were selected based on merit and after conducting a technical exam. These interns were given the tasks of software development that will be used at the university.

This section manages basic records, exam records, results and projects data of all the students since inception of the university.

The GTU-IT policy comprises standard operating procedure for hardware & software installation, use of network (intranet & internet), firewall, e-mail and database access & backup, result processing system, software development and maintenance system. It also includes the guidelines for computer naming conventions and hosting web pages on intranet/ internet.

The degree certificates of all the students have been uploaded on DigiLocker. The uploading of marksheet data and ABC IDs is progressively being carried out on DigiLocker portal. GTU is at the top position as far as the number of degree certificates and marksheet data are uploaded on DigiLocker as per the graphical data from DigiLocker shown in Figure 2 & 3.

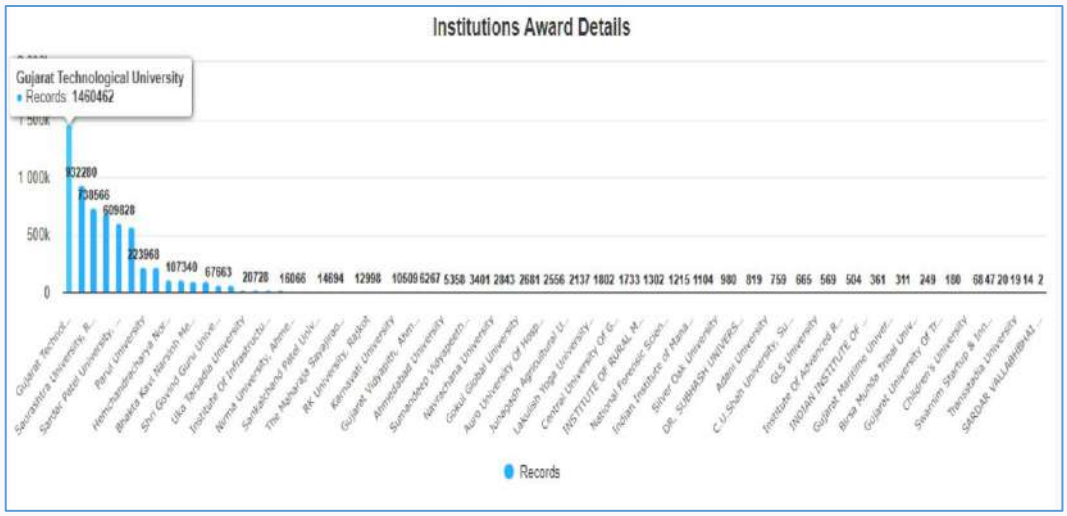


Figure 2: Highest Number of Records Uploaded on DigiLocker

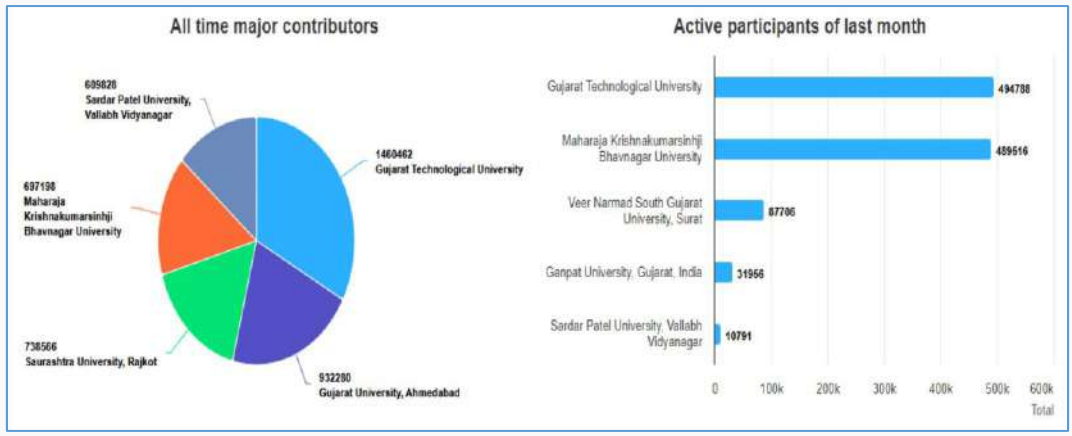


Figure 3: Statistics about Data Uploaded on DigiLocker as on 5th October, 2023

Submitted by -
Mr. Mahesh Panchal
Head – IT Section

CONFERENCE SECTION

Various sections and PG schools of the GTU conduct Seminars, FDPs, Workshops, Meetings, Conferences, etc. regularly throughout the year. Conference section manages various activities related to the event like:

- Coordination with departments of GTU for conducting events.
- Arranging mementos for felicitation of guests.
- Venue Management, availability of working sound system & projectors in halls.
- Support in finalizing the vendors for printing of certificates & banners.
- Finalizing the vendors for accommodation.
- Videography & Photography for events and sharing photographs with other sections.
- Coordination with affiliated institutes for uploading Brochures/ Reports on GTU Website.
- Supporting other important events of the University like Foundation Day, Convocation etc.

UG / Diploma Books Translation In Gujarati Language

As per National Education Policy (NEP) 2020, AICTE has taken initiative to offer technical books in regional languages. AICTE has allocated the task of translating books of UG and Diploma Engineering in Gujarati language to Gujarat Technological University. 20 books of UG and Diploma Engineering for first year are ready in Gujarati and translation work on 88 books of second year is going on.

Orientation Programme for Second Year UG & Diploma Engineering Translators and Reviewers of Gujarati Language jointly organized by GTU and AICTE on 6th & 7th January 2023.

GTU organized an orientation program jointly with AICTE for translators and reviewers of 2nd year UG and Diploma Engineering books. Overview of AICTE Technical Book Writing Scheme was given by Dr. Neeraj Saxena, Advisor, Institutional Development Cell (IDC), AICTE. Dr. Sarika Srivastava, UG Translation Project Coordinator delivered the welcome speech and gave some highlights of the project. Dr. S. D. Panchal, Professor and Director, GSET, GTU; Dr. G. P. Vadodaria, Dean – Faculty of Engineering and Dr. Paresh Kotak, Associate Dean, Diploma Engineering were present as a Project Monitoring Committee member (PMC) to discuss various aspects. Vote of thanks was given by Dr. Neela Multani, Diploma Translation Project Coordinator.

PUBLICATIONS

(I) GTU Quarterly Newsletter 'Sarthak'

Every year GTU publishes a quarterly newsletter 'SARTHAK'. In the year 2023, 4 issues of the newsletter were published which are available on GTU website.

VOLUME 9 ISSUE 1

VOLUME 9 ISSUE 2

VOLUME 9 ISSUE 3

VOLUME 9 ISSUE 4

(II) Multidisciplinary International Research Journal of Gujarat Technological University (January 2023 and July 2023)

Every year GTU publishes two issues of 'Multidisciplinary International Research Journal of Gujarat Technological University' in the month of January and July. All details related to the journal are available on GTU website.

Visit http://www.researchjournal.gtu.ac.in/

(III) Annual Report and Convocation Report of GTU:

Every year GTU releases 'Annual Report' on the occasion of Convocation in which details of all Academic and Administrative sections are incorporated. The Convocation report is also released which has details of gold medallist winners. GTU celebrated 12th convocation on 2nd February, 2023 at Science City, Ahmedabad. The entire compilation work of the Annual Report was carried out by the Conference Section.

Other Important Events Organized by the University and Supported by the Conference Section

Celebration of 16th Foundation Day of GTU on 16th May 2023

Gujarat Technological University's 16th Foundation Day was celebrated on May 16, 2023. The Chief Guest, Prof. (Dr.) T. G. Sitharam, Hon'ble Chairman, AICTE inaugurated the IDEA Lab and Blockchain Technology Centre of Excellence. AICTE also announced four Swayam modules on yoga, and the websites of GPERI, AIC and IKS were launched.

The translated books of 1st year UG and Diploma Engineering, developed under the AICTE Technical Book Writing Scheme, were released during the event. The University and the Rotary Club of Ahmedabad signed a MoU to collaborate on establishing a drug-free campus. GTU staff members and sections were honoured with recognition awards for their remarkable achievements. Affiliated colleges were also recognized for receiving NBA/NAAC certification.

The event included the Best Thesis and Best Ph.D. Supervisor awards. Prof. (Dr.) Navin Sheth, Former Vice-Chancellor of GTU, was felicitated with a memento highlighting the significant milestones accomplished by GTU under his visionary leadership. Padma Shri Dr. H N Nagendra, Chancellor of S-VYASA University, Bengaluru, addressed the attendees. On this event, Mr. Ankit Rana, Office Assistant, Conference Section received the award for 'Best Employee of the year'. Dr. Sarika Srivastava received certificate of appreciation for her contribution in the NAAC Accreditation Work of the university as a Criterion Coordinator of 'Governance, Leadership and Management'. The celebration concluded with a cultural event. School of Applied Sciences and Technology (SAST) was overall coordinator for this event.

Welcome of Dr. Rajul K. Gajjar, Hon'ble Vice Chancellor, GTU on 4th August 2023

The Gujarat Government appointed (Prof) Dr. Rajul K Gajjar as the new Vice Chancellor of the Gujarat Technological University. She is the first woman Vice Chancellor of Gujarat Technological University. All the staff members of GTU gave a warm welcome to the new Hon'ble Vice Chancellor of GTU.

Vice Chancellor's Meeting with Association of Self-Finance Colleges & Association of Diploma Self-Finance Colleges on 17th August 2023

Association of self-finance colleges & Association of Diploma self-finance colleges welcomed Dr. Rajul K. Gajjar, Hon'ble Vice Chancellor of Gujarat Technological University. Principals and Trustees from Association of self -finance colleges & Association of Diploma self-finance colleges were present to share their vision with the new Vice Chancellor of GTU on 17th August 2023.

Chandrayaan-3 Vikram Landing on 23rd August, 2023

Bharat has achieved unimaginable success in the space sector during the nectar period of independence under the leadership of Hon'ble Prime Minister Shri Narendra Modi. It was a historic moment for Bharat. The live telecast of unprecedented and unique event of successful landing of Chandrayaan-3 was held in the premises of Gujarat Technological University in the presence of Shri Rushikeshbhai Patel, Hon'ble Minister Higher & Technical Education of Gujarat, IAS Shri B. N. Pani, Commissioner of Technical Education Gandhinagar, Hon'ble Vice Chancellor, Registrar, Teaching, Non-Teaching staff and students of LDCE, VGEC and other affiliated colleges of GTU.

Submitted by -
Dr. Sarika Srivastava, Head – Conference Section

ACCOUNTS SECTION

The Finance/Accounts department is the key section of the University for internal financial transactions and external financial transactions with colleges, examiners and other parties.

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 owned fund of the University. This year Rs.500.00 lakhs is approved for GTU PG School's furniture and other equipment by the Government of Gujarat. GTU has received various grants from the Government of India like DIC Grant, AICTE FDP & IDEA LAB Grant. GTU has also received various research grants from GSBTM & GUJCOST. Total approved budget of the University for Financial Year 2023-24 is Rs.11836.36 lakhs which is mentioned below. Total Rs.1751.36 lakhs grant will be Government Grant Exp. and Total Rs.10085.00 lakhs expenses will be incurred from the owned fund of the University.

Budget Estimate for FY 2023-24

Sr. No.	Particular	Income (Rs. In Lakhs)	Sr. No.	Particular	Income (Rs. In Lakhs)
A	Examination Income	4125.00	A	Examination Expenses	4125.00
B	Grant From Govt.	1676.36	B	Govt. Grant Expenditure	1751.36
C	Professional Regulatory Charges & Affiliation Fees	750.00	C	Uni. Activity & Admn. Expenses (university Fund)	1908.00
D	PG School & Center Income	800.00	D	PG School & Center Expenditure	1105.00
E	Other Income	4275.00	E	Capital Expenditure	2737.00
F	Consultancy Services	210.00	F	Consultancy Services Expenses	210.00
	TOTAL	**11836.36**		**TOTAL**	**11836.36**

All the payments made by the university to its colleges, vendors and other stakeholders is through NEFT / RTGS / Bank Transfer. Accounts Section has initiated user-friendly online fees collection module i.e. "SBI Collect" for 24*365 days 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.). As a result, the time and energy of stakeholders is saved and they can make payment to the university as per their convenience. All the payments and receipt procedures are done through online mode for our stakeholders.

Accounts Department is committed to rendering prompt, reliable, credible and consistent services pertaining to Finance and Accounts for all stakeholder's satisfaction while abiding to statutory and regulatory requirements and also committed to enhance stakeholder's satisfaction through continual improvement of the online system.

Submitted by -
Mr. H. D. Rahul (Chief Accounts Officer) & Mr. M. N. Parmar (Account Officer)

INTERNAL AUDIT SECTION

Internal audit provides independent assurance on the effectiveness of internal controls and risk management processes to enhance governance and achieve organisational objectives. The Internal Audit section started in October 2013 and since then it works as a constructive arm of the university. The Internal Audit section works as a team continuously towards achieving the objectives of the university by following principles of Integrity, Objectivity, Competence, Due Care, Confidentiality and Professional Skepticism.

Main objectives and areas of conducting internal audit are:

- To be a person of highest integrity and maintain utmost confidentiality of all information acquired during the audit work.
- Being moral and ethically responsible. All conflicts of interest are avoided and not to seek or derive any undue personal benefit or advantage from our own position.
- While gathering, evaluating and reporting of the facts & evidence, work is carried out in a highly objective manner without any prejudice or undue influences/ pressure/ interference.
- Exercise due professional care and diligence while carrying out the internal audit i.e., exercises reasonable care in carrying out the work to ensure the achievement of planned objectives.
- An attitude that includes a questioning mind, being alert to conditions, which may indicate possible misstatement due to error or fraud.

Although, internal auditor must be an independent person, it is responsible to the management of the university. **Internal audit is done to continuously improve the internal financial control system adopted by the university.**

The team of the Internal Audit section verifies on an average 80 files/documents/vouchers etc. daily. Queries/remarks/observation are resolved with conciliation/ discussion/ instruction as and when required and includes verification of expenses to ensure compliance of all the rules/regulations/circulars/notifications etc. and ensures the implementation of the prescribed procedures and the orders issued from time to time.

Best Practices:

- Performing internal audit 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 utmost confidentiality of the information gathered during the course of 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. Chitrali Parmar, Internal Auditor

ESTATE SECTION

The major role of the Estate section is to develop infrastructure facilities and maintain the property of the University. Government of Gujarat allotted 100 acres land at Village- Lekawada, Dist. Gandhinagar to develop the new campus of Gujarat Technological University. The master planning of the new campus is designed by a well-known architectural consultant "INI Design Studio Pvt. Ltd., Ahmedabad". The total estimated cost for development of the whole campus approved by the Gujarat Government is of Rs. 486.00 Cr. The campus will be developed in a phase wise manner. Total 17 buildings like administrative building, Academic buildings, Hostels, Residential buildings, Library, Animal House, Cafeteria and common facilities like Post office, Bank extension counters, Stationery, Healthcare etc. will be constructed in 1st Phase of work. The construction cost for the 1st phase is Rs. 275.00 Cr for the built up area of 64572 Sq. mt and construction of most of the buildings is currently underway.

Administrative Building

School of Business Administration

School of Engineering

Girls Hostel

This new campus will be constructed as per the standards of world class University with green building concept and following norms for GRIHA/IGBC rating. New campus includes IBMS (Intelligent Building Management System), Rooftop Photovoltaic Solar Electricity Generation System, HVAC, Water Distribution System including storage & treatment plant, Rain Water Harvesting System, and Solid Waste Management system. Sewage water will be treated & used for horticulture & flushing. This new campus will have concrete paved internal roads, Walkways, Cycle Paths, Barrier free environment for the persons with disabilities, Landscaping, Afforestation & Horticulture etc.

- **Presently, Gujarat Technological University is spreaded over in following different premises:**

1. Campus at Secor-26, Gandhinagar

Sr. No.	Building	Area (in Sqm)	Nos. of Floors	Particulars
1	GTU Gandhinagar campus	4725	4	Graduate School of Pharmacy
2	Girls Hostel	1800	4	Accommodation for girls student

2. Campus at Chandkheda, Ahmedabad

Sr. No.	Building	Area (in Sqm)	Nos. of Floors	Particulars
1	Administrative building	9780	4	Establishment and Administration purpose
2	Academic Block no.2	819	1	Design Innovation Center
3	Academic Block no.4	1876	2	Graduate School of Management Studies
4	Academic Block no.5	2807	3	Atal Incubation Center, Graduate School of Engineering & Technology
5	Vice Chancellor Bungalow	428	2	Residence for Hon. Vice Chancellor
6	GTU staff quarter	7715	10	Residence for University staff members
7	Boys Hostel	3510	3	Accommodation for students (boys)

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

Sr. No.	Building	Area (in Sqm)	Nos. of Floors	Particulars
1	Block no.3, LD Engineering College campus, Ahmedabad	1120	2	Startup, Innovation & other research activity
2	AVPTI Campus, Tagore Road, Rajkot	350 (Approx.)	1	Startup, Innovation & other research activity
3	Dr. S&SS Gandhi College, Majura gate, Surat	410 (Approx.)	1	Startup, Innovation & other research activity
4	Govt. Technical High School, Dandiya bazar, Vadodara	160 (Approx.)	2	Startup, Innovation & other research activity

4. Facilities at GTU Campus, Chandkheda, Ahmedabad

Sr. No.	Facility	Area (in Sqm)	Particulars
1	Dispensary	40	Providing medical facility to GTU staff members
2	Crèche	40	Providing Crèche facility to GTU staff members
3	Canteen	120	Providing Canteen facility to GTU staff members
4	Mess	400	Providing Mess facility to GTU Student and Staffs

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

MEDIA SECTION

The Media section makes legitimate announcements that are actually newsworthy and can be effectively delivered to university's stakeholders directly through well-written press releases and designed graphics for drawing attention through social media and websites. Consistent public relations efforts generate awareness of GTU PG Schools and university to complement other branding and promoting initiatives, perhaps even earning the coveted media spotlight that leads to substantial conversions. The student education and research related information is the hero in our stories and our job is to show them how Gujarat Technological University is the path to achieving their goals.

GTU media department publishes the latest news on GTU social media platforms and well-known state news media houses in which new newspapers and online portal news like Kathiawadi Post, Nyayadarshan, Gujarat Gandhinagar and Bilkul online portal have joined us this year. This year GTU Media team published more than 350 news stories which were prominently used by newspapers, digital web portal, radio, TV news channels and social media WhatsApp Channel.

Start-up Festival-2023 was successfully organized by GTU in which a total of 114 investors participated. They showed readiness to invest approximately 532 crore rupees in the start-up. The GTU Media team covered this event and also published the success stories of many events like Smart India Hackathon, Festival Special Stories, Sports and Cultural Stories, GISC-DIC-AIC Innovation Stories in the Times of India and Indian Express special magazines.

GTU's DEO-cum-Designer made in-house graphics designs related to various programs, webinars, seminars, and university's other day-to-day and special events, especially forward-looking designs with great themes to persuade the given concept. Not only does the media department help to build brand and develop collaborators that's passionate about educational opportunities, but it also enables them to foster relationships with prospective, current and former students.

Achievements:

- Last year communication was done with more than 400+ reporters among Gujarat and other states of the nation and press notes were shared with them
- More than 350+ positive print media press notes in all three languages i.e., Gujarati, Hindi and English
- More than 225+ worthwhile electronic media coverages in Gujarati and Hindi
- Approximately 300+ productive web media coverages, DD News and Prasar Bharti media coverages.

Submitted by -
Mr. Milan Pathak-IPRO, Mr. Hardik Leuva- Graphics Designer
Mr. Anil Pathak-Media Advisor, Mr. Manoj Shukla- Media Advisor

EXAMINATION SECTION

GTU Exams 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. This has been possible because of the entire support and positive attitude of all affiliated colleges, principals, and faculty members. To make the examination system more reliable, transparent, and accountable, GTU has adopted many innovative approaches.

A total of 13795 manuscript preparation appointment orders for setting up question papers for various subjects were issued for the Winter-2022 and Summer-2023 examinations. A total of 7030 number of different subjects were offered in the Winter-2022 and Summer-2023 examinations. A total of 392126 students had registered in 33 different courses for the Winter-2022 and Summer-2023 examinations.

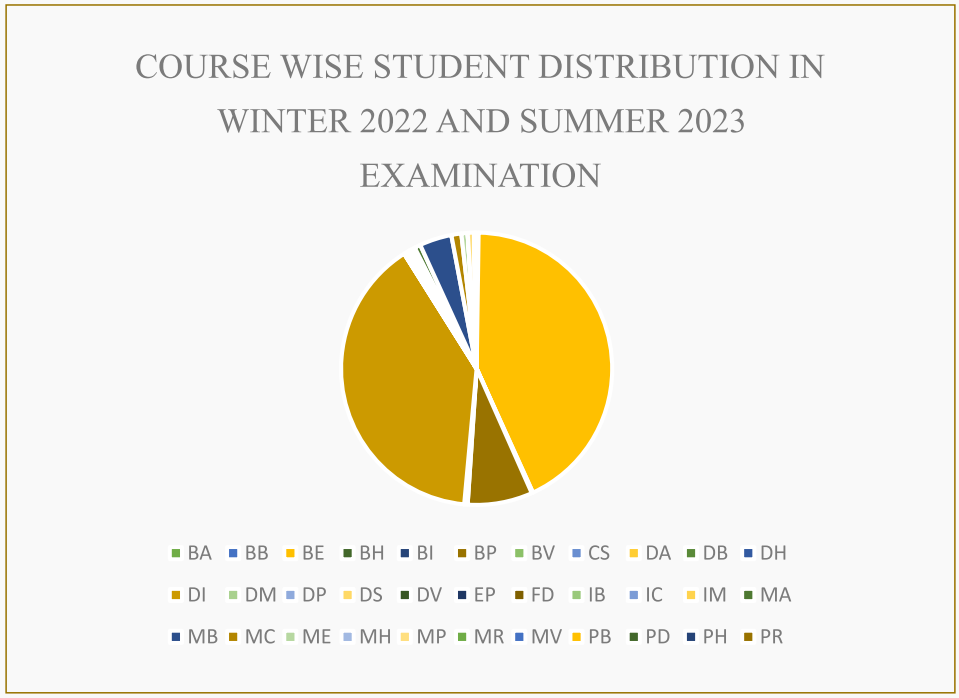


Table 1: Winter-2022 and Summer-2023 examination details

Details	Winter-2022 Examination	Summer-2023 Examination	Total
Total Students Registered	205473	186653	392126
Number of Subjects offered	3463	3567	7030
Number of Manuscript Preparation Appointment Orders issued	6164	7631	13795
Number of Answer books Assessed	1161503	915458	2076961
Number of Exam Centres	405	349	754

Examination Process and Set-up

To make the examination process smoother, the university has divided the whole state into six zones, namely Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot, Surat, and Bhuj. Zonal officers are deputed during exams in these zones. The university appoints faculties of affiliated colleges as GTU observers in each exam centre for smooth conduct of exams, and answer books are transferred to the concerned zonal office on the same day of the exam by the observer after completion of exams. The observer has to reach the exam center at least 50 minutes before the commencement of the subject exam.

During any university subject exam, a student is given a student-specific and subject-specific barcode, which is to be pasted by the student on his/her 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

Answer books are assessed through E-assessment in the Summer-2023 examination, and manual assessment was carried out in the Winter-2022 examination. Answer books are collected on the very same day as soon as the examinations for the day/session are over from all the colleges located in any of the six zones. All such answer books collected for the day are shuffled subject-wise, bundled, and packed in a bunch of 100 answer books. By the next day, these bundles are transported to the university head office located in Chandkheda, Ahmedabad.

Manual Assessment of Hard-copy of Student's Answer books

Lots received at GTU, Chandkheda, from different zonal offices are shuffled and assigned examiners for evaluation. The said lots are transported back to the concerned Zonal Office. From Zone Office, these unassessed answer book lots are transported to the college of the concerned examiner.

Faculties at colleges collect this answer book lot from the GTU coordinator of the college, and keep it in their custody till the assessment is over. Once the assessment is over, evaluator enters marks online through a secure portal and submit assessed answer book lots to the GTU coordinator.

At the university, these assessed lot bundles having maximum of 100 answer books are opened to re-enter and validate question-wise marks as well as total marks. Entered marks are verified again by entering total marks. Any error related to the entry that might have occurred at the examiner level is rectified here. After mark entry, answer books are again packed in a bag and stored at a definite location.

E-Assessment

The E-Assessment system was introduced from the term-end external theory examination of MBA Semester-1 in the Winter-2012 as a pilot project. Based on the success, the 'E-Assessment' was later implemented in other courses as well.

In e-assessment, digital answer book is uploaded to 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 allotment of answer books to the available evaluators is done randomly. Evaluators can carry out e-assessments using computers/laptops and internet connectivity from anywhere at any time, thus giving them freedom of assessment as per their convenience using technology. Approximate 24 million answer books have been digitally evaluated by GTU up until now since the Winter-2012 examination.

When students apply for re-assessment, the digital scan copy is again published to be evaluated by another 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)

University has transmitted a large number of Question Papers in Theory Examinations to different exam centres located across the state through Secure Online Question Paper Delivery System (SOQPDS). University has transmitted 3463 Subject's Question Papers to 405 exam centres in Winter 2022 Examination and in Summer 2023 Examination 3567 Subject's Question Papers were transmitted to 349 Exam Centres.

Entry of Marks and Result Preparation

Gujarat Technological University has developed online portals for fetching marks of various components of student's result.

Table 2: Brief idea about marks entry of different components

Mode of Exam	Component Type	Abbreviation	Mode of entry	Marks Entered by	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*	There are 2 modes of theory external examination evaluation*
	Practical/ Viva	V	Online	External Practical or Viva examiner	Marks entered through portal is also submitted in hardcopy to University

* For an External Theory Examination, there are two modes of evaluation, i.e., e-assessment and manual evaluation of hard copies of the student's answer-book. For manual evaluation, marks entered by the paper evaluator are entered again and revalidated at the university level to remove any type of entry-related error.

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 the Secure Online Question Paper Delivery System (SOQPDS), which incorporates various security features from the Summer-2018 examination. The university is transmitting question papers to exam centers, which are located across the state. The encrypted compact disk is replaced by SOQPDS. 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 the B.E. 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 achieved success in delivering grade cards to colleges through Speed Post in a short time after the declaration of results, so that grade cards can be received by students in a timely manner. Cash less GTU Exam administration for students as well as college payment. The online portal for the exam stationary has been activated from the Winter-2018 examinations. Speedy digital payment for the drawing of manuscripts was implemented from the Winter-2018 exams. Appointment of paper setters are done through a panel comprising of Deans, Associate Deans, Chairman, and Members of BOS.

Appreciation by peers

Gujarat Technological University earned fame for having a very robust system for conducting examinations. Various universities visit the Gujarat Technological University campus to explore the possibility of adopting the best practices of GTU examination system. The exam section has got the opportunity to share knowledge and experience on a mutual basis with officers of many other universities. Other university officers, including core members of the Examination Department, Computer Department, and General Administrators like 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

SECTION - III

ACADEMIC ACTIVITIES

GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY

GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY (GSET) offers

- Masters of Engineering in Computer Engineering (Cyber Security) – 30 Intake capacity
- One Year Postgraduate Diploma Program in Data Science – 30 Intake capacity
- Masters of Engineering in Internet of Things – 18 Intake capacity
- Masters of Engineering in Artificial Intelligence and Data Science – 18 Intake capacity
- Masters of Engineering Civil (Structural Engineering) – 18 Intake capacity
- Bachelor of Engineering (Computer Engineering) – 60 Intake capacity

Vision of GSET

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

Award/Honours received by Institute, Faculty Members and Students and Extra-ordinary Initiatives:

The faculties and students have received a number of academic recognitions, honour, renowned fellowships, research grants, associateships, specified lectureships, awards and medals in acknowledgment of their academic and social achievements during last academic year (2022-23). The details are as follows:

NBA accreditation

GSET has applied for NBA accreditation for the program named PG – Computer Engineering (Cyber Security) and an expert team conducted onsite evaluation of the program from 2nd to 4th June 2023. On 26th October 2023, the competent authority in NBA has approved the accreditation status to the PG – Computer Engineering (Cyber Security) for the Academic years 2023-2024 to 2025-2026.

A Centre of Excellence (CoE) for Blockchain Technology was set-up at Gujarat Technological University with financial assistance of Rs.100 lakh from the Education Department, Government of Gujarat. AICTE Chairman, Prof. T. G. Sitharam (Chief Guest) and Dr. H. R. Nagendra (Guest of Honour, S-VYASA University Vice-Chancellor) inaugurated this centre on the occasion of 16th foundation day of the university. Various events have been organized under the centre.

- GTU-GSET has taken an initiative to give **free of cost 12-week internship** in

1. Cyber Security (From 20th February 2023 to 10th May 2023)
2. AI, IoT and ERP and Industrial Automation (From 20th February 2023 to 10th May 2023)

at its premises including full access to the available labs and resources (hardware and software)

Gujarat Technological University – Graduate School of Engineering and Technology has received **best section award** for its outstanding contribution towards university vision and mission on 16th May 2023 on the occasion of 16th Foundation Day of Gujarat Technological University.

Faculty Achivements

- **Prof. P. S. Mann, Prof. Gautam Makwana, Prof. S. K. Hadia** (Associate Professor) **Prof. Margam Suthar, Prof. Deepak Upadhyay, Prof. Raj Hakani** (Assistant Professor), received Certificate of Appreciation and financial reward on 16th Foundation Day of Gujarat Technological University, Ahmedabad on 16th May 2023.

- **Prof. Raj Hakani,** Assistant Professor, GTU-GSET

1. Received Rs. 50,000 Grant from GUJCOST - DST as part of Robofest 3.0 to developed "Hexapot Robot" and "Self-Balancing Robot" on 15th April 2023.
2. Secured 1st, 2nd and 3rd Rank in "Young Entrepreneurship Challenge," Organized by WSRO in association with DST on 28th April 2023.
3. Received "Gold Badge Mentor" Award by Atal Innovation Mission, NITI Ayog on 5th April 2023.
4. Received the SMC Corporation Award for Great technical skill and accurate Robot (as a team) in the international level ROBOCON competition organized at Cambodia on 27th August 2023.

- **Prof. Raj Hakani, Prof. Rutika Ghariya,** Assistant Professor, GTU-GSET and **Ms. Dhwani Hakani,** ADF Research Scholar, GTU-GSET, received certificate of recognition for outstanding efforts as a distinguished alumnus on the occasion of the 13th foundation day of GIC on (2nd August, 2023) organized by Gujarat Technological University Innovation & Start-up Center.
- **Prof. P. S. Mann,** Associate Professor, GTU-GSET, received Certificate of Gratitude by Dewang Mehta Foundation Trust as Jury Member for Dewang Mehta IT Awards, 2023.

Patent Grant/Research Grant received by the Faculties:

Sr. No.	Name of faculty/student	Details
1	**Prof. Gautam Makwana,** (Associate Professor)	1. Granted Indian Design Patent on "Multiband Antenna" with Prof. Shailesh D. Panchal (Application No. 377174-001) in January 2023 2. Granted Industrial Design Patent on "Multiband Antenna" with Ms. Ritisha V. Bhatt and Mr. Devendra H. Patel (Application No. 3370713-001, CBR: 205877) in January 2023. 3. Granted Indian Design Patent on "Multiband Antenna" with Mr. Devendra H. Patel (Application No. 379247-001) in February 2023. 4. Filed an Indian patent on "An Innovative Asthma Attack Prediction and Monitoring Device" with Mr. Saif Saad, Fakhrulddin, Dr. Vaibhav D. Bhatt, Dr. Sadik Kamel Gharghan, Dr. Kossay Kamalaldeen Al-Ahmady on 14th September 2023.
2	**Prof. K. R. Borisagar,** (Associate Professor)	Patent granted on "System to control an apparatus using speech signals and method thereof" on 25th September 2023.
3	**Prof. Raj Hakani,** (Assistant Professor)	Published an Indian patent on "Smart Garbage Segregation Robot" with Rajesh Rishi, Priya Lokare, Madhu S. Mallisetty,Aruna Balasaheb Salunke, Neha Saxena, Shubham Dilip Shedge, Raj Arvindkumar Hakani on 07th July 2023.

Research Papers Publication/Review: The summary is as below:

Sr. No.	Name of faculty/student	No. of Publications during January 2023-October 2023
1	Prof. S. D. Panchal	05
2	Asso. Prof. Gautam Makwana	05
3	Asso. Prof. P. S. Mann and Prof. S. D. Panchal	01
4	Asst. Prof. Raj Hakani	01
5	Prof. J. A. Amin	02
6	Asst. Prof. Seema Joshi	01
7	Ms. Aanal Raval (PhD Scholar) and Asso. Prof. Komal Borisagar	01
8	Ms. Arpita Maheriya (PhD Scholar (ADF)) & Prof. S. D. Panchal	01
9	Mrs. Dhwani Hakani (PhD Scholar (ADF)) & Asso. Prof. P. S. Mann	02

The faculty members have reviewed more than 40 research papers/articles/book chapters for various reputed journals and conferences.

Workshops /Conferences /Seminars /Technical Contribution:

Various Technical and Non-technical workshops, seminars, training programs and events have been organized by GTU - GSET during the last 12 months. The details are as below:

Sr. No.	Name of faculty/student	No of items
1	No. of Workshop/Seminar **conducted/delivered** by Faculties	25
2	No. of Workshop/Seminar/FDPs **coordinated** by Faculties	18
3	No. of Workshop/Seminar **Attended** by Faculties and students	45
4	No. of **Technical contribution** by faculties	40
5	No. of Non-technical events by **SAPTAK club**	13
6	No. **training programs** under Centre of Excellences at GSET	08

- Prof. Apurva Dave (Assistant Professor) has done consultancy work of Rs. 5,000 on "Structural Analysis and RCC Structure Design of residential building".
- Prof. Deepak Upadhyay (Assistant Professor) has started Value Added Course on Cyber Security Certification on 22nd January 2023 and had done a consultancy of Rs. 1,34,500/- during June 2023.

Major Technical Events at GTU-GSET:

Academia-Industry Meet (AIM-2023)

- **Date:** 13th April, 2023 (70 attendees)
- **Objectives:** To build strong relationships with research organizations and industry in order to promote research and consultancies, as well as to support new practices in order to foster innovators and entrepreneurs.
- Keynote sessions, open discussions, MoU signing and a placement drive were all part of AIM - 2023.

Industry Sponsored National Workshop on "Opportunities in Radio Frequency Development of Next Generation Defence Systems for the Nation"

- **Date:** 2nd - 4th March, 2023
- Total **39** faculty members, researchers and industrialists have participated in this workshop.
- **Received Rs. 1,00,000/-** financial assistance from INFITRON Advanced System Pvt. Ltd., Ahmedabad

Research talk on "Cloud, Fog and Edge Computing"

- **Date:** 26th April 2023 - 27th April 2023
- **Prof. Rajkumar Buyya,** Redmond Barry Distinguished Professor and Director of the Cloud Computing and Distributed Systems (CLOUDS) Laboratory at the University of Melbourne, Australia & CEO of Manjrasoft Pvt. Ltd., Australia was invited to deliver the research talk on "Role of Timely Research and Innovation: A Perspective on Impact and Citation" for 180 Ph.D. students of the GTU on 26th April 2023.

MoU with GESIA IT Association

GSET has signed Memorandums of Understanding (MoUs) with GESIA IT Association to establish potential collaboration for a variety of activities such as curriculum updates based on industry requirements, joint organisation of various training programs/skill development programs on advanced technologies, internship and placement opportunities for students, and joint research/consultancy projects.

Lab Infrastructure:

Sr. No.	Laboratory	Major Equipment/Software purchased
1	Cyber Security Laboratory	• Computer System with Latest Configuration • FRED – Forensic Acquisition and Analysis workstation • BelkaSoft Evidence Center • MAC Based Apple Computer System Total Qty-12 • Server System • Network Simulators • Burp suite Professional • PARAM SHAVAK Supercomputer • VAPT Open-Source Software for VAPT Activities • Ethical Hacking Toolkit • Nessus Vulnerability Scanner
2	IOT & MCNT Laboratory	• Mobile GSM trainer, 4G VoLTE trainer kit • Electronics Workstation – Integrated • IoT Builder Kit with 50 different Sensors (with cloud and Gateway) • Various antennas which can be useful for studying function of each antenna by taking its radiation pattern, beam width, antenna gain. • HFSS for RF and Microwave
3	AI & DS Laboratory	• AI & DS trainer kit • AI + IOT builder workstation • High Performance Computational Facilities
4	CIVIL (SE) Laboratory	• Software from Bentley Systems and Autodesk • STADD Pro, Advanced STADD, 3D Structural Analysis, PLAXIS, WaterCAD, StormCAD, MX Roads etc. • MATLAB

Placements and Internships:

Final year students of GTU-GSET are doing their internship from the organization of national repute/well-known companies like SAC – ISRO Ahmedabad, Masibus Pvt. Ltd. -Gandhinagar Lampros Tech, Ahmedabad, DRDO Ahmedabad, Masibus pvt. Ltd, Bisag Gandhinagar, Upeya Technolgy, Gandhinagar, etc. The details are as follows:

Sr. No.	Program	No. of Students selected for Internship
1	M.E. - Cyber Security (Batch – 2022-24)	05
2	M.E. – AI & DS (Batch – 2022-24)	01
3	M.E. - Internet of Things (Batch – 2022-24)	05

Students of the programs Cyber Security, MCNT and IOT got selected in campus placement/off campus placement in the various reputed organizations and companies like, e-Infochips Solutions, Ahmedabad, Masibus Pvt. Ltd.-Gandhinagar, BlueInfy Solutions, Ahmedabad, Silver touch solutions, Ahmedabad, Infopercept pvt. Ltd., Ahmedabad, Microlink Pvt. Ltd., Ahmedabad, Alight Pvt. Ltd. Ahmedabad, TCS Ahmedabad, Radixweb Ahmedabad, eBytelogic Ahmedabad, Singularity Lab, Ahmedabad and various teaching institutes etc. The details are as follows:

Sr. No.	Program	No. of Students selected in Placement
1	M.E. - Cyber Security (Batch: 2021-23)	14
2	M.E. - Mobile Communication and Network Technology (Batch: 2021-23)	03
3	M.E. - Internet of Things (Batch:2021-23)	11

Submitted by -
Prof. Rutika Ghariya, Assistant Professor, GSET, GTU
Dr. S. D. Panchal, Professor & Director, GSET, GTU

GRADUATE SCHOOL OF PHARMACY

Gujarat Technological University has established a Graduate School of Pharmacy in 2017 which is approved by the Pharmacy Council of India.

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

Courses Offered at Graduate School of Pharmacy:

Sr. No.	Courses Offered	Name of Course	Student Intake
1	B. Pharm	Bachelor of Pharmacy	60
2	M. Pharm	Pharmaceutical Regulatory Affairs	15
3		Pharmaceutical Quality Assurance	15
4		Pharmaceutics	15
5		Phytopharmacy and Phytomedicine	10
6	Certificate Courses	Pharmacovigilance and Medical Writing	15
7		Training of Sophisticated Analytical Instrument Handling	15
8		Reverse Engineering Approaches in Pharmaceutical Product Development	15
9		Good Manufacturing Practice for Biological Products	15
10		Pharmaceutical Quality System & Auditing Compliance	15

Achievements of Graduate School of Pharmacy:

- Graduate School of Pharmacy received 71st Rank in NIRF Ranking in all over India in Pharmacy Discipline.
- Graduate School of Pharmacy has been appreciated as One of the Best-performing NDLI Clubs in Gujarat State.
- The Graduate School of Pharmacy received registration of Institutional Ethics Committee relating to Biomedical & Health Research with the National Ethics Committee Registry for Biomedical & Health Research, Dept. of Health Research, Ministry of Health & Family Welfare, Govt. of India.

Graduate School of Pharmacy has signed MOU with:

Ratnagene Lifescience Pvt. Ltd

Topia Technologies

Aarpan Remedies LLP

Faculty Achievements:

Sr. No.	Particular	Total
1	Review and Research Paper	13
2	Book Chapter	12
3	Patent	3
4	Faculty Development Program attended	5
5	Training/Workshop/Conference attended	18
6	Expert Talk by Faculties	5
7	Seminar/Webinar Organized	12
8	Research Grant	12.3 Lacs
9	Award received by Faculty	4
10	Consultancy Received	6,08,763

જીટીયુ જીએસપીના પ્રોફેસર્સ દ્વારા ડાયાબીટીસ અને બ્લડપ્રેશરની દવા પર કરાયેલ રીસર્ચમાં નાઈટ્રોસામાઈન મળી આવ્યું

ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી (જીટીયુ) વર્તમાન સમયની માંગ આધારીત સંશોધન માટે સતત કાર્યરત રહે છે. એન્જિનિયરીંગ શેત્રે કે પછી કાર્મકી શેત્રે હિત-પ્રતિદિન સમાજ ઉપયોગી સંશોધન કરવા માટે જીટીયુના વિદ્યાર્થીઓ અને ફેકલ્ટીઝ અગ્રેસર રહે છે. તાજેતરમાં જ જીટીયુ સંચાલિત ગોકુલધામ સ્કૂલ ઓફ ફાર્મસીના પ્રો. રવિસિંહ સોલંકી અને પ્રો. રવિ પટેલ દ્વારા ડાયાબીટીસ અને બ્લડ પ્રેશરની બિમારીમાં વપરાતી લોસાર્ટન અને મેટ્રોર્ગિનના વિવિધ સંયોજનની દવા પર કરાયેલા રીસર્ચમાં કેન્સર થવાના કારણભૂત રસાયણ "નાઈટ્રોસામાઈનની" હાજરી ૨ થી ૩૦ ગણી વધારે જોવા મળી છે.

આ સંદર્ભે જીટીયુના કાર્યકારી કુલપતિ પ્રો. ડૉ. પંકજરાય પટેલે જણાવ્યું હતું કે, ડાયાબીટીસ અને બ્લડપ્રેશર સિવાયના અન્ય રોગોમાં પણ લેવામાં આવતી દવાઓ ચોક્કસ્તા યોગ્ય માર્ગદર્શન મુજબ જ લેવી જોઈએ. જેથી કરીને કોઈ પણ પ્રકારની આડઅસર ન થાય. આ પ્રકારનું રિસર્ચ કરવામાં લેવામાં ખૂબ જ ઉપયોગી નિવડશે. જીટીયુના કુલસચિવ ડૉ. કે. એન. પેટેલ અને જીએસપીની ડાયરેક્ટર પ્રો. ડૉ. સંજય ચૌહાણે જીટીયુ જીએસપીની રીસર્ચ ટીમને અભિનંદન પાઠવ્યા હતાં.

Research was conducted by Prof. Ravisinh Solanki and Prof Ravi Patel at Graduate School of Pharmacy. This research has uncovered a concerning issue regarding Nitrosamine content in medications used for Diabetes and Hypertension disease, revealing that certain medicines from 15 different Marketed medicines exceeded International Nitrosamine content standards by up to 30 times.

Prof Ravi Patel bestowed with "Danida Fellowship Scholarship" to pursue learning program on "Fostering Innovation and Commercialization of Intellectual Property" organised by CBS Department of Strategy and Innovation, Copenhagen Business School, Denmark during the period 13th – 31st March 2023.

Students' Achievements:

Sr. No.	Particular	Total
1	Paper Presentation	9
2	Participation in Conference/ Seminar/ Webinar	1

Ms. Tithi Bharatkumar Patel, student of M. Pharm Pharmaceutical Regulatory Affairs has achieved 1st rank in the poster presentation entitled 'Exploring Signal Detection in Pharmacovigilance' at the 11th Pharmavision 2023 guided by Ms. Bhumika Maheriya, Assistant Professor of Graduate School of Pharmacy.

Events at Graduate School of Pharmacy

The Agilent Centre for Excellence at Graduate School of Pharmacy organized the one day workshop on "Recent trends of HPLC and Mass spectrometry" on 10th January, 2023. The training was followed by the brief demonstration of HPLC and LC-MS/MS.

As a part of G20 activities GSP Sports and Cultural club arranged a Quiz Competition on "Environment and Climate Sustainability".

Training Program for Laboratory Technicians and Laboratory Assistants on 17th - 18th March 2023

GTU-GSP organized a two-days training program on "Laboratory Management" with valuable lectures and expert sessions from various professors and scientists. The program was attended by 35 participants from 22 different colleges, and covered topics such as lab safety, hazard management, waste management, and inventory management. The trainees were appreciated with certificates at the end of the program.

Laboratory Systems and Internal Audit Training as per ISO/IEC 17025:2017 on 5th and 6th June 2023

GTU - Public Testing Laboratory in collaboration with the Quality Council of India arranged a two days training program on Laboratory Systems & Internal Audit as per ISO/IEC 17025:2017, on 5th and 6th June 2023. In this training program, 35 participants took part from different pharma industries, research laboratories, management companies, agriculture industries and chemical industries.

Students of the Graduate School of Pharmacy-GTU explored India's national treasures of Modhera Sun Temple, Rani ki Vav in Patan, and Sahstraling Talav on 15th May, 2023.

Visit to the 'Food and Drugs Control Administration' on 15th July 2023

PG students of GTU - Graduate School of Pharmacy visited the Food and Drugs Control Administration, Gujarat's Head Office at Gandhinagar. Students were familiarized with the licensing procedure for AYUSH products, online portal for application and current regulatory guidelines related to the same on 15th July, 2023.

The Graduate School of Pharmacy and Agilent India Pvt. Ltd. jointly organized one day Hands-on training of High Performance Liquid Chromatography (HPLC) and software (open lab CDS) on 09th August 2023.

Graduate School of Pharmacy Club of National Digital Library of India organized a Model Making Competition on "Chandrayan-3" in blended mode on 2nd September, 2023. Students of Graduate School of Pharmacy participated actively in Model Making Competition. In this event, 78 candidates participated.

Submitted by –
Dr. Sanjay Chauhan, Professor & Director, GSP, GTU

GRADUATE SCHOOL OF MANAGEMENT STUDIES

Graduate School of Management Studies (GSMS) of Gujarat Technological University offers quality education in various business management fields.

Vision of GSMS:
To Be an Institute of Excellence in Management Education by Developing Globally Competitive and Socially Responsible Professionals.

1. Programs at GSMS-GTU

Sr. No.	Program	Year of Introduction	Students enrolled (2023)
1	MBA – International Business	2018-19	77*
2	MBA – Innovation, Entrepreneurship, and Venture Development	2019-20	11*
3	Post Graduate Diploma in Digital Marketing	2018-19	16*
4	Post Graduate Diploma in Hospital Management	2022-23	33
5	Bachelor of Business Administration (BBA)	2022-23	73*

*including International Students

2. Faculty/Staff Participation, Publications and Achievements in the year 2023

- **Dr. Pankajray Patel,** Professor and Director, was invited as a PhD thesis evaluator and expert for viva voce at Pacific University, Udaipur, on September 16, 2023.

- **Dr. Kaushal Bhatt,** Associate Professor
  - Invited as a PhD thesis evaluator and expert for viva voce at Kachchh University, Bhuj, and at Sankalchand Patel University, Visnagar
  - Appointed as an expert to assess the application for supervising teachers for a PhD degree at Veer Narmad South Gujarat University, Surat
  - Served as an expert and evaluator in the PhD coursework at Gujarat National Law University, Gandhinagar
  - Appointed as a member of the research progress committee at the National Forensic Science University, Gandhinagar
  - Appointed as a member of the Board of Studies for Commerce and Management at Dr. Shubhash University, Junagadh.
  - Appointed as a reviewer for the SSIP grant at GTU Innovation and Start-up Company.

- **Dr. Sarika Srivastava,** Assistant Professor
  - Completed online training and cleared 4 modules (i) Orientation Towards Technical Education and Curriculum Aspects, (ii) Professional Ethics and Sustainability, (iii) Communication Skills, Modes and Knowledge Dissemination, (iv) Instructional Planning and Delivery under NITTT scheme initiated by AICTE and MoE
  - A book chapter titled 'AI-Driven HRM: Unlocking Employee Experience and Engagement in The Future' is accepted for publication in IIP Book Series *"IIPV3EBS03_G140 Futuristic Trends in Management"* under Volume 3, 2023 for publication

- **Dr. Krishnaba Vaghela,** Assistant Professor
  - Appointed as a mentor for IEP program for Management at Varna University of Management, Varna, Bulgaria
  - Received the best paper certificate award for a paper entitled "Decoding the skillsets of Indian Unicorn Start-up Entrepreneurs: A Theoretical Study" at the international conference organized by St. Kabir Institute of Professional Studies, Ahmedabad
  - Conducted expert sessions at Indukaka Ipcowala Institute of Management, CHARUSAT

- **Dr. Tushar Panchal,** Assistant Professor
  - Accompanied GTU Robocon Team for an international participation at ABU Robocon23 in Cambodia, Phnom Penh.
  - Conducted an expert session in an international training program on 'Technopreneurship: Creating Technology-enabled Start-ups and Ecosystem' organized by EDII, Ahmedabad.

- **Dr. Radhika Gandhi,** Assistant Professor
  - Completed a Professional Certificate Programme in "HR Management and Analytics" from IIM Kozhikode and a 4-days online workshop on "Microsoft Power Business Intelligence (BI)" organized by Meerashpa Learning Solutions.
  - Was invited to conduct an expert session at S. R. Luthra Institute of Management Studies.

- **Dr. Neela Multani,** Assistant Professor, earned a gold medal in the NPTEL online certification course on "Business Analytics for Management Decisions"

- **Dr. Pulkit Trivedi,** Assistant Professor was invited to conduct an expert session at the B. K. School of Management, Gujarat University, and AIC-GISC, GTU

- **Dr. Kaushal Bhatt, Dr. Sarika Srivastava and Dr. Radhika Gandhi,** received a certificate of appreciation for their contribution to the NAAC accreditation work of the university on the 16th Foundation Day of GTU.

- **Dr. Kaushal Bhatt, Dr. Krishnaba Vaghela, Dr. Pulkit Trivedi, Dr. Radhika Gandhi, and Ms. Medha Vyas** were invited to conduct viva for MBA programme at various institutes and universities in Gujarat.

Sr. No.	Name of Faculty/Staff Member	No. of publications / presentations in 2023	Participation in conference/ workshop / seminar/ FDP
1	Dr. Kaushal Bhatt, Associate Professor	1	3
2	Dr. Sarika Srivastava, Assistant Professor	4	8
3	Dr. Krishnaba Vaghela, Assistant Professor	4	1
4	Dr. Neela Multani, Assistant Professor	2	2
5	Dr. Pulkit Trivedi, Assistant Professor	4	1
6	Ms. Medha Vyas, Assistant Professor	-	1
7	Mr. Chintan Vasava, Librarian	-	2

3. Students' Achievement and Participation in the year 2023

- **Mr. Karthik Athreya,** an MBA (IEV) student's start-up, 'Urban Sphere', has got an export order of 5000 e-buses for the Philippines with a commitment of USD 1.2 billion
- **Mr. Karthik Athreya,** an MBA (IEV) student, has received an award for the most innovative start-up of the year 2023 in the EV category by Business Mint, Hyderabad
- **Mr. Harshdeepsinh Parmar,** a PGDDM student, won (i) Men's Doubles in SRAG-GSTA State Ranking Tournament, (ii) Mix Doubles in ALTIUS-GSTA State Ranking Tournament, (iii) Mix Doubles in SRAG -GSTA State Ranking Tournament in Lawn Tennis

4. Research Grant Received by Faculty and Students in the year 2023

- **Dr. Sarika Srivastava, Dr. Neela Multani, and Dr. Radhika Gandhi,** Assistant Professors, received Rs. 90000-100000 each grant under the "Seed Money Scheme" of the university.
- MBA students **Ms. Axita Tambudiya, Mr. Dhiren Patadiya, Mr. Pratik, and Mr. Umashankar Acharya** received 20,000-25,000 rupees each grant under the "Seed Money Scheme" of the university.
- MBA (IEV) semester-3 student innovators **Vivek Rabari, Dhiren Patadiya, Umashankar Acharya, Niyati Shah, Pratik, and Mittal** received an SSIP grant of total Rs. 5,20,000.

5. Placement assistance at GSMS

The Training & Placement Committee of GSMS actively invites various companies for placement drives and conducts capacity-building programs for grooming students to increase their employability skills. The details of the placement offered to MBA (IB) batch 2021-23 students are as follows:

Particulars	Numbers (year 2023)
Total number of students eligible to get placement assistance	64
Number of companies invited for placement drive	21
Number of students selected in placement drive	47
Maximum salary offered (in lakhs)	4.74
Average of salary offered (in lakhs)	2.96

Events /Activities /Celebrations at GSMS

ACADEMIA INDUSTRY MEET (AIM)

The 2nd Academia Industry Meet (AIM 2023) for 'Interaction among Academicians and Industrialists' was held on April 15, 2023, which brought together about 50 industrialists and academic experts.

ANUSANDHAN

A State Level Summer Internship Project Competition was organized on 22nd September 2023. More than 50 students from various universities /MBA institutes participated.

GSMS faculty members visited Harsha Engineers International Limited on March 16, 2023, to explore an opportunity for collaboration

Visit to the SemiconIndia 2023 exhibition at Mahatma Mandir, Gandhinagar, on July 28, 2023

Thalassemia Test Camp was organized by NSS unit of GSMS on 1st April 2023

GSMS students and faculty members participated in Heritage Walk on 16th April 2023

MBA students visited Asian Granito India Ltd., Himmatnagar on 25th January 2023

BBA students visited Amul Dairy, Anand and Ahmedabad on 23rd May 2023

EHSAS: GSMS bid a heartfelt goodbye to Batch 2021-23 on June 23, 2023

ABHIGAM: An Orientation Program to welcome new batches of BBA, MBA, PGDDM, and PGDHM

ANTI-RAGGING WEEK CELEBRATION

The Anti-Ragging Week, which featured various activities like poster making, slogan competitions, essay writing, skits, and video watching to raise awareness and promote a ragging-free campus culture, was organized in August 2023.

TEACHERS' DAY CELEBRATION

A Teachers' Day was celebrated on 5th September 2023, where students took part enthusiastically and played a role of teachers to give tribute to their faculty members.

Submitted By –
Dr. Neela Multani, Assistant Professor, GSMS
Prof. (Dr.) Pankajray Patel, Director, GSMS

SCHOOL OF APPLIED SCIENCES & TECHNOLOGY

The School of Applied Sciences & Technology (SAST) was established in the AY 2021-22 to offer courses in the domains of Biotechnology, Bioinformatics, and Biomedical Technology. In the A.Y. 2021-22, SAST-GTU unveiled a duo of distinctive academic programs, namely the Master of Science in Industrial Biotechnology and the Postgraduate Diploma in Bioinformatics. Additionally, in the A.Y. 2022-23, the institution introduced one new program: an Integrated Master of Science in Biotechnology.

Vision of SAST: To be among the nation's leading schools of research and innovation.

Technical events conducted by SAST-GTU

National Level Workshop for Students on Biotechnology 'DAKSHATA'

SAST organized a "Dakshata" workshop from June 21 to 23, 2023. Applications for this workshop were received from Bachelors to Masters students, across India, from which 60 were selected. The event, composed of three distinct modules, namely DNA isolation and PCR, RNA isolation and RT-PCR and Basic Bioinformatics. Participants gained firsthand experience in molecular manipulation and genetic analysis, laying the groundwork for advanced applications in genetics research and diagnostics.

Flow Cytometry Workshop in Collaboration with Thermo Fisher Scientific

School of Applied Sciences and Technology (SAST) and Thermo Fisher Scientific organized a Flow Cytometry Workshop on March 29, 2023, providing an invaluable opportunity for B.Sc., M.Sc., and Research Scholars by offering hands-on experience with flow cytometry technology. In this workshop the students were empowered to bridge the gap between theoretical knowledge and practical application.

Two weeks Hands-on Training Program on Metagenomic data analysis

SAST and Gujarat Biotechnology Research Centre (GBRC) collaboratively conducted a two-week practical training program focused on metagenomic data analysis from September 11th to September 22nd, 2023 for faculty members and Ph.D. scholars.

Expert Talks

G20 and Hon'ble Prime Minister's Vision: Young India, Strong India

The "Young India Strong India" event was held on August 19, 2023 and proved to be a resounding success, drawing a participation of over 100 individuals. This gathering was orchestrated with the aim of acknowledging the potential of our youth in their contribution to a resilient and empowered India.

Expert Talk on National Technology Day

National Technology Day was celebrated on the 11th of May, 2023, to explore the latest advancements in technology and their impact on India and the world. The distinguished guest speaker for the event, Dr. Amrutlal Patel, provided valuable insights into the challenges and opportunities that the rapid pace of technological advancement presents.

Research Publications and Expert Talks by SAST-GTU in 2023

Faculty Name	No. of Publications	No. of Expert Talks	FDP attended
Dr. Vaibhav Bhatt	05	05	00
Dr. Dolatsinh Zala	02	04	01
Dr. Rajesh Chaudhari	01	03	01
Dr. Bhavin Parekh	01	03	01
Dr. Chandrashekar Mootapally	03	04	01
Dr. Neelam Nathani	02	03	01
Dr. Kshipra Chauhan	-	02	01
Dr. Ashish Warghane	07	05	02
Dr. Anupama Modi	06	02	01
Mr. Gaurav Shrimali	-	02	01

Extramural Research Grants received by SAST-GTU

Sr. No.	Title of the project	Name of PI & C0-PI/S	Duration (2023)	Sanctioned Funds (INR)	Funding Agency
1	Augmenting reproductive efficiency of dairy animals through selected ethnoveterinary preparations and biotechnology interventions	Dr. Neelam Nathani, Dr. Chandrashekar Mootapally	3 Years	67,32,712	GSBTM, Govt. of Gujarat
2	Novel formulation, metagenome, biochemical and nutrient analysis of Jiwaamrit using biotechnology intervention	Dr. Ashish Warghane, Dr. Vaibhav Bhatt	3 Years	45,85,712	

Awards

Name of Faculty	Award Name	Month
Prof. (Dr.) Vaibhav Bhatt	WAAH Science Laureate Award given by Vikram A Sarabhai Community Science Centre, Ahmedabad	Jan
Dr. Neelam Nathani	Dr. APJ Abdul Kalam Young Scientist Award given by Marina Labs, Chennai, Tamil Nadu	April
Dr. Chandrashekar Mootapally		
Dr. Ashish Warghane	Best oral presentation (3rd Rank) at ISMPP 42 Annual Conference & National Symposium organized by Anand Agricultural University, Anand	May

Other Major Achievements

- ***DBT Recognition:*** SAST-GTU received recognition from the Department of Biotechnology (DBT), Government of India, for its M.Sc. Industrial Biotechnology program and will be receiving nearly 1 Cr grant for student fellowship and research promotion during their study.
- ***Technology Transfer:*** SAST-GTU transferred its patented Technology by the innovators Dr. Dolatsinh Zala and Mr. Kartik Chauhan to Ostic Pharma Pvt. Ltd. (Startup of IIT, Bombay).

Students Achievements

Nine start-up ideas from student teams of PhD, Master as well as Bachelors students got SSIP 2.0 grant approval of a total INR 11.5 Lakhs.

Students Placements

There was 80% placement of the first outgoing batch of M.Sc. Industrial Biotechnology in reputed industries like Intas Pharmaceuticals Ltd., Baxter Pharmaceuticals India Ltd., StemCyte India Therapeutics Pvt. Ltd., Analytical and Environmental Services Valens DataLabs Pvt. Ltd, Gujarat Biotech Research Centre, while the rest 20% students opted for higher studies (Ph.D.) at GTU itself.

Patents Granted by the Government of India's Patent Office

Collaborative discussions

- ✔ Prof. Vasu Appanna from **Laurentian University, Canada** visited SAST to discuss research collaborations with Laurentian University and had a healthy conversation with students and scholars on various aspects of ongoing research.
- ✔ Team of Scientists from **Zydus Pharma** Ahmedabad visited SAST-GTU for a collaborative research discussion on August 26, 2023. The discussion paved the way for promising applied research in the future. The team also took a tour of all the labs and appreciated the state-of-the-art research setup that the school has developed in a short span of time since its inception.

Societal Impact Activities by SAST-GTU

One-day campaign for a plastic-free environment

SAST in collaboration with AMC and Catch Foundation, orchestrated a meaningful event on the 11th of January, 2023 to raise awareness and advocate reduction of plastic usage.

Let's Save Birds Campaign

SAST celebrated World Sparrow Day on March 20, 2023, as a "Let's Save Birds" campaign. The centerpiece of this campaign was the painting of vibrant and eye-catching water pots designed specifically for our feathered friends. These beautifully adorned water pots were strategically placed in and around the school premises to provide a source of hydration and nourishment for the local bird population.

Submitted By –
Dr. Vaibhav Bhatt, Professor & Director, GTU

GUJARAT POWER ENGINEERING & RESEARCH INSTITUTE

The Gujarat Power Engineering and Research Institute (GPERI), Mehsana, is the constituent college of Gujarat Technological University.

Courses offered at GPERI:

Sr. No.	Courses	Name of Course	Student Intake
1	Bachelor of Engineering	Civil Engineering	45
		Computer Engineering	68
		Electrical Engineering	30
		Mechanical Engineering	45
2	Diploma of Engineering	Civil Engineering	60
		Computer Engineering	60
		Electrical Engineering	60
		Mechanical Engineering	60
3	M. Sc. IT	M. Sc. IT	60
4	PG Diploma	Cyber Security	30

Major Events conducted

1. Alumni Meet-2023 was organized on 7th January, 2023 by Alumni Cell, GPERI.
2. Industry Academia Conclave was organized on 4th March, 2023 by Industry Institute Interaction Cell, GPERI.
3. GPERI organized a Cultural event, Kaushalya-2023 on 28th April, 2023. At this event GPERI invited Mr. Jigalji Thakor, Hon'ble MP Rajysabha, Ms. Shardaben Patel, and Hon'ble MP Lokasabha as a Chief Guest.
4. Placement Fair for final year students was organized on 6th May 2023 by Training and Placement cell, GPERI.
5. The Civil Engineering Department organized a Two Weeks (28th July-10th Aug 2023) in-house Internship Programme on "Enhancing Skills for Civil Engineering and Material Testing" for final year students.
6. An MOU was signed between Bitscape and GPERI for up-skilling the students with current trending technologies.
7. A two-week internship program on "Solar thermal technologies & Industrial Automation" was organized by the Mechanical Engineering Department at Gujarat Power Engineering & Research Institute from 27th July to 11th August, 2023.

8. Two Review Meetings for the Gujarati Edition of Pre-published Comprehensive Glossary of Engineering (English-Hindi) was organized on 27th February, 2023 to 3rd March, 2023 and 8th May, 2023 to 12th May, 2023 respectively.
9. The three Train the Trainer programs are organized on "Solar PV Installer" by Anchor Institute of Solar Energy, GPERI on 24th April, 2023 to 29th April, 2023, 10th July, 2023 to 15th July, 2023 and 1st November, 2023 to 7th November, 2023 respectively.
10. A 15-days Bridge Course and Orientation program for the 1st year students of Degree and Diploma was organized at GPERI, Mehsana from 17th July, 2023 to 5th Aug, 2023.
11. Electrical Engineering Department, GPERI organized a Two – week Internship Program on Programmable Logic Controller (PLC) & Supervisory Control and Data Acquisition (SCADA) from 27/07/2023 to 10/08/2023.
12. The Engineer's Day celebration is organized on 15th - 16th September 2023 at GPERI.
13. The GPERI Navratri "Ramzat – 2023" celebration is organized on 27th November, 2023.
14. Dr. Utsav Gadhia has been deputed as mentor for International Experience Program-2023, at Wismar University, Germany from 18th July 2023 to 11th August 2023.

Awards Received:

1. GPERI-GTU is awarded as Best Engineering College in North Gujarat by B.K. News. Award was received from Honorable Education Minister Dr. Rushikesh Bhai Patel.
2. GPERI-GTU is awarded as Best Engineering College in Gujarat 2023. The award was received from Shazia Ilmi, Spokesperson BJP, Dr. Niraj Saxena, Advisor committee – AICTE, Shree Fagan Sing Kulaste, Hon'ble Minister of State for Rural Development and Steel.
3. GPERI-GTU has received the certificate of excellence by National and International Compendium Lifetime Education Achievement Award for its remarkable role in the field of education.
4. Dr. Chirag Vibhakar has received the recognition for valuable and exemplary contributions in the education sector.

Research Publications, Expert Talk delivered & Patent published/granted:

Sr. No.	Name of Faculty member	Research Paper Publication	Expert Session delivered	Patent Published/ Granted	Research grant (Name of the granting agency)
1	Dr. Vivek Patel	02 – Scopus	01 (Dr. Natubhai Polytechnic, Jotana)	01 (Indian)	01 (SMS, GTU)
2	Prof. Mayur Chauhan	02 – Scopus	-	-	-
3	Prof. Kapil Surani	01 – Scopus 01–WOS	04 (G.P.A, S.P.U, G.P.K)	01 (Indian)	-
4	Prof. Hitesh Patel	01–WOS	01 (D.A. Degree Engg. & Tech.)	01 (Indian)	-
5	Prof. Milin Pandya	-	01 (GPERI)	-	-
6	Prof. Prerak Patel	-	-	01 (Indian)	-
7	Prof. Piyush B. Miyani	01 – Scopus	-	01 (Indian)	-
8	Prof. Kedar Badheka	-	-	-	01 (SMS, GTU)
9	Dr. Lav Kaushik	01 – Scopus	01 (Dr. Natubhai Polytechnic, Jotana)	01 (Indian)	01 (SMS, GTU)

Placement Records (Year: 2023)

Sr. No.	Name of Department	No. of Companies visited	% of the students offered Jobs
1	Civil Engineering	Sakti Infrastructure Pvt. Ltd. Gravity Material Testing Pvt. Ltd. L.C. Infrastructure Pvt. Ltd.	80
2	Computer Engineering	Bitscape Acty System Pvt. Ltd. Script All DNA Yydiz Solutions Ltd. HKRP Technologies Ltd. Sarjan System Pvt. Ltd. ODOO India Pvt. Ltd. TCS	100
3	Electrical Engineering	Eternity Technologies PCB Planet	40
4	Mechanical Engineering	Sachin Industries Ltd. Symmetric CAD Solutions Pvt. Ltd. Prime UAV Pvt. Ltd. Eternity Power Solutions Pvt. Ltd.	90

Student's Achievements:

Sr. No.	Name of Student	Branch & Semester	Student's achievement
1	Shreya Patel Dhruvi Patel	BE SEM 6 Computer	Selected for the International Exchange Program of GTU.
2	Drashti Patel Jeet Patel Shreya Gajjar Vidhi Patel	BE SEM 5 & 7 Computer	Participated in Folk Dance Training Camp-2023 organized by GTU at Shree Somnath Sanskrit University, Veraval
3	Aseem Pandya Mohsin Khureshi	BE SEM 4 Mechanical	Participated in Personality Development Training Camp -2023 organized by GTU at Shree Somnath Sanskrit University, Veraval
4	Harshil Patel Tirth Patel Japan Mehta	BE SEM 7 Computer	Participated in Drama Training Camp -2023 organized by GTU at Shree Somnath Sanskrit University, Veraval
5	Bhoomi Patel	BE SEM 8 Computer	Participated in Cricket AIU (National) – KIIT Bhubaneswar, Odisha
6	Roshan Bhagat Rajat Maurya Harshil Patel Dhvanit Patel Kavya Shah Tisha Prajapati	BE SEM-5 Computer	Participated in Mallakhamb AIU (National)-Raja Mahendra Pratap Singh State University, Aligarh, UP
7	Dhavanit Patel	BE SEM-4 Computer	Participated in Taekwondo AIU (National) – Guru Nanak Dev University, Punjab.
8	Patadiya Jesic Meet Bhavsar	BE SEM-8 Civil	Awarded 2nd Prize for "Best Village Documentary Film" for Palodar Village under Vishwakarma Yojana Project- Phase IX on 23-01-2023.
9	Patel Unnati and Prajapati Saloni	BE SEM 5 Computer	Got selected to attend the National Legislators' Conference Bharat (India) that was held from 15th June to 17th June at the Jio World Convention Centre, Mumbai.
10	Yogesh Tomar and Princy Maheshwari	BE SEM 5 Computer	They reached the zonal finals of NICE (National inter-final crossword expedition) at NITIE, Mumbai on 21st June, 2023.
11	Bansari Sathwara	BE-SEM 5 Computer	2nd rank in inter zonal chess tournament. Got selected in AIU Nationals for chess tournament.

Consultancy Work:

Sr. No.	Name of Faculty Department	Details of Work	Amount (Rs.)
1	Civil Engg Department	Consultancy assignment from L&T Co., to conduct a Six-days Training Programme for their Front line Supervisors and Junior Engineers, on the topic of "Highway Engineering, Bridge Construction, and RE walls", at their Construction Skills Training Institute (CSTI), Changodar, Ahmedabad, during July 1-7, 2023 and October 3-8, 2023.	1,92,000/-
2	Civil Engg Department	Structural Proof Checking of Hostel Building GTU Lekawada Gandhinagar for JAG Designers Pvt. Ltd.	NA
3	Civil Engg Department	Structural Proof Checking of structural drawings for station building and retaining wall for MIRAL Infrastructure Ahmedabad.	17,700/-
4	Civil Engg Department	Structural Proof Checking of Structural Drawings for Proposed Staff Quarter & Waiting area at KANALUSH Railway for Krishna Construction Pvt Ltd.	21,240/-
5	Civil Engg Department	Proof Checking report for Proposed TP-2 F.P.-16, Shopping Centre Mehsana for Sarjan Infratech Pvt. Ltd.	19,470/-

Societal Contribution:

Sr. No.	Name of Coordinator	Nature of Work
1	Dr. Chirag Vibhakar Dr. Vivek Patel Dr. Lav Kaushik	Social Awareness Program: Action for Climate Correction for different Institutes
2	Dr. Chirag Vibhakar Dr. Narahariprasad Sadhu	Tree Plantation Program - 2023
3	Dr. Chirag Vibhakar Dr. Jignesh Patel Dr. Narahariprasad Sadhu	Plastic Free Campus Drive - 2023
4	Prof. Sadanand Sahu Prof. Rasik Makawana	Social Awareness Program: "Healing Our Environment" and Exhibition on "Save Water"
5	Dr. Vivek Patel Dr. Narhari Sadhu	Celebration of World's Kidney day on 9th March 2023

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

CENTRE FOR CONTINUING EDUCATION (CCE)

The Centre for Continuing Education (CCE) was established at the university with the objective to provide a platform to run the short-term certificate courses as per the specific 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 /organization /industry can propose technical/non-technical short-term course under this centre. The advisory committee along with subject expert, scrutinize the course proposal (i.e., course content, resource persons, laboratory facilities for practical course, employment opportunities 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 were successfully completed during December-2022 to October-2023.

Sr. No.	Proposing Institute /College/Organization	Certificate Course	Duration	Course Completion Date	No. of Beneficiaries
1	Shankersinh Vaghela Bapu Institute of Technology	Advance Building Information Modelling (BIM) using Autodesk Revit (Batch 1)	50 Hours	9th December, 2022	25
2	Anand Pharmacy College	Pharmacovigilance (Batch 1)	45 hours	11th December, 2022	61
3	ROFEL Shri G. M. Bilakhia College of Pharmacy	Pharmaceutical Quality Management System (Batch 2)	36 hours	5th February, 2023	44
4	Laxmi Institute of Technology, Sarigam	Solar PV Panel Installation (Batch 1)	30 hours	10th February, 2023	33
5	VPMP Polytechnic, Gandhinagar	Advanced Course in Refrigeration and Air conditioning (Batch 1)	120 hours	11th March, 2023	17
6	Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh	Practical Hands-on High-Performance Liquid Chromatography (Batch 4)	60 hours	17th March, 2023	16
7	Toyota Tsusho NTTF Training Centre	Manufacturing Technology (Batch 1)	7200 hours	24th March, 2023	27
8	Toyota Tsusho NTTF Training Centre	Manufacturing Technology (Batch 2)	7200 hours	24th March, 2023	13
9	GIDC Rajju Shroff Institute of Management Studies	Data Analysis with Advance Excel (Batch 1)	36 hours	2nd June, 2023	36
10	ROFEL Shri G. M. Bilakhia College of Pharmacy	Clinical Research and Pharmacovigilance (Batch 1)	36 hours	4th June, 2023	50
11	Anand Pharmacy College	Biostatistics in Pharmaceutical Science (Batch 1)	45 hours	13th June, 2023	57
12	Hemang Doshi Academy & SMC Services (Jointly)	Associate Information Systems Auditor (Batch 1)	40 hours	22nd July, 2023	25

13	SCALETECH-STXYZ Solutions Pvt. Ltd.	Web Backend Programming with JavaScript & Cloud Deployment with AWS (Batch 1)	590 hours	25th August, 2023	6
14	Hemang Doshi Academy & SMC Services (Jointly)	Associate Information Systems Auditor (Batch 2)	40 hours	31st August, 2023	21
15	ROFEL Shri G. M. Bilakhia College of Pharmacy	Pharmaceutical Quality Management System (Batch 3)	36 hours	23rd September, 2023	36
16	C. K. Pithawalla Institute of Pharmaceutical Science and Research	Pharmaceutical Dossier Preparation and Filing (Batch 1)	60 hours	8th October, 2023	72
17	VPMP Polytechnic, Gandhinagar	Advanced Course in Refrigeration and Air conditioning (Batch 2)	120 hours	13th October, 2023	24

Table 1: Summary of courses completed between December-2022 to October-2023

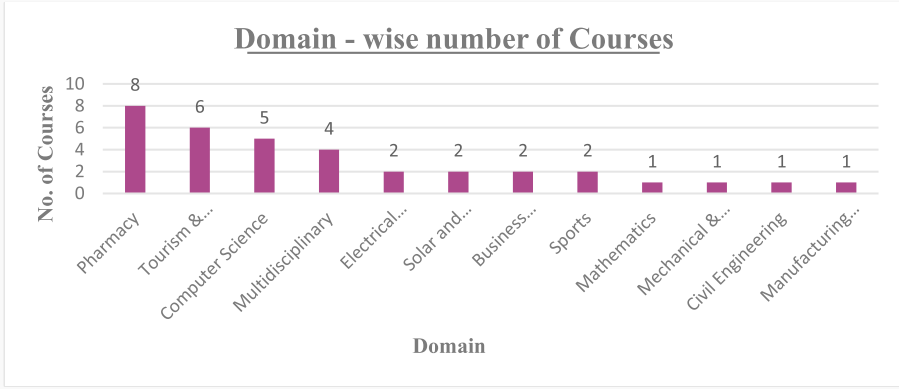


Figure 1: Domain-wise number of courses completed till October-2023

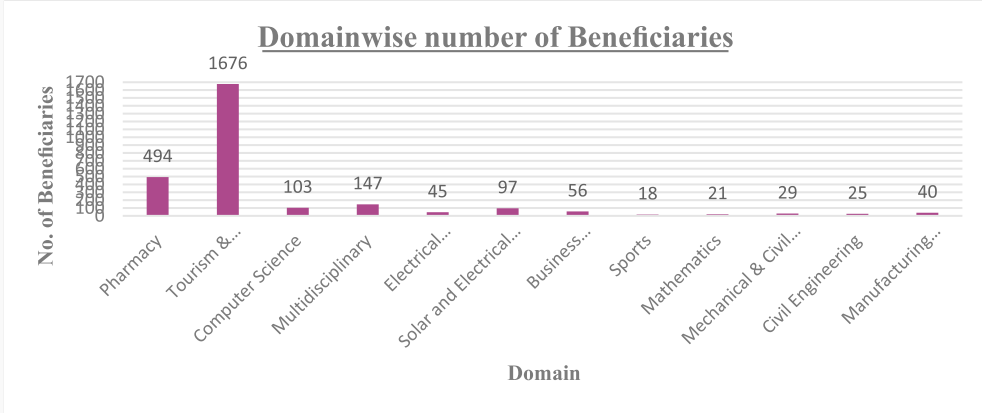


Figure 2: Domain-wise number of beneficiaries through completed courses till October-2023

Submitted by-
Mr. Mahesh Panchal
Assistant Professor, GSET, GTU

SCHOOL OF IKS (INDIAN KNOWLEDGE SYSTEM) & DHAROHAR – CENTER FOR IKS

School of IKS has been established in 2022 by introducing **Master of Arts in Hindu Studies,** a two year Post-Graduation Programme in accordance with NEP-2020. 35 students have registered from various parts of the country to study various subjects of IKS under this master's course in blended mode. Erudite faculties from other universities conducted regular sessions. Majority of students enrolled under the course are working officials in various sectors.

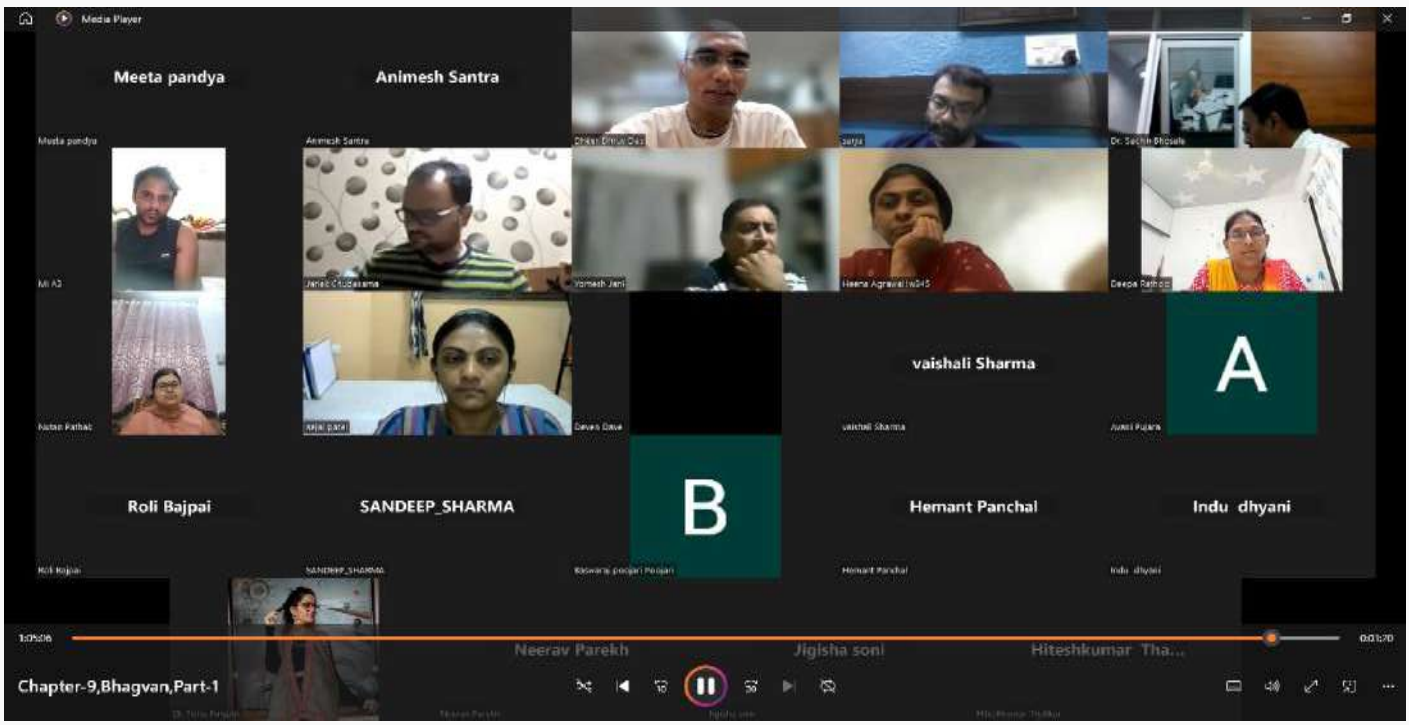
- Dharohar Center was recognized as a **"Bhasha Kendra" by IKS Division, Delhi** and sanctioned a grant of Rs.9,45000/-
- Dharohar Center also received a grant of Rs.1, 50000/-from State Govt. for translation and creating E-Content in Gujarati on IKS Topics.

The School of IKS, Dharohar Center was established in 2021 to implement NEP-2020.

(1) Practical Approach of Shrimad Bhagwad Geeta in Life (2) Telegnosis and (3) Mind Management for Wellness and Productivity (Workshop).

Total 40 Students completed these courses in the batch 3

In Batch-4 from June to August 2023. **Six various** 3 Month Courses (4 Credits) were conducted. The **Gita, Astrology, Vastushastra, Palmistry and Numerology, Science in Vedas and Introduction to Vedas and Upanishads.** Total 81 students completed these courses successfully.



School of IKS and Dharohar Center organised Educational visit of Heritage sites

On 15th May 2023, 130 students of SAST and GSP visited Modhera Sun Temple and Ranki Vav (stepwell) of Patan and attained knowledge of history Heritage sites situated in North Gujarat. A Quiz was also arranged about the sites and winners were awarded prizes.

Dharohar centre arranges **"Bharat-Tirth" lecture Series** for awareness on IKS topics by experts.

Sr. No.	Expert	Designation	Topic	Date
1	Dr. Kamlesh Upadhyay	Prof. & Head, Medicine Dept. Civil Hospital, Ahmedabad	Contribution of Youth in Nation Building	12th January, 2023
2	Dr. Ami Ganatra	well known writer, blogger and orator	Ramayana as our Heritage and History	29th March, 2023
3	Mr.Tanmay Vyas	ISRO-recognized space tutor	Wonder of the Universe	8th May, 2023
4	Dr. Bhavdeep Ganatra	Doctor at SGVP Holistic Hospital	Secrets of Ayurveda in Modern Times	5th June, 2023

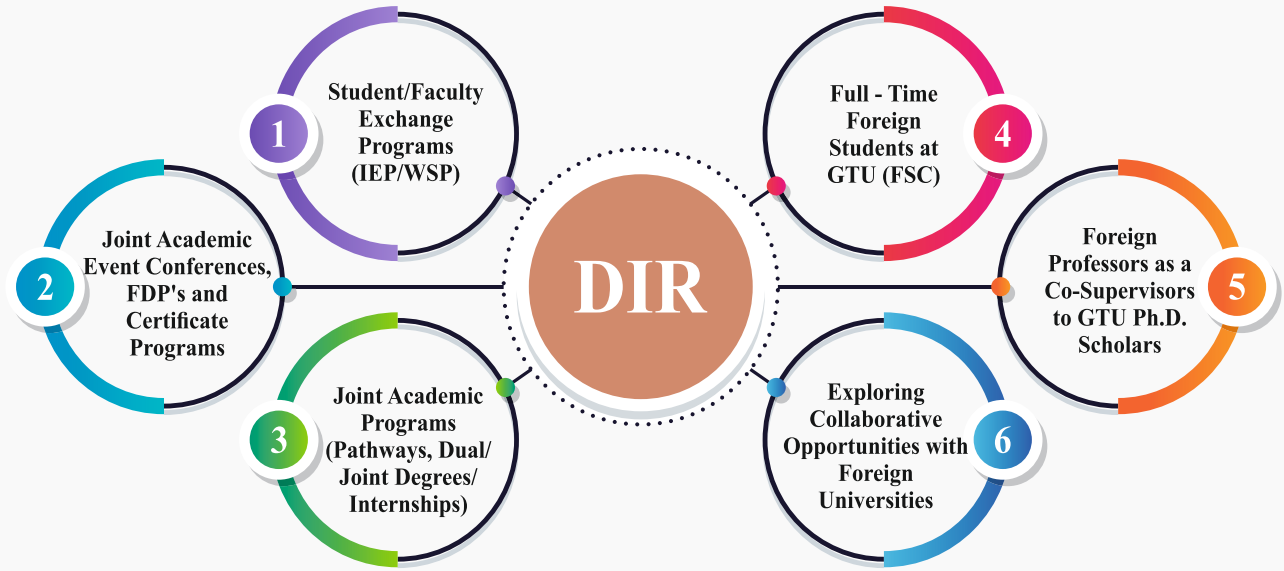
Submitted by –
Dr. Shruti Anerao
Head – Dharohar –CIKS, GTU

SECTION - IV

INTERNATIONAL ACTIVITIES

DEPARTMENT OF INTERNATIONAL RELATIONS

Department of International Relations (DIR), GTU is committed to managing, expanding, and enhancing international collaborations and activities of the university.
Its key domains are as below:



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 2400 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 2023 with the following Foreign Universities -

1. Laurentian University – Canada
2. Wismar University – Germany
3. Varna University of Management – Bulgaria

• IEP 2023 AT A GLANCE:

1. IEP Laurentian University, Sudbury, Canada – 2023

Branch	CE/CSE/IT/ICT & Pharmacy
Duration	July 2023 to August 2023
No. of Students	65
Name of Mentor	Dr. Shailesh Panchal, Director, GSET

2. IEP Wismar University, Germany – 2023

Branch	Mechanical
Duration	July 2023 to August 2023
No. of Students	11
Name of Mentor	Dr. Utsav Gadhia, AP, GPERI - GTU

3. IEP Varna University of Management, Bulgaria – 2023

Branch	MBA
Duration	August 2023 to September 2023
No. of Students	11
Name of Mentor	Dr. Krishna Vaghela, AP, GSMS -GTU

• FOREIGN STUDENTS' CELL

Foreign Students' Cell 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 2023, GTU has admitted 1152 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. 2023 – 24):

In the current academic year, GTU has received around 2500 applications through ICCR for admission into various courses offered by GTU. Out of these applications, 112 foreign students from 27 countries have been given admission in A.Y. 2023-24 at various affiliated institutes at GTU & GTU PG schools.

Country-wise Student Bifurcation for A.Y. 2023-24

Country	No. of Students	Country	No. of Students	Country	No. of Students
Angola	3	Lesotho	2	Somalia	1
Bangladesh	19	Madagascar	4	S. Sudan	12
Botswana	3	Mauritius	1	Sri Lanka	4
Eswatini	1	Mongolia	1	Syria	1
Fiji	1	Morocco	1	Tajikistan	1
Gambia	2	Mozambique	20	Tanzania	5
Ghana	1	Nepal	12	Uganda	1
Ivory Cost	1	Nigeria	3	Yemen	2
Kenya	5	Palestine	1	Zambia	4

Visit of Prof. (Dr.) Rajul Gajjar, Hon'ble Vice Chancellor to Singapore and Australia as a part of Vibrant Gujarat 2024 Delegation during 25th October to 5th November 2023

Hon'ble Vice Chancellor GTU was invited to join the Vibrant Gujarat 2024 delegation to Singapore and Australia by the Additional Chief Secretary, Labour, Skill Development and Employment Dept. Govt. of Gujarat. The delegation visited Singapore and Australia during the mentioned period and promoted the various important sectors of Gujarat to the leaders of government and industry sectors of these two countries.

GTU led the Higher Education Sector and organized Round Tables at various cities wherein, the Vice Chancellors & Senior administrators of various universities from Singapore and Australia participated. Dr. Rajul Gajjar, Hon'ble Vice Chancellor presented the higher education of Gujarat and the available opportunities for foreign institutions to collaborate with Universities of Gujarat. This visit has opened a new window for the university to expand its international outreach to the reputed universities of Australia.

INTERACTION WITH FOREIGN UNIVERSITIES / DELEGATIONS

Meeting with Delegate from ECAM LaSalle School of Engineering, Lyon, France

Date: 14th February 2023
Name of Delegate: Ms. Gessica Paparozzi,
Representative from GTU: Dr. Keyur Darji, Director, DIR GTU

Purpose:
For discussion of academic collaborations such as Joint Research Projects, Exchange Programs and dual degree between GTU and ECAM School of Engineering

Visit of Delegates from South Dakota State University, USA

Date: 17th April 2023
Name of Delegate:
- Prof. Sanjeev Kumar, Dean of the Jerome J. Lohr College of Engineering, SDSU, USA
- Dr. Jon Stauff, Assistant Vice President of International Affairs, SDSU, USA

Representatives from GTU:
- Dr. Pankajray Patel Hon'ble Vice-Chancellor (I/C) GTU
- Dr. K. N. Kher, Registrar GTU
- Dr. Keyur Darji, Director, DIR GTU

Purpose:
For discussion of academic collaborations such as Joint Research Projects, Exchange Programs and dual degree between GTU and SDSU, USA

Meeting with Delegation from Engineering Institute of Technology Australia

Date: 27th April 2023
Name of Delegate:
- Prof. Rolf Baum, Campus Manager, EIT
- Prof. Akhtar Kalam, Chair of the Academic Board, EIT

Representatives from GTU:
- Dr. Pankajray Patel Hon'ble Vice-Chancellor (I/C) GTU
- Dr. K. N. Kher, Registrar GTU
- Dr. Keyur Darji, Director, DIR GTU

Purpose:
For discussion of academic collaborations such as Joint Research Projects, Exchange Programs etc.

Meeting with Delegation from University of Technology, Sydney

Date: 23th May 2023

Name of Delegate:

- Prof. (Dr.) Nabin Sharma, Associate Professor, UTS
- Mr. Sebastian Kuntze, Manager International UTS

Representatives from GTU:

- Dr. Pankajray Patel Hon'ble Vice-Chancellor (I/C) GTU
- Dr. K. N. Kher, Registrar GTU
- Dr. Keyur Darji, Director, DIR GTU

Purpose:

For discussion of academic collaboration to initiate various courses for the students and faculties

Meeting with Delegation from Limkokwing University, Malaysia

Date: 5th August 2023

Name of Delegate:

- Dato' Tiffanee Marie Lim (Chief Branding Officer, LUCT) Malaysia
- Mr Peter Ling (Acting Chief Executive Officer, LUCT) Malaysia
- Mr. Shivam, Manager, iACE Gandhinagar

A representative from GTU:

- Dr. K. N. Kher, Registrar, GTU
- Dr. Pankajray Patel, Director (GSMS), GTU
- Dr. Keyur Darji, Director, GTU
- Dr. Tushar Panchal CEO (GISC), GTU
- Mr. Ravish Shah, Member DIR Committee, GTU
- Dr. Ramanjyot Shrivastava, Principal Sal College of Engineering

Purpose:

For discussion on academic collaboration, startup collaboration and summer program

Meeting with representatives for USA & Australian universities

Date: 6th October 2023

Name of Delegate:

- Heads of India offices & Representatives of various Australian and American universities

A representative from GTU:

- Prof. (Dr.) Rajul K. Gajjar, Vice Chancellor - GTU
- Dr. K. N. Kher, Registrar, GTU
- Dr. Keyur Darji, Director, GTU

Purpose:

For collaboration with the universities represented by the delegation

Submitted by –
Dr. Keyur Darji, Director, GTU

SECTION - V

INNOVATION AND SKILL DEVELOPMENT

GTU INNOVATION AND START-UP CENTRE (GISC)

GTU Innovation and Start-up Centre (GISC) has been designed to establish a close connection between industries, entrepreneurs, faculty members and students to undertake research and development pertinent to the needs of industries at national and international levels. This Council and Centre helps to create a culture of innovation and aids in new product augmentation. GTU Innovation Council has taken strategic steps to establish a close and continued interaction with the students spanning across various domains through its various activities and developing an entrepreneurial mind-set.

GTU Innovation Council is cultivating a multi-layered innovation ecosystem, pioneering more than 12 initiatives spanning across 8 sectors. A Technology Business Incubator (TBI) is established by the Department of Science & Technology, Government of India. This TBI is dedicated to cater to the niche segment of IoT / technology based start-ups. GISC is also an approved nodal institute to offer a Startup India seed Fund scheme to innovators / entrepreneurs.

Different Policies for Funding Support to Startups

Sr. No.	Grant Executed by GISC	Support/Assistance Available	Total Beneficiary details
1	SSIP 2.0	75 Lakhs	69 Startups
2	Scheme for Assistance for Startups/Innovators – IC Policy 2020	773.29 Lakhs	46 Startups
3	Scheme for assistance for Incubator	Up to 5 Lakhs	2 Lakhs
4	Mentoring Assistance	14 Lakhs	14 Startups
5	Technology Business Incubator by DST, GoI	278 Lakhs	Incubation facilities
6	AICTE MIC Grant	17 Lakhs	5 Startups
7	SISFS – Startup India Seed Fund Scheme	126 Lakhs	24 Startups

GISC Support to Start-up (January 2023 to October 2023)

Mentoring Support		
Sr. No.	**Particular**	**Beneficiaries**
1	Mentoring Sessions	390 Startups
2	Showcase Opportunity	278 Startups
3	Woman lead Startup	110 Startups
4	Employment Generated by Startups till date	5000+
5	Revenue Generated till date	More than INR 36 Cr.

Financial Support		
Sr. No.	**Particular**	**Beneficiaries**
1	Grant Support	170 Lakhs
2	Revenue/Turnover generated by Startups	780 Lakhs

GISC Glimpses

GIC 13th Foundation Day

Best Startup Facilitation Award

Toyota Tsusho Team Visit

Best Startup Idea Award

Startup Fest Gujarat 2023

Intellectual Property Felicitation Centre (IPFC)

Intellectual Property Right (IPR) and in particular Patent plays a key role in the current knowledge based economy of any country. GTU – IPFC has launched different courses in IPR and has established a WIPO-TISC centre at the university in agreement with CIPAM to stimulate a dynamic, vibrant and balanced intellectual property right system in the state/nation. GTU is the seventh CIPAM-DPIIT approved centre. GTU is the first university in the state to set-up a Technology and Innovation Support Centre (TISC).

More than 3500 students had participated in the IPR workshops, held at various GISC across the state. 417 projects from different technical fields were screened by the university's IP Screening Committee out of which 169 projects got selected and were found eligible for financial assistance under university's IPR guidelines.

GTU-Intellectual Property Facilitation Centre (GTU-IPFC) provides free access to a paid Patent Database, which was accessed by 1752 beneficiaries to study patent literature in their respective technical fields for focused research in the particular domain.

At present 7th batch of PGDIPR course is in progress. 15 students have qualified the Patent Agent Exam of India from the previous enrolled batches and are currently serving in reputed organizations.

IPR Support at a Glance

Sr. No.	Support	Application Filled	Patent Granted/Approved
1	Patent	127	15
2	Trademark	19	19
3	Design Patent	20	15
4	PGDIPR Batch	7	6

Key Initiatives of IPFC:

1. **IPFC offers PGDIPR programme:** PGDIPR is an off campus program with 120 hours of contact classes. In this programme we teach Chinese Patent System, ARIPO Patent System and Case study based learning along with Indian Patent Agent Exam Module.
2. **WIPO - Technology Innovation Support Center (WIPO – TISC): -** GTU has established a Technology and Innovation Support Centre (TISC) for IPR Promotion and Management in collaboration with CIPAM, under Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry (MCI), Govt. of India and World Intellectual Property Organization (WIPO). This Technology and Innovation Support Centre (TlSC) program provides innovators access to locally based, high quality technology information and related services, helping them to exploit their innovative potential and to create, protect, and manage their intellectual property (IP) rights.
3. **IP Chair:** The Ministry of Commerce and Industry has given its official approval to establish an IP Chair at the university. GTU is among the selected institutions chosen for the IPR Chair under the SPRIHA scheme, launched by the Department for Promotion of Industries and Internal Trade (DPIIT). The primary aim of the IPR Chair is to empower founders to develop their own IP management strategy to mitigate risk, create and capture value, and lay the groundwork for sustainable growth to align with the objectives of the nation's IPR policy.

Celebration of World IP Day

Celebration of World IP Day

Fascinated PGDIPR Students

Community Innovation & Co-Creation Centre (CiC3)

Community Innovation and Co-Creation Centre (CiC3) was established to promote the spirit of co-innovation. This centre creates physical and virtual arrangements to enable student innovators to convert their ideas into demonstrable and functional prototypes. Manufacturing, Electronics, ICT are major domains of this Centre. The key facilities and work domains of CiC3 are mentioned below:

1. **Fabrication Laboratory (FABLAB) -** FABLAB is a combination of enabling community and physical space where professionals, students, researchers and innovators get access and also learn to use professional tools. They also meet and collaborate with other individuals in their community.

2. **Rashtriya Avishkar Abhiyan (RAA) -** RAA promotes the spirit of inquiry and creativity. RAA encourages promotion of science and mathematics through effective use of technology and encourages those who show an inclination for these subjects to achieve academic excellence.

3. **IT Infrastructure Abhiyan (ITIA) -** GIC through ITIA has made efforts to build various infrastructures for MSMEs by using technology developed by students to improve their productivity and efficiency.

4. **Co-Creation with ATAL Tinkering Labs-** Atal Innovation Mission under NITI Aayog has set-up ATAL Labs at schools to promote creativity and hands-on learning among students during their early days. AIC-GISC is an approved nodal center to execute the Startup India seed fund scheme and Startup Gujarat seed fund scheme of Govt. of Gujarat to support the Start-ups/Innovation. This year AIC has organized 20+ events to support innovators in the form of training sessions, workshops, acceleration programs, awareness programs & sensitization events. AIC has supported 15 in-house startups having female founders or co-founder. 40+ ideas were incubated with AIC-GISC till date and a start-up has also received an MSME hackathon grant of 15 Lakhs. A MoU has also been signed with the Young Indians Ahmedabad chapter.

5. **ROBOCON** – GTU ROBOCON team comprised of 40 Students, d from various GTU affiliated colleges participated in the Robotics organized every year by Asia Pacific Broadcasting Union for the Asia region and secured 6th rank. This team also won the Sintel Metal ation (SMC) Award for 'Best Technical Skill' on 27th Aug 2023. The on Team became National Champion in National DD ROBOCON on 18th June 2023 and received the National Champion Ship Trophy Balakrishna Memorial Award.

Champion of DD Robocon 2023

6. **'Mitsubishi Electric Cup' and 'GT Motorsports' are** other focus areas on which GTU team works.

Design Innovation Centre (DIC)

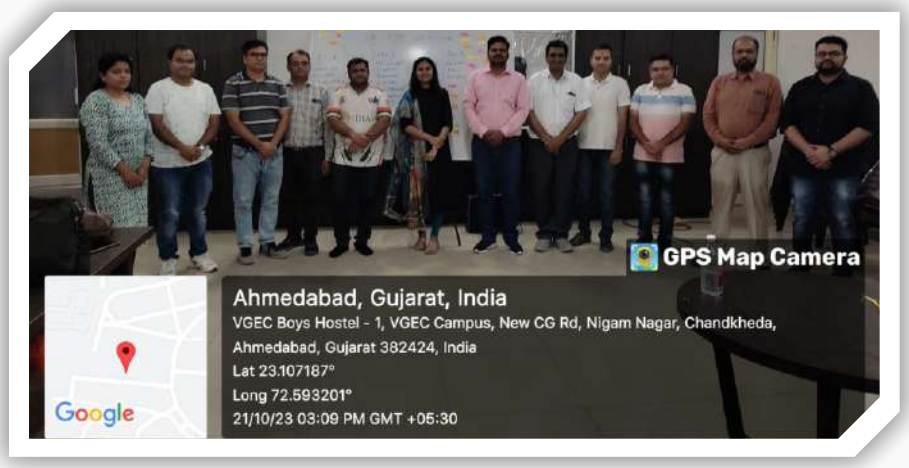
GTU has received a grant of Rs. 10 crore from the Ministry of Education (MoE), New Delhi to establish its own Design Innovation Centre (DIC). The primary objectives of DIC are:

1. **Support for Student Projects:** DIC supports innovative projects developed by students. It provides resources, mentorship, and guidance to help students bring their creative ideas into existence through Skill Enhancement, Prototype Support, organizes awareness programs on intellectual property rights and assists innovators in protecting their intellectual assets.

2. **Cultivating a Culture of Design, Innovation, and Entrepreneurship:** DIC aims to foster a culture of design thinking, innovation, and entrepreneurship among young minds in the state. It serves as a hub for promoting these skills and mindsets.

The Design Innovation Centre operates as a HUB at the university premises, with three SPOKE locations at AVPTI College, Rajkot, Dr. S & S. S. Gandhi College of Engineering & Technology, Surat and Government Engineering College, Modasa.

Events organized by DIC	Hub (GTU) + Spoke 1 (Rajkot) + Spoke 2 (Surat) + Spoke 3 (Modasa)
No of Workshops/Events/FDPs	74
No of Boot Camp for school Students	11
No. of Startup Supported	95
PGDIPR BatchTotal No of Outreach	85.476
Exhibition	17
Publication	01
Patent	30
Workshops	78
Certificate Courses	11
Collaborative Research	03



Faculty Development Program

ATAL Incubation Centre (AIC)

Sr. No.	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type Govt. / Non-Govt.	Department	Year of Award [DD/MM/ YYYY]	Funds provided (INR in lakhs)
1	**Atal Innovation Mission**	Director, AIC - GISC	Atal Innovation Mission	Govt.	GTU-GSP	22/03/2023	238
2	**Startup India seed Fund Scheme**	Director, AIC - GISC	Startup India seed Fund Scheme	Govt.	GTU-GSP	27/05/2022	84
3	**MSME**	D3S Healthcare	MSME	Govt.	NA	2023	15
4	**Nodal Institute (GOG)**	Technology LLP Decipher DNA Pvt. Ltd	Nodal Institute (GOG)	Govt.	NA	2023	25

Events organized by ATAL Incubation Centre (AIC)

Startup Founder's meet

National Startup Day Celebration

Startup Founder's Meet

Submitted by -
Dr. Tushar Panchal, Group CEO - GISC, GTU
Mr. Mahendra Chaudhary, CEO – AIC, GTU

SKILL DEVELOPMENT CENTRES

1. GTU – BOSCH Centre of Excellence in Automation

Gujarat Technological University has initiated to build Centre of Excellence (CoE) in I-4.0 frontiers of today's technologies in association with Bosch-Rexroth India Limited (BRIN) with an objective of developing industry-institute partnership in the field of Automation, Mobile Hydraulic, Automobile, and Mobile Electronics Technologies.

This Centre of Excellence is established at GTU- Graduate School of Engineering and Technology. This centre educates students in Automation Technologies with focus on training, knowledge transfer, research projects, application-oriented research and innovation. The main goal of the centre is to improve the technical competence, employability and entrepreneurship of UG & PG students who are trained at the centre and encouraged to pursue further studies.

The technical labs structured under CoE BOSCH Centre of Excellence in Automation are - Hydraulic Lab, Pneumatic Lab, Programmable logic controller and Sensor Lab.

GTU – BOSCH Center of Excellence in Automation
Training Programmes During the Year: 2023

Sr. No.	Program Name	Start Date	End Date	Number of beneficiaries
1	Twelve-Week Industrial Automation Internship Program	13/02/2023	10/05/2023	25
2	Two-Week Internship on " Scope of Cloud computing with Industry 4.0"	27/07/2023	10/08/2023	51
Total beneficiaries:				**76**

2. GTU – Keepsake Welding Research and Skill Development Centre

A high-tech training centre 'GTU-Keepsake Welding Research And Skill Development Centre – Centre Of Excellence Welding' in the field of welding has been set up jointly by Keepsake Engineering Consultancy Private Limited (Keepsake – Industry Partner), Centre for Entrepreneurship Development(CED), Gujarat Technological University(GTU) at L.D. College of Engineering, Ahmedabad under the Skill Development Programme of Government of Gujarat with an aim to upgrade skill of students and industry persons and make them employable.

GTU - Keepsake Welding Research and Skill Development Centre
Training Programme During the Year: 2023

Sr. No.	Program Name	Start Date	End Date	Number of beneficiaries
1	Beginners/Fresher Welding Training Course	02/01/2023	19/01/2023	36
2		23/01/2023	09/02/2023	35
3		13/02/2023	01/03/2023	36
4		10/04/2023	26/04/2023	38
5		02/05/2023	11/05/2023	22
6		15/05/2023	31/05/2023	35
7		01/06/2023	17/06/2023	31

8		31/08/2023	12/09/2023	32
Total beneficiaries:				**265**

3. GTU- Industry Centre of Excellence:

On February 28, 2020, GTU signed a MoU with the EduSkills Foundation and the Indian Society for Technical Education (ISTE) and established the "Industry Centre of Excellence" at GTU-GSET.

Under this COE, we conduct the globally accredited online courses (AWS, Microchip, Palo Alto, Blue Prism, Red Hat, Celonis, and Juniper) for students and faculty members of GTU-GSET. More than 60 students have completed training in the various certificate programs. Additionally, six educators' corporate training program certifications were successfully completed by Prof. Margam Suthar and Mr. Jeet Joshi. Students and Faculty training details are mentioned below:

Students Training Programme During the Year: 2023				
Sr. No.	**Program Name**	**Start Date**	**End Date**	**Number of beneficiaries**
1	AWS Academy: Foundation Course	03/01/2023	28/01/2023	10
2		18/01/2023	31/01/2023	12
3		17/03/2023	28/04/2023	18
4		27/03/2023	28/04/2023	26
Total beneficiaries:				**66**

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

Gujarat Technological University signed a MoU with Edunet Foundation supported by SAP, INDIA, and established an industry-sponsored GTU-Code Unnati Centre of Excellence. The MoU was signed on 20th January 2023. Under this program engineering students from Computer Science, IT, Electronics, and allied branches will be skilled in the industry relevant technologies like Artificial Intelligence, Machine Learning, Internet of Things, and ERP. Under this MoU, approximately 20 lakhs worth of equipment are sponsored by the Edunet Foundation.

Students Training Programme During the Year: 2023				
Sr. No.	**Program Name**	**Start Date**	**End Date**	**Number of beneficiaries**
1	Twelve-Week Internship on AI, ML & IoT	13/02/2023	10/05/2023	44
2	Workshop on Atomic cross-chain exchanges of shared assets	17/05/2023	19/05/2023	35
3	Workshop on Recent Trends in Blockchain Technology: Implementation Perspective	22/05/2023	23/05/2023	71
	Total beneficiaries:			**150**

Submitted by -
Dr. Margam Suthar
Assistant Professor & Section Head - Skill Development Centres, GTU

VISHWAKARMA YOJANA

The Commissionerate of Technical Education awarded GTU a significant and distinguished Vishwakarma Yojana project in A.Y. 2012–13, with a grant exceeding Rs. 10.80 crore. Vishwakarma Yojana students were having the opportunity to work for the heart of the nation i.e. villages. Till now GTU has successfully completed 10 phases of the project that comprises the work of 1827 villages (including MGNREGA project). PHASE-XI is now going on from the academic year 2023-24. The project is supervised by Honorary Director Prof. (Dr.) Jayesh Deshkar, Pro Vice Chancellor, Atmiya University, Rajkot; Prof. (Dr.) Indrajit Patel, Principal, Birla Vishvakarma Mahavidyalaya; Prof. (Dr.) Rajesh Jain, Professor, L.D. College of Engineering; Prof. Mridul Seth, Assistant Professor, VY-Supervisor, GTU; and Ms. Darshana Chauhan, Assistant Administrative Officer, GTU.

Orientation Program for PHASE-X:

The Orientation Program for PHASE-X with award ceremony for Best Project Village Development & Best Village Documentary Film for PHASE-IX was organized on January 23, 2023. Prof. (Dr.) Jayesh Deshkar welcomed all dignitaries attending the orientation programme. Chief Guest Mr. Parthiv C. Vyas, Director, Sardar Sarmada Nigam Limited (Secretary Cadre, Government of Gujarat) shared his experience on the development of the entire Statue of Unity and the final phase of the Sardar Sarovar Dam, as well as his civil related technical guidance. Prof. (Dr.) Ketan Timani, core committee member, VGEC; Prof. Rena Shukla, Associate Professor, LDEC; Prof. Dhiren Panchal, Government Polytechnic- Godhara Prof. Akash Modi, Asst. Professor, Merchant Engineering College, Mehsana; Prof. Mohd. Javed Khan, Asst. Professor, Apollo Institute of Engineering & Technology also addressed the audience. Further Prof. (Dr.) Pankajray Patel, in charge Hon'ble Vice Chancellor, GTU, announced the winner's name.

1. **Awards for Degree College Best Village Report:** Government Engineering College, Palanpur - Palwada Village, Merchant Engineering College, Basna village, C. K. Pithawala College of Engineering & Technology- Khosadia Village)

2. **Awards for Diploma College Best Village Report:** (Government Polytechnic, Godhra -Motal village, Tapi Diploma Engineering College – Vanz Village, GMB Polytechnic- Rajula Ningala.)

3. **Awards for Degree Colleges Best Village documentary film:** (Merchant Engineering College, Basna Village, Gujarat Power Engineering And Research Institute-Palodar Village, L. D. College Of Engineering - Zamrala Village)

4. **Diploma Colleges Best Village documentary film:** (Tapi Diploma Engineering college -Vanz village, Government Polytechnic, Godhra - Mordungara Village, Dr. S & S.S. Gandhi College of Engineering & Technology - Chalthan Village)

Award winning students and nodal officers also shared their project experiences.

Submitted by -
Prof. (Dr.) Jayesh Deshkar, VY-Honorary Director
Prof. Mridul Seth, Assistant Professor, GSET, GTU & Ms. Darshana Chauhan, AAO, GTU

SECTION - VI

SPORTS AND CULTURAL ACTIVITIES

SPORTS ACTIVITIES

Yoga Shibir during 15th and 16th June 2023

A "Yoga Shibir" was organized as part of International Day of Yoga at GTU on 15th and 16th June 2023. During the session, the trainer guided the participants regarding the benefits of doing yoga regularly.

Yog Samvad on 17th June 2023

Yog Samvad was organized as a part of 'International Yoga Day and Yogamaya Gujarat' at GTU on 17th June 2023. The keynote speaker, Mr. Shishpalji Rajput, Chairman of Gujarat State Yoga Board guided the participants regarding the benefits and usefulness of doing yoga regularly. Hon'ble Vice Chancellor I/C, Registrar, teaching and non-teaching staff members of GTU enthusiastically participated in this program.

Mass Surya Namaskar and World Yoga Day Protocol Training Program on 17th June 2023

'Mass Surya Namaskar and World Yoga Day Protocol Training Program' was jointly organized by Sports and NSS (National Service Scheme) team at GTU on 17th June 2023. The expert Smt. Ilakshi Ben Chauhan guided the participants regarding the benefits of regularly doing Surya Namaskar. Hon'ble Vice Chancellor (I/C), Registrar, teaching and non-teaching staff members of GTU enthusiastically participated in this program.

GTU Sports "SPIRIT" 2023-24

"SPIRIT" is a bouquet of opportunities for the youth in the field of sports to bring out the talents in them. Different sports are divided into five different zones of Gujarat. After the completion of sports in five different zones, inter-zonal is organized at GTU affiliated institutes where all the winners from different zones are selected in inter-zonal sports competition to showcase their best talent and shine their talent at National level. This year many youngsters participated in sports.

CULTURAL ACTIVITIES 2023-24

Folk Dance Training Camp from 11th April 2023 to 17th April 2023

GTU organized a seven-days Folk Dance Training Camp with the aim of empowering the youth in the wake of the G20 summit at Somnath Sanskrit University, Veraval from 11th April 2023 to 17th April 2023 in which a total 42 students from 29 colleges enthusiastically participated.

Personality Development Training Camp - 2023

GTU organized a four-day Personality Development Training Camp with the aim of empowering the youth in the wake of the G20 summit at Somnath Sanskriti University, Veraval from 7th May 2023 to 10th May 2023 in which a total 61 students from 40 colleges enthusiastically participated. Prof. (Dr.) Navin Seth, Former Vice Chancellor, GTU was also present in the camp and encouraged the students with his speech.

Drama Training Camp - 2023

GTU organized a seven-days Drama Training Camp with the aim of empowering the youth in the wake of the G-20 summit at Somnath Sanskrit University, Veraval during 11th May 2023 - 17th May 2023 in which a total 51 students from 31 colleges actively participated.

OTHER ACTIVITIES 2023

Republic Day Celebration on 26th January 2023

GTU celebrated the 74th Republic Day with great enthusiasm and patriotism at GTU Chandkheda Campus. All students, staff, faculty members and their family members participated in the 74th Republic Day celebrations and performed 'Bharat Mata Poojan'. Hon'ble Chief Guest Shri Amit Thaker addressed the audience with nationalistic spirit and urged them to take pride in being Indian and perform their duty with responsibility.

'Drug Free India' Awareness Program 2023

Drug Free India Campaign was jointly organized by Gujarat Technological University, Department of Education, Government of Gujarat and Art of Living on 15th March 2023. The distinguished guests were Gurudev Sri Sri Ravi Shankar; Shri Balvantsinh Rajput, Hon'ble Cabinet Minister; Shri Harsh Sanghvi, Hon'ble Minister of State; Prof. (Dr.) Pankajray Patel, Vice Chancellor (I/C) GTU, Dr. K. N. Kher, Registrar, GTU and approx. 40 Gujarati artists.

Independence Day Celebration on 15th August 2023

GTU celebrated 77th Independence Day with great enthusiasm. On this occasion Shri Rajubhai Shah, BOG-Member, GTU joined for flag hoisting. All students, staff members, faculty members and their family members participated in the Independence Day celebration.

Plastic Free Campus Drive - 2023

GTU Sports Section organized a Plastic Free Campus drive on 3rd October 2023 under cleanliness campaign. More than 450 staff members, faculties and students enthusiastically participated and collected more than 190 kg plastic from GTU Chandkheda Campus and various Zones of GTU. All of them took a Pledge for "Not to Use Plastic".

Justice Cup (Cricket Tournament) - 2023

A team of GTU Shining Star (GTU Employee Team) participated in the Justice Cup Cricket Tournament – 2023 for the second consecutive time at GNLU, Gandhinagar. In this tournament, GTU Shining Star cricket team brightened the name of GTU and won the runner-up title and also won a prize money of Rs.20000. 14 different universities participated in this tournament. The GTU Shining Star team won 7 out of 9 matches. The tournament was played from May-2023 to September-2023 at GNLU, Gandhinagar.

Thanganat Garba Utsav- 2023

GTU organized a Navratri celebration on 18th October. The staff members, students and their family members participated in this celebration. GTU also awarded attractive prizes for various categories like Best Performer (Male/Female), Well Dressed (Male/Female), Kids category and GTU PG students.

Start-up Fest 2023 - 2023

Sneh Shilp Foundation and GTU organised Start-up Fest 2023 on 2nd September & 3rd September 2023. It was a mesmerized experience of all startups for learning sessions and investment. The entire program was meticulously orchestrated with the backing of DST-GIL, composed to make a resounding impact both nationally and globally.

NATIONAL SERVICE SCHEME (NSS) ACTIVITIES

National Service Scheme (NSS) is one of the biggest youth organizations of the nation. It is connecting the education campus with the community through social service. Total NSS volunteer strength of GTU is 11000. The University Advisory Committee has been formed for the smooth function of the NSS activities. Following activities have been carried out by various institutes.

- Total No. of **9885** Saplings Planted under Tree Plantation
- Total No. of **1305** Units of Blood Collected under Blood Donation
- Total No. of **85** Blood Donation Camps Organized
- Total No. of **325** Awareness Programs Organized
- Total Hours of **2135** Sharmdan Done by NSS Volunteers
- Total No. of **68** special camps organised by GTU NSS unit
- Total No. of **18** NSS Units celebrated Constitution Day

NSS-GTU Armed Forces Fund Collection Award

Every year, Sainik Welfare Fund is collected by NSS-GTU for the welfare of soldier's families. Hence, NSS-GTU was appreciated by District Sainik Welfare & Resettlement Office for excellent contribution towards Armed Forces Flag Fund collection: 2021-2022 on 2nd March, 2023 at Collector Office, Ahmedabad. NSS- GTU received a trophy for fund collection of Rs. 4,17,014/- by securing 4th rank at District level during 2021-2022.

NSS Pre-Selection and State Day Celebration 2023

The GTU-NSS cell organized the Pre-Selection on 18th September 2023 to participate in the celebration of the NSS State Day at Sardar Vallabhbhai Patel University, Anand during 22nd - 24th September 2023. 130 NSS volunteers took part in various competitions. A total of 16 judges (expert Faculty) judged the various events. Out of a total of 130, finally 32 NSS volunteers were selected for the NSS state day Participation. In the Elocution competition, Ms. Heta Pandya, R.C. Technical Institute, Ahmedabad got 2nd rank and won the trophy.

State NSS awards for NSS-GTU Program officer (2021-22)

Prof. Bharat Vadhiya (NSS-PO, SPEC) received State NSS award of 'Best Program Officer' by Honourable Education Minister on 19th April 2023 at Gandhinagar.

National Integration Camp (NIC) -2023 "Adivashi Asmita Parva

This year NIC was arranged at Shri Govind Guru University, Gujarat from 2nd November 2023 to 8th November 2023 which was sponsored by Government of Gujarat, Gujarat State - NSS cell, Higher Education Department, Gandhinagar. The students from different states like Rajasthan, Karnataka, Gujarat, Odisha, Maharashtra, Chhattisgarh, West Bengal, Telangana, were invited to attend this integration camp. Team GTU won 1st Prize in Video Making Competition.

Joy of Giving (Clothes Donation Drive)

A Joy of Giving: "Clothes Collection & Donation Drive" was organized by GTU-NSS Cell in the underprivileged areas of "Ashok Vatika & Motera" (Ahmedabad) as a part of Diwali festival on 10th November 2023.

Blood Donation Camp

A blood donation camp was organized by GTU in collaboration with Pratham Blood Centre and Divya Bhaskar on 30th November 2023 at Chandkheda Campus. A large number of students and staffs participated and donated blood to make this blood donation camp successful. This Blood donation camp was organized by the Department of Sports, Culture and NSS Cell of GTU.

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

SECTION - VII

VARIOUS CELLS & COMMITTEES

INTEGRATED TRAINING AND PLACEMENT CELL (ITAP)

Gujarat technological University has established "Integrated Training & Placement Cell" (ITAP) with key objectives as follows:

- **Strategic Collaboration with Industries:** Establishing and maintaining strong relationships with industries and organizations to develop various models of Academia-Industry Collaboration to ensure maximum participation of industry in university eco-system at all possible levels.
- **Facilitating Career Guidance:** Helping students identify their career interests, strengths, and areas for improvement through counseling and assessment.
- **Organizing Training Programs:** Arranging various skill development workshops, seminars, and training sessions to enhance students' technical, communication, and soft skills, making them more employable.
- **Coordinating Internship Programs:** Facilitating internship opportunities for students to gain practical experience in their chosen field and understand industry practices.
- **Arranging Campus Recruitment:** Inviting companies to the campus for recruitment drives and coordinating the entire recruitment process, including pre-placement talks, tests, interviews, and follow-up procedures.
- **Keeping Abreast of Industry Trends:** Staying updated with the latest trends in the job market and industry requirements to better prepare students for the dynamic professional world.

CCCA (Center for Counselling and Advancements)

Centre for Career Counselling and Advancements (CCCA) works with an aim to provide counselling as well as mentorship to the students for various competitive exams, especially focusing on the recruitment exams of Govt. of Gujarat for various departments.

CCCA arranges the preparatory classes for the candidates who are planning to appear in such examinations as interview guidance batches, preliminary exam sessions, main exam sessions and mock interview rounds.

Glimpses of the activities carried out by GTU through CCCA

Program: Interview Preparation batch for main exam of general administration, under GPSC.
Dates: 3rd July to 7th July 2023
Chief Guest: Shri. Banchha Nidhi Pani, IAS. Director- Dept. of Technical Education (DTE), Education Dept. Govt. of Gujarat
No. of Participants: 50
The main objective of organizing this session was to guide aspirants for interview preparation for Gujarat Public Service Commission (GPSC) for General domain.
During the training program experts from GTU and from the respective domains had provided guidance on various aspects like State Profile, Current Affairs, GPSC expectations from students, Communication Skills Situational based questions, Students Group activity Roles & responsibilities of officers to GPSC aspirants.
Following the Expert Guidance Sessions, mock Interviews by 3 Panels of Experts were organized on 15th July to test the acumen of the participants. The program was successfully coordinated by Prof. Mridul Sheth, Asst. Professor, Civil Engineering, GSET GTU in cooperation with the administrative assistant of ITAP.

Recruitment Drives:

Recruitment from January 2023 to November 2023	Count
No. of Companies	97
Approx. No. of Vacancies floated	600

Internship Drives:

Name of Company	Name of Internship	No. of Students registered	No. of students selected for Internship
CSRBOX	GTU Sem-8 Internship Program	580	207
IT INTERNSHIP AT GTU	GTU Sem-8 Internship Program	90	11

Interns of GTU who have completed internship in the IT department of GTU were felicitated on 5th May 2023 with certificate of completion by Hon'ble VC (I/C) and Registrar GTU.

Submitted by -
Dr. Keyur Darji, Director, GTU

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.

Activities and initiatives of the GTU Alumni Association during the year 2023:

The GTU Alumni Association provides a platform for graduates to stay in touch and maintain their ties with the university. Even after achieving professional success and establishing themselves in the job environment, one cannot forget the fond memories of their time spent as students or the impact their alma mater made on their academic growth. This is a result of the affection and connection students feel for their alma mater. Currently, more than 27,000 alumni members are connected with their alma mater and student community.

- The GTU Alumni Association has published the second issue of its biannual newsletter **"समवाय एकत्र सदा"** in July 2023 to highlight and celebrate their prominent alumni achievements and to illustrate the institutions and university's overall advancement. GTUAA provides support to alumni to guide and resolve their queries. The GTU Alumni Association encourages alumni members to contribute for students and University benefits.

- Moreover, the **Skill Enhancement Expert Talk Series 2023** was initiated to provide a platform for GTU alumni to share their expertise and knowledge with the student community from June-December 2023. GTUAA appreciated all the alumni speakers for delivering the insightful sessions.More than a thousand students, alumni members, faculty members, researchers, and industry fellows from various organizations have connected and attended these sessions.

Submitted by –
Ms. Seema Joshi, Assistant Professor, GSET, GTU

WOMEN DEVELOPMENT CELL
VIDUSHEE GARGI CENTER FOR WOMEN DEVELOPMENT

Celebration of International Women's Day on 06th March 2023

International Women's Day was organized by GTU-WDC on 6th March 2023. The chief guest of the day was Dr. Jolly Dhar (SAC / ISRO Scientist, "G", and Head MSRD). She gave a glimpse of various activities of ISRO. She also shed light on how women function in ISRO. She also shared that the work culture at ISRO is really motivating and encouraging for women to work. In the post-lunch session, the Krida Tantra Academy team was invited for games and recreational activities led by the women coaches of the academy. The female audience took about 2 hours of relaxation time away from work-life stress.

Expert Session on Role of Women in Cooperative Sector and Entrepreneurship on 13th March 2023

GTU organized a session on "Role of women in cooperative and entrepreneurship" delivered by Mr. Darshan Sedani (President, Co-founder IntelliMedia Network) being a Chief Guest and speaker for the session. He emphasized on the challenges faced by women in industry and society. The session concluded with a question and answer session from the audience about women's independence, state of mind and journey towards acceptance and a balanced relationship.

Expert Session on 'Key to Happiness-Healthy, Wealthy and Spiritual living' on 22nd September 2023

Vidushee Gargi Centre for Women Development organized an event on "Key to happiness- Healthy, Wealthy and Spiritual Living" on 22nd September 2023 for women employees and students of the university. Dr. Shilpa Agarwal, Founder, Medilink Multispecialty Hospital and Ms. Radhika Rai, Holistic Life Coach & Spiritual Healer were invited as expert speakers for the event which was attended by approx. 150 participants.

Submitted by-
Dr. Komal R. Borisagar, Chairperson, GTU-WDC

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 follow:

Sr. No.	Position	Name
1	Presiding Officer	Prof.(Dr.) Ushma U. Anerao- Associate Dean, Faculty of Architecture
2	Member	CA. Chitrali Parmar - Internal Auditor
3	Member	Ms. Mona Chaurasiya - Research Coordinator
4	Member	Dr. Pankajray Patel -Director
5	Member	Ms. Seema Joshi - Assistant Professor
6	Faculty Member	Mr. Kashayp Thummar- Assistant Professor
7	Member	Dr. Sarika Srivastava - Assistant Professor
8	Member Secretary	Dr. Khushbu Batavia – Office Superintendent
9	One Member from N.G.O	Ms. Shailaza Andhare - Stree Chetna, NGO
10	Students (If the matter involves students)	

Major Activities of SHMC

- No complaint of sexual harassment has been received during the year.
- University level seminar/workshop were organized for awareness about The Prevention, Prohibition and Redressal of Sexual Harassment of women employees with the help of Women Development Cell of the university.

Submitted by –
CA Chitrali Parmar & Ms. Khushbu Batavia, OS, GTU

OTHER CELLS / COMMITTEES AT GTU

Following Cells / Committees have been constituted as per UGC / AICTE/ State Government guidelines. The details of members can be obtained from the 'Statutory Cells' tab of GTU website.

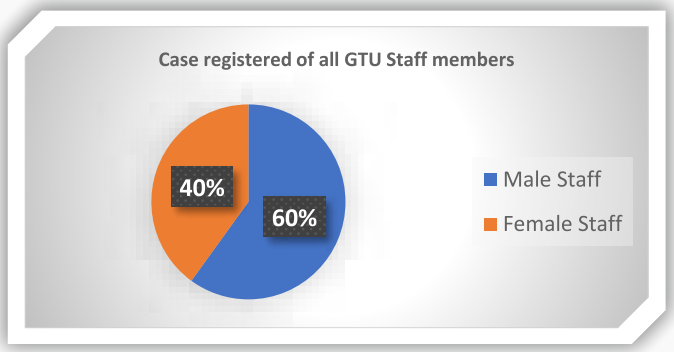
- **Anti-Ragging Committee**
- **Right to Information (RTI) Cell**
- **Grievance Redressal Cell**
- **SC-ST Cell**

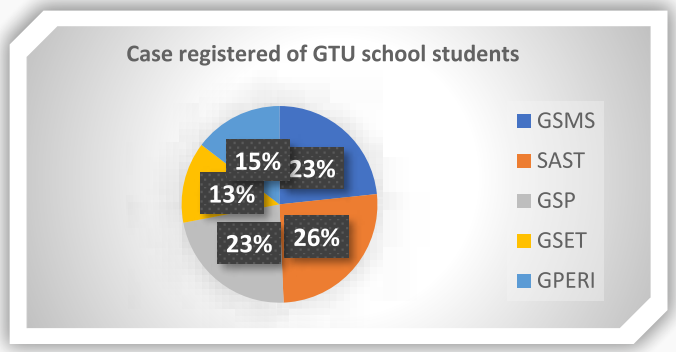
SAMVAD- "THE HAPPINESS CENTRE"

SAMVAD, known as 'The Happiness Centre,' is a part of GTU and opened on February 1st, 2022. It's a big step in promoting mental well-being for students, professors, and staff at the university. SAMVAD provides a dedicated space for individuals to discuss their concerns with experienced professionals, offering counseling support for mental health.

Major Activities of SHMC

- This center is actively reaching out by visiting colleges within GTU, including GSP Gandhinagar and GPERI Mehsana, every week.
- SAMVAD organized a stress management session for GPERI staff, combining expertise with enjoyable activities to promote a supportive work environment.
- Ms. Yogina Derji was invited for a two-day program at GSP, focusing on *students'* ***"Planning Journey",*** emphasizing time management, and understanding opportunities in the realm of work life.
- In alignment with contemporary practices, SAMVAD has started ***Digitalizing all case records*** over the last two years, streamlining access to crucial information. This ensures efficiency and confidentiality.
- SAMVAD conducts programs for GTU students and staff on the ***National Telle MANAS*** mental health initiative, along with publishing articles on suicide prevention and exam stress awareness in newspapers.
- SAMVAD now offers new therapies like Cognitive Behavioral Therapy (CBT), positive therapy, and music therapy, which are helpful for issues like anxiety, depression, OCD, and panic disorder.
- SAMVAD center arranges weekly sessions for various schools in GTU, discussing topics like stress, depression, communication, suicide, and addiction to promote psychological well-being.
- SAMVAD has conducted over 160 Personality Assessments on students, enhancing their personality development and providing valuable insights for career counseling.
- Stress management is a key focus for SAMVAD, with over 1350 Stress Meter assessments conducted across GTU, offering valuable insights into stress levels within the university community.





Submitted by:
Ms. Manisha Gauniyal (Clinical Psychologist)
SAMVAD Centre Head, GTU

INTERNAL QUALITY ASSURANCE CELL (IQAC)

The University's IQAC works for development and enhancement of academic and administrative practices for achieving excellence. This Cell has a mandate for creating an academic environment for promotion of 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.

Visit of NAAC:

This year during 9th -11th Feb., 2023 the National Assessment and Accreditation Council (NAAC) Peer Team visited the university. Followed by a thorough review by the NAAC team, the university received A+ grade with a 3.26 score in its very first cycle.

Memberships of GTU:

Sr.No	Name of Membership	Life span of membership	Life span of membership
1	Confederation of Indian Industry (CII)	W53671	Yearly
2	Education Promotion Society for India (EPSI)	UNI-2021/019	Life Time
3	United Nations Academic Impact (UNAI)	-	
4	Center for Education Growth and research (CEGR)	Lt021	7/14/2029
5	Association of IQAC Professionals	ISO/IQAC/21/1254	Lifetime
6	Certificate of Life Time Trusteeship of ISTU	-	Lifetime
7	Association of Indian Universities	-	Annual
8	Global University Network for Innovation	NA	Member since January 31, 2022

IQAC conducted Lectures on Outcome Based Education (OBE) and CO-PO Mapping

The National Board of Accreditation mandates establishing a culture of outcome-based education (OBE) in institutions. To develop OBE Based Education culture at GTU and to develop basic understanding of OBE, Dr. S. D. Panchal, Head- IQAC and Professor & Director Graduate School of Engineering and Technology, GTU conducted a lecture series on OBE. The theme of the lecture series was to understand the Bloom's Taxonomy Verb Chart for Teaching Innovation and Pedagogical Support and CO- PO Mapping and Attainment Calculation. All the Teachers of PG Schools of university were invited for the participation.

Workshop on National Institutional Ranking Framework (NIRF) and National Board of Accreditation (NBA) was held on (24th and 25th August 2023):

Internal Quality Assurance Cell (IQAC) jointly organized a two-day workshop on National Institutional Ranking Framework (NIRF) and National Board of Accreditation (NBA). The main objective of this workshop was to strengthen the Government and Self Finance Institutes of Diploma and Degree Engineering in NIRF and NBA. More than 150 Principals, Senior Faculty members, IQAC/NBA Coordinators participated in the workshop from all over the state of Gujarat. Dr. Anilkumar Nassa Member Secretary, NBA, New Delhi, was the Chief Guest of the Workshop and Dr. Sanjay Agrawal, Professor & Head Department of Computer Engineering and Application, NITTTR, Bhopal was the Guest of Honour of the workshop.

IQAC received Best Section Award at the University's 16th Foundation Day Celebration held 16th May, 2023

The Chief Guest of this event was Hon'ble Chairman of All India Council for Technical Education (AICTE). Internal Quality Assurance Cell (IQAC) also received Best Section Award for its new initiatives.

National Institute Ranking Framework (NIRF) Ranking:

This year Graduate School of Pharmacy, GTU secured 71st Rank in NIRF Ranking under Pharmacy category on 5th June, 2023.

Gujarat State Institutional Ranking Framework (GSIRF):

Gujarat State Institutional Ranking Framework (GSIRF) is a pioneering attempt towards creating world class institutions in Gujarat by the Knowledge Consortium of Gujarat (KCG) in partnership with the Indian Centre for Academic Rankings & Excellence (ICARE), India's most trusted institution Ranking & Rating Authority.

GTU received 4 star ranking and 3.6 score out of 5 in UNIVERSITY category.

Statistics related to different schemes of IQAC GTU

Sr. No.	Name of Scheme	Specification	Amt. in INR
1	Seed Money Scheme (SMS)	Total Sanctioned Grant to GTU PG Schools	Rs.15,81,320/-
2	Staff Recognition scheme (SRS)	Financial Reward disbursed to GTU staff member	Rs. 1,15,000/-
3	Financial Assistance Scheme for Teachers (FAST)	Total Financial Assistance disbursed to faculty members of GTU PG Schools & Constituent College	Rs. 1,20,000/-
4	Research Promotion Scheme for Minor Research Project (RPS-MRP)	Total Sanctioned Grant to affiliated institutes	Rs.10,56,000/-

Submitted by -
Dr. Sanjay Chauhan, Head, IQAC-GTU & Professor & Director, GSP-GTU
Dr. Kaushal Bhatt, Coordinator, IQAC-GTU & Associate Professor, GSMS, GTU

SECTION - VIII

ACHIEVEMENTS OF AFFILIATED INSTITUTES

NO. OF RESEARCH PAPERS PUBLISHED, NO. OF RESEARCH PAPERS PRESENTED IN CONFERENCE, NO. OF CONFERENCE /FDP WORKSHOPS /STTP /SEMINARS/WEBINARS/ CONDUCTED IN THE YEAR 2023

SR. NO.	COLLEGE CODE	COLLEGE NAME	NO. OF RESEARCH PAPERS PUBLISHED	NO. OF RESEARCH PAPERS PRESENTED IN CONFERENCE	NO. OF CONFERENCE /FDP WORKSHOPS /STTP / SEMINARS /WEBINARS/ CONDUCTED
FACULTY OF ENGINEERING					
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	117	13	148
2	089	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING & TECHNOLOGY	5	2	6
3	047	VYAVASAYI VIDYA PRATISHTHAN	73	6	62
4	075	SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY	6	1	0
5	016	GOVERNMENT ENGINEERING COLLEGE, MODASA	11	3	16
6	020	GOVERNMENT ENGINEERING COLLEGE, RAJKOT	21	4	26
7	013	GOVERNMENT ENGINEERING COLLEGE, SECTOR-28, GANDHINAGAR	13	9	4
8	004	B. H. GARDI COLLEGE OF ENGINEERING & TECHNOLOGY	3	2	9
9	091	SHRI SATSANGI SAKETDHAM RAM ASHRAM GROUPOF INSTITUTIONS, VADASMA, MEHSANA	8	2	2
10	061	GOVERNMENT ENGINEERING COLLEGE, PALANPUR	16	1	29
11	023	DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.	44	15	41
12	009	C.K. PITHAWALA COLLEGE OF ENGG & TECHNOLOGY	19	6	164
13	076	SHREE SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY, SURAT.	32	6	0
14	039	S.P.B. PATEL ENGINEERING COLLEGE	2	1	27
15	129	GYANMANJARI INSTITUTE OF TECHNOLOGY	5	5	1
16	113	SAL COLLEGE OF ENGINEERING	17	8	11

FACULTY OF PHARMACY					
1	298	SAL COLLEGE OF PHARMACY	2	0	5
2	252	SHRI B M SHAH COLLEGE OF PHARMACEUTICAL EDUCATION AND RESAERCH MODASA	2	0	1
4	257	FACULTY OF PHARMACY, SHRI SATSANGI SAKETDHAM RAM ASHRAM GROUP OF INSTITUTIONS, VADASMA	12	3	26
5	254	SHREE DHANVANTARY PHARMACY COLLEGE	23	25	15
6	263	SMT. R. D. GARDI B. PHARMACY COLLEGE, NYARA, RAJKOT	68	57	4
7	205	ANAND PHARMACY COLLEGE	16	15	28
8	286	SMT. S. M. SHAH PHARMACY COLLEGE	13	1	49
9	224	K.B.RAVAL COLLEGE OF PHARMACY	21	1	5
11	228	L. M. COLLEGE OF PHARMACY	100	15	24
12	245	SHRI SARVAJANIK PHARMACY COLLEGE, MEHSANA	19	0	12
13	247	SHARDA SCHOOL OF PHRMACY	33	8	60
14	268	SHREE NARANJIBHAI LALBHAI PATEL COLLEGE OF PHARMACY	35	0	20
15	206	A-ONE PHARMACY COLLEGE	12	0	0
16	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	29	48	2
17	239	ROFEL SHRI G M BILAKHIA COLLEGE OF PHARMACY	20	2	4
18	208	ARIHANT SCHOOL OF PHARMACY & BRI, ADALAJ, GANDHINAGAR	1	2	4

FACULTY OF ENGINEERING (DIPLOMA)					
1	606	BUTLER POLYTECHNIC	1	0	3
2	655	VALLABH BUDHI POLYTECHNIC,NAVSARI	0	0	2
3	954	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING & TECHNOLOGY	5	2	6
4	972	GOVERNMENT POLYTECHNIC, KHEDA	0	0	6
5	637	N. G. PATEL POLYTECHNIC	0	0	3
6	621	GOVERNMENT POLYTECHNIC BHUJ	3	2	1
7	647	TAPI DIPLOMA ENGINEERING COLLEGE	2	1	0
8	693	S.P.B. PATEL ENGINEERING COLLEGE	0	0	12

DIPLOMA PHARMACY					
1	451	SAL INSTITUTE OF DIPLOMA STUDIES	1	0	10

FACULTY OF MANAGEMENT					
1	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	21	12	13
2	713	GROW MORE FACULTY OF MANAGEMENT	1	1	5
3	773	SUNSHINE GROUP OF INSTITUTIONS	13	9	8
4	778	SOM LALIT INSTITUTE OF MANAGEMENT STUDIES	41	36	8

MASTER OF COMPUTER APPLICATION					
1	569	GOVERNMENT MCA COLLEGE	6	0	0

TOTAL	**892**	**324**	**882**

NO. OF FACULTY MEMBERS WHO HAVE ATTENDED INTERNATIONAL CONFERENCE OUTSIDE INDIA IN THE YEAR 2023

SR. NO.	COLEGE CODE	COLLEGE NAME	NO. OF FACULTY MEMBERS
FACULTY OF ENGNEERING			
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	1
10	061	GOVERNMENT ENGINEERING COLLEGE PALANPUR	1

FACULTY OF PHARMACY			
1	298	SAL COLLEGE OF PHARMACY	2
11	228	L. M. COLLEGE OF PHARMACY	2
12	245	SHRI SARVAJANIK PHARMACY COLLEGE, MEHSANA	2
13	247	SHARDA SCHOOL OF PHRMACY	1

DIPLOMA PHARMACY			
1	451	SAL INSTITUTE OF DIPLOMA STUDIES	1

FACULTY OF MANAGEMENT			
	778	SOM LALIT INSTITUTE OF MANAGEMENT STUDIES	1

TOTAL	**11**

NO. OF BOOKS/BOOKS CHAPTERS WRITTEN BY FACULTY MEMBERS IN THE YEAR 2023

SR NO.	COLLEGE CODE	COLLEGE NAME	NO. OF BOOKS/BOOKS CHAPTERS WRITTEN BY FACULTY MEMBERS
FACULTY OF ENGINEERING			
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	9
2	016	GOVERNMENT ENGINEERING COLLEGE, MODASA	2
3	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	3
4	091	SHRI SATSANGI SAKETDHAM RAM ASHRAM GROUP OF INSTITUTIONS, VADASMA, MEHSANA	1
5	061	GOVERNMENT ENGINEERING COLLEGE PALANPUR	4
6	023	DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.	7
7	009	C.K. PITHAWALA COLLEGE OF ENGG & TECHNOLOGY	5
8	113	SAL COLLEGE OF ENGINEERING	2
FACULTY OF PHARMACY			
1	257	FACULTY OF PHARMACY, SHRI SATSANGI SAKETDHAM RAM ASHRAM GROUP OF INSTITUTIONS, VADASMA	6
2	254	SHREE DHANVANTARY PHARMACY COLLEGE	1
3	263	SMT. R. D. GARDI B. PHARMACY COLLEGE, NYARA, RAJKOT	5
4	205	ANAND PHARMACY COLLEGE	7
5	286	SMT. S. M. SHAH PHARMACY COLLEGE	2
6	224	K.B.RAVAL COLLEGE OF PHARMACY	3
7	211	AVANTIKA EDUCATION TRUST B.PHARMACY COLLEGE-NAVALGADH	1
8	228	L. M. COLLEGE OF PHARMACY	22
9	268	SHREE NARANJIBHAI LALBHAI PATEL COLLEGE OF PHARMACY	4
10	206	A-ONE PHARMACY COLLEGE	1
11	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	9
12	239	ROFEL SHRI G M BILAKHIA COLLEGE OF PHARMACY	8
13	208	ARIHANT SCHOOL OF PHARMACY & BRI, ADALAJ, GANDHINAGAR	1
FACULTY OF ENGINEERING (DIPLOMA)			
1	606	BUTLER POLYTECHNIC	5
2	621	GOVERNMENT POLYTECHNIC BHUJ	2
DIPLOMA PHARMACY			
1	451	SAL INSTITUTE OF DIPLOMA STUDIES	3

FACULTY OF MANAGEMENT			
1	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	6
2	841	DR. V. R. GODHANIA COLLEGE OF ENGINEEING AND TECHNOLOGY	1
3	773	SUNSHINE GROUP OF INSTITUTIONS	2
4	778	SOM LALIT INSTITUTE OF MANAGEMENT STUDIES	2

MASTER OF COMPUTER APPLICATION			
1	569	GOVERNMENT MCA COLLEGE	1

TOTAL	125

NO. OF PATENTS APPLIED BY FACULTY MEMBERS / STUDENTS / INSTITUTE IN THE YEAR 2023

SR NO.	COLLEGE CODE	COLLEGE NAME	NO. OF PATENTS APPLIED BY FACULTY MEMBERS / STUDENTS / INSTITUTE
FACULTY OF ENGINEERING			
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	42
2	047	VYAVASAYI VIDYA PRATISHTHAN	1
3	016	GOVERNMENT ENGINEERING COLLEGE, MODASA	2
4	091	SHRI SATSANGI SAKETDHAM RAM ASHRAM GROUP OF INSTITUTIONS, VADASMA, MEHSANA	2
5	009	C.K. PITHAWALA COLLEGE OF ENGG & TECHNOLOGY	2
FACULTY OF PHARMACY			
1	298	SAL COLLEGE OF PHARMACY	2
2	252	SHRI B M SHAH COLLEGE OF PHARMACEUTICAL EDUCATION AND RESAERCH MODASA	3
3	257	FACULTY OF PHARMACY, SHRI SATSANGI SAKETDHAM RAM ASHRAM GROUP OF INSTITUTIONS, VADASMA	2
4	254	SHREE DHANVANTARY PHARMACY COLLEGE	5
5	263	SMT. R. D. GARDI B. PHARMACY COLLEGE, NYARA, RAJKOT	3
6	205	ANAND PHARMACY COLLEGE	1
7	286	SMT. S. M. SHAH PHARMACY COLLEGE	5
8	224	K.B.RAVAL COLLEGE OF PHARMACY	1
9	228	L. M. COLLEGE OF PHARMACY	10
10	245	SHRI SARVAJANIK PHARMACY COLLEGE, MEHSANA	2
11	247	SHARDA SCHOOL OF PHRMACY	4
12	268	SHREE NARANJIBHAI LALBHAI PATEL COLLEGE OF PHARMACY	3
13	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	4
14	239	ROFEL SHRI G M BILAKHIA COLLEGE OF PHARMACY	4
15	208	ARIHANT SCHOOL OF PHARMACY & BRI, ADALAJ, GANDHINAGAR	1
FACULTY OF ENGINEERING (DIPLOMA)			
1	647	TAPI DIPLOMA ENGINEERING COLLEGE	1
DIPLOMA PHARMACY			
1	451	SAL INSTITUTE OF DIPLOMA STUDIES	2
FACULTY OF MANAGEMENT			
1	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	1
MASTER OF COMPUTER APPLICATION			
1	569	GOVERNMENT MCA COLLEGE	1
		TOTAL	**104**

NO. OF PATENTS GRANTED TO FACULTY MEMBERS / STUDENTS / INSTITUTE IN THE YEAR 2023

SR NO.	COLLEGE CODE	COLLEGE NAME	NO. OF PATENTS GRANTED TO FACULTYMEMBERS / STUDENTS / INSTITUTE
FACULTY OF ENGINEERING			
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	9
2	089	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING & TECHNOLOGY	1
3	047	VYAVASAYI VIDYA PRATISHTHAN	1
4	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	1
5	091	SHRI SATSANGI SAKETDHAM RAM ASHRAM GROUP OF INSTITUTIONS, VADASMA, MEHSANA	2
6	113	SAL COLLEGE OF ENGINEERING	2
7	009	C.K. PITHAWALA COLLEGE OF ENGG & TECHNOLOGY	7
FACULTY OF PHARMACY			
1	257	FACULTY OF PHARMACY, SHRI SATSANGI SAKETDHAM RAM ASHRAM GROUP OF INSTITUTIONS, VADASMA	2
2	254	SHREE DHANVANTARY PHARMACY COLLEGE	3
3	263	SMT. R. D. GARDI B. PHARMACY COLLEGE, NYARA, RAJKOT	1
4	205	ANAND PHARMACY COLLEGE	2
5	286	SMT. S. M. SHAH PHARMACY COLLEGE	3
6	224	K.B.RAVAL COLLEGE OF PHARMACY	2
7	228	L. M. COLLEGE OF PHARMACY	5
8	245	SHRI SARVAJANIK PHARMACY COLLEGE, MEHSANA	2
9	247	SHARDA SCHOOL OF PHRMACY	4
10	268	SHREE NARANJIBHAI LALBHAI PATEL COLLEGE OF PHARMACY	4
11	206	A-ONE PHARMACY COLLEGE	4
12	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	19
FACULTY OF ENGINEERING (DIPLOMA)			
1	954	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING & TECHNOLOGY	1
FACULTY OF MANAGEMENT			
1	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	1
TOTAL			**76**

NO. OF CONSULTANCY PROJECTS RECEIVED BY INSTITUTE IN THE YEAR 2023

SR NO.	COLLEGE CODE	COLLEGE NAME	NO. OF CONSULTANCY PROJECTS RECEIVED BY INSTITUTE
FACULTY OF ENGINEERING			
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	52
2	047	VYAVASAYI VIDYA PRATISHTHAN	24
3	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	2
4	061	GOVERNMENT ENGINEERING COLLEGE PALANPUR	2
5	023	DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.	4
6	076	SHREE SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY, SURAT.	1
FACULTY OF PHARMACY			
1	254	SHREE DHANVANTARY PHARMACY COLLEGE	6
2	228	L. M. COLLEGE OF PHARMACY	13
3	268	SHREE NARANJIBHAI LALBHAI PATEL COLLEGE OF PHARMACY	5
4	206	A-ONE PHARMACY COLLEGE	1
5	239	ROFEL SHRI G M BILAKHIA COLLEGE OF PHARMACY	3
FACULTY OF ENGINEERING (DIPLOMA)			
1	637	N. G. PATEL POLYTECHNIC	8
2	647	TAPI DIPLOMA ENGINEERING COLLEGE	16
FACULTY OF MANAGEMENT			
1	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	2
2	773	SUNSHINE GROUP OF INSTITUTIONS	1
3	778	SOM LALIT INSTITUTE OF MANAGEMENT STUDIES	4
TOTAL			**144**

NO. OF RESEARCH PROJECTS FUNDED BY GOVERNMENT AGENCIES IN INSTITUTE IN THE YEAR 2023

SR NO.	COLLEGE CODE	COLLEGE NAME	NO. OF RESEARCH PROJECTS FUNDED BY GOVERNMENT AGENCIES IN INSTITUTE
		FACULTY OF ENGINEERING	
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	5
2	047	VY AVASAYI VIDYA PRATISHTHAN	3
3	061	GOVERNMENT ENGINEERING COLLEGE PALANPUR	1
4	076	SHREE SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY, SURAT.	1
		FACULTY OF PHARMACY	
1	254	SHREE DHANVANTARY PHARMACY COLLEGE	6
2	205	ANAND PHARMACY COLLEGE	6
3	228	L. M. COLLEGE OF PHARMACY	6
4	247	SHARDA SCHOOL OF PHRMACY	1
5	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	3
6	239	ROFEL SHRI G M BILAKHIA COLLEGE OF PHARMACY	2
		TOTAL	**34**

NO. OF AWARD RECEIVED AT STATE/NATIONAL/INTERNATIONAL LEVEL BY FACULTY MEMBERS/STUDENTS/INSTITUTES IN THE YEAR 2023

SR NO.	COLLEGE CODE	COLLEGE NAME	NO. OF AWARD RECEIVED AT STATE/NATIONAL/ INTERNATIONALLEVEL BY FACULTY MEMBERS/ STUDENTS/INSTITUTES
FACULTY OF ENGINEERING			
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	34
2	089	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING & TECHNOLOGY	1
3	047	VYAVASAYI VIDYA PRATISHTHAN	6
4	075	SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNOLOGY	1
5	113	SAL COLLEGE OF ENGINEERING	3
6	009	C.K. PITHAWALA COLLEGE OF ENGG & TECHNOLOGY	53
7	076	SHREE SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY, SURAT.	4
FACULTY OF PHARMACY			
1	254	SHREE DHANVANTARY PHARMACY COLLEGE	5
2	263	SMT. R. D. GARDI B. PHARMACY COLLEGE, NYARA, RAJKOT	3
3	205	ANAND PHARMACY COLLEGE	13
4	286	SMT. S. M. SHAH PHARMACY COLLEGE	1
5	224	K.B.RAVAL COLLEGE OF PHARMACY	4
6	228	L. M. COLLEGE OF PHARMACY	5
7	247	SHARDA SCHOOL OF PHRMACY	10
8	268	SHREE NARANJIBHAI LALBHAI PATEL COLLEGE OF PHARMACY	1
9	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	1
FACULTY OF ENGINEERING (DIPLOMA)			
1	954	SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING & TECHNOLOGY	1
FACULTY OF MANAGEMENT			
1	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	1
2	713	GROW MORE FACULTY OF MANAGEMENT	1
3	773	SUNSHINE GROUP OF INSTITUTIONS	2
4	778	SOM LALIT INSTITUTE OF MANAGEMENT STUDIES	4
TOTAL			**154**

TOTAL NO. OF CENTRE OF EXCELLENCE OPERATIONAL DURING THE YEAR 2023

SR NO.	COLLEGE CODE	COLLEGE NAME	TOTAL NO. OF CENTRE OF EXCELLENCE OPERATIONAL
FACULTY OF ENGINEERING			
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	7
2	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	1
3	013	GOVERNMENT ENGINEERING COLLEGE, SECTOR-28, GANDHINAGAR	1
4	009	C.K. PITHAWALA COLLEGE OF ENGG & TECHNOLOGY	3
5	076	SHREE SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY, SURAT.	1
FACULTY OF PHARMACY			
1	254	SHREE DHANVANTARY PHARMACY COLLEGE	1
2	228	L. M. COLLEGE OF PHARMACY	1
FACULTY OF DIPLOMA ENGINEERING			
1	647	TAPI DIPLOMA ENGINEERING COLLEGE	2
TOTAL			**17**

PHOTO GALLERY OF AFFILIATED INSTITUTES

Entrepreneurship Development Programm Module -2 on 24.04.2023 to 09.05.2024 at SVBIT , Ghandhinagar.

Sunshine Group of Institutions Received 'India Excellence Award 2023' for Best B-School of Gujarat.

Award Received by Principal of R.D. Gargi College, Rajkot.

Celebration of 74th Taluka Van Mahotsav at Government Polytechnic Kheda.

Certificate of Appreciation Received by Sal Institute of Technology

Achievements of Birla Pharmacy College

Glimpse of Institute Achievements of 2023
CKP, Surat

Glimpse of Institute Achievements of 2023
Som-Lalit Institute of Management Studies.

SNLPCP Received SSIP 2.0 Grant of
Rs. 5 Lakh on 10.08.2023 at KCG Ahmedabad

Award for Best Project Village Development
on 23.01.2023 GECPL Palanpur.

Media Coverage

જીટીયુની વિકાસ યાત્રા અવિરત ચાલશે: ડો. પંકજ પટેલ

અમદાવાદ | જીટીયુ કુલપતિ ડો. નવીન શેઠનો વિદાય સમારંભ યોજાયો હતો, જેમાં નવ નિયુક્ત કુલપતિ ડો. પંકજરાય પટેલે જણાવ્યું કે, તેમના કાર્યકાળમાં જીટીયુએ આંતરરાષ્ટ્રીય સ્તરે ટેકનિકલ શિક્ષણ સહિત અનેક ક્ષેત્રે અગ્ર હરોળમાં સ્થાન પ્રાપ્ત કર્યું છે. આ વિકાસ યાત્રા અવિરત ચાલશે.

ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી, અમદાવાદ

ઑલ ઈન્ડિયા આંતર યુનિવર્સિટી ૩૬માં યુવક મહોત્સવમાં જીટીયુના વિદ્યાર્થીઓ ઝળક્યા.

વિદ્યાર્થીઓમાં વિવિધ લલિતકળાઓ પ્રત્યે રૂચી કેળવાય અને આપણા કલા વારસાથી અવગત થાય તે અર્થે ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટીના (જીટીયુ) સ્પોર્ટ્સ અને કલ્ચર વિભાગ દ્વારા સમયાંતરે વિવિધ સ્પર્ધામાં યુનિવર્સિટીના વિદ્યાર્થીઓને ભાગ લેવા માટે પ્રોત્સાહીત કરીને માર્ગદર્શન આપવામાં આવતું હોય છે. તાજેતરમાં જ જૈન યુનિવર્સીટી, બંગ્લોર ખાતે ૩૬માં ઑલ ઈન્ડિયા આંતર યુનિવર્સિટી યુવક મહોત્સવનું આયોજન કરવામાં આવ્યું હતું. જેમાં દેશભરની કુલ ૧૦૪ યુનિવર્સીટીઓના ૧૫૦૦થી વધુ વિદ્યાર્થીઓએ વિવિધ સ્પર્ધામાં ભાગ લીધો હતો. જીટીયુના વિદ્યાર્થીઓએ ડિબેટ અને વેસ્ટર્ન ઈન્સ્ટ્રુમેન્ટલ સોલોની સ્પર્ધામાં તૃતિય સ્થાન હાંસલ કર્યું છે. આ સંદર્ભે જીટીયુના કાર્યકારી કુલપતિ પ્રો. ડૉ. પંકજરાય પટેલે જણાવ્યું હતું કે, જીટીયુ માત્ર ટેક્નિકલ શિક્ષણ ક્ષેત્રે જ નહીં, પરંતુ વિવિધ લલિતકળાઓમાં પણ વિદ્યાર્થીઓને યોગ્ય તક પૂરી પાડે છે. જેના પરિણામ સ્વરૂપ વિદ્યાર્થીઓ રાષ્ટ્રીય સ્તરે યુનિવર્સિટીનું નામ રોશન કરે છે. જીટીયુના કુલસચીવ ડૉ. કે. એન. ખેરે પણ વિજેતા વિદ્યાર્થીઓ, જીટીયુ સ્પોર્ટ્સ અને કલ્ચર ઓફિસર ડૉ. આકાશ ગોહિલ અને યુવક મહોત્સવના મેનેજર હાર્દિક ત્રિવેદીને આ બદલ અભિનંદન પાઠવ્યા હતાં.

જીટીયુ અને એડ્યુનેટ ફોઉન્ડેશન વચ્ચે સેન્ટર ઑફ એક્સલન્સ સ્થાપવા માટે એમઓયુ

ગુજરાત કાર્ડમ બુલેટીન, દિપક મકવાણા, અમદાવાદ

ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી દ્વારા વિવિધ વિષયોને સાંકળીને વિદ્યાર્થીમાં સ્કિલ આધારીત કોર્સની જાગૃકતા કેળવાય તે હેતુસર વિવિધ કંપની સાથે એમઓયુ કરવામાં આવે છે. તાજેતરમાં જ જીટીયુ અને એડ્યુનેટ ફોઉન્ડેશન વચ્ચે સેન્ટર ઑફ એક્સલન્સ સ્થાપવા માટે એમઓયુ કરવામાં આવ્યા છે. આ આપવામાં આવી છે. સેન્ટર ઑફ એક્સલન્સની સ્થાપનાથી વિદ્યાર્થીઓની સ્કિલમાં વધારો અને આંત્રપ્રિન્યોર્સ માટે પણ અનેક તકો ઉપસ્થિત થશે. જે આત્મનિર્ભર ભારત અભિયાનને વેગ પૂરો પાડશે. આ એમઓયુ પર જીટીયુના કુલસચિવ ડૉ. કે. એન ખેર અને એડ્યુનેટ ફોઉન્ડેશનના સિનિયર ડાયરેક્ટર વૈભવ ઓસ્તવાલે હસ્તાક્ષર કર્યા હતાં. જીટીયુના કુલપતિ અને કુલસચિવે જીસેટના

जीटीयू का 12वां दीक्षांत समारोह, 48882 विद्यार्थियों को प्रदान की डिग्री

भौतिक उन्नति व अध्यात्म के समन्वय से ही जीवन की परिपूर्णता : राज्यपाल

पत्रिका न्यूज नेटवर्क
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अहमदाबाद. राज्यपाल आचार्य देवव्रत ने कहा कि भौतिक उन्नति अच्छी बात है। जरूरी भी है, लेकिन उससे भी ज्यादा आवश्यक है अध्यात्म। भौतिक उन्नति और अध्यात्म के समन्वय से ही जीवन की परिपूर्णता है। भारतीय शिक्षा पद्धति भौतिक रूप से तो पूर्ण बनाती ही है साथ ही व्यक्ति को आध्यात्मिक रूप से भी परिपूर्ण बनाने वाली है। वे गुरुवार को गुजरात साइंस सिटी में आयोजित जीटीयू के 12वें दीक्षांत समारोह को संबोधित कर रहे थे। समारोह में 48882 विद्यार्थियों को डिग्री प्रदान की गई। 148 विद्यार्थियों को स्वर्ण पदक प्रदान किए गए।

राज्यपाल ने अपने अध्यक्षीय संबोधन में कहा कि जीटीयू ने विज्ञान और तकनीक के साथ भारतीय संस्कृति, भारतीय दर्शन, प्राचीन भारतीय ज्ञान, वेद-पुराण और उपनिषद के 12 कोर्स शुरू कर भारतीय शिक्षा पद्धति व संस्कृति को अपनाया है। यह अच्छी पहल है। उन्होंने विद्यार्थियों को सभ्यता और संस्कृति से अवगत कराते हुए इन दोनों की अहमियत बताई।

उच्च एवं तकनीकी शिक्षा मंत्री अधिकेश पटेल ने कहा कि नवाचार, स्टार्टअप और अपनी मेहनत व शिक्षा के दम पर युवाओं के सामर्थ्य से देश अपनी आजादी के 100वें साल 2047 तक विकासशील देश से विकसित देश की श्रेणी में आ जाएगा।

शिक्षा राज्यमंत्री फुलसाबाई पानसेरिया ने कहा कि नए-नए स्टार्टअप और इनोवेशन से भारत नवीन आयाम परिपूर्ण कर रहा है।

समारोह में शिक्षा विभाग के प्रधान सचिव एम.जे. हेयर, जीटीयू के कार्यकारी कुलपति पंकज राय पटेल, कुलसचिव डॉ.के.एन. खेर, जीटीयू के पूर्व कुलपति डॉ. नवीन शेठ, छात्र व विद्यार्थी उपस्थित रहे।

2.50 करोड़ कमाने वाले स्टार्टअप को गोल्ड

3 महीने में 2.50 करोड़ कमाने वाले स्टार्टअप को गोल्ड मेडल जीटीयू के एमबीए इन इनोवेशन, एन्टरप्रिन्योरशिप एंड वेंचर डेवलपमेंट के विद्यार्थी कार्तिक आर्येय ने अर्बन रिप्लर नाम का स्टार्टअप शुरू कर महज तीन महीने में 2.50 करोड़ रुपए कमाए हैं। उनकी इस उपलब्धि पर उन्हें जीटीयू की ओर से वर्ष 2022 का स्टार्टअप क्षेत्र का गोल्डमेडल प्रदान किया गया।

कार्तिक ने बताया कि उन्होंने इलेक्ट्रिक व्हीकल (ईवी) के लिए स्कवेरी माहौल के अनुरूप डिजाइन बनाने से जुड़ा स्टार्टअप शुरू किया है। उनके काम को काफी सराहा जा रहा है। उनके पास कोलकाता, फरीदाबाद और गुड़गाव की इलेक्ट्रिक दुपहिया, टैक्टर और कार बनाने वाली कंपनियों के ऑर्डर हैं। अभी ज्यादातर डिजाइन चीन की ओर से तैयार की जाती हैं।

सफलता एक झटके में नहीं मिलती : मूना

भारतीय प्रौद्योगिकी संस्थान (आईआईटी) गांधीनगर के निदेशक प्रो. रजत मूना ने विद्यार्थियों से कहा कि सफलता एक झटके में नहीं मिलती है। लेकिन लगातार प्रयास करने से एक दिन मिलती जरूर है। इसलिए अपना लक्ष्य निर्धारित कर उसे पाने के लिए लगातार प्रयास करते रहना चाहिए।

હવે બેચલર અભ્યાસ શરૂ કરવામાં આવશે

GTU : UG સેમ-૪, PG સેમ-૨ના ૫૦૦ વિદ્યાર્થી વિદેશ અભ્યાસે જશે

। અમદાવાદ ।

ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી (જીટીયુ) દ્વારા કોરોના મહામારીમાં બે વર્ષ દરમિયાન વિદેશ અભ્યાસ માટે વિદ્યાર્થીઓને મોકલવાનો જે પ્રોગ્રામ બંધ હતો તે શરૂ કરવાની જાહેરાત કરાઈ છે. જીટીયુ દ્વારા હવે બેચલર ઓફ ઈજનીરીના સેમેસ્ટર-૪ અને માસ્ટર ઓફ ઈજનેરીના સેમેસ્ટર-૨ના મળીને ૫૦૦ જેટલા વિદ્યાર્થીઓને વિદેશ અભ્યાસ માટે મોકલશે. આ સિવાય મહેસાણા ખાતેની જીપેરી કોલેજમાં પ્રથમ વર્ષે ઈજનેરી ગુજરાતી ભાષામાં માત્ર ૨ વિદ્યાર્થી મળવા છતાં ડીપ્લોમાં પણ ગુજરાતી ભાષામાં ભણાવવાનું શરૂ કરવામાં આવશે. તેમજ ઈજનેરી ડીપાર્ટમેન્ટમાં હવેથી બેચલર ઓફ ઈજનેરી શરૂ કરવામાં આવશે તેવુ જીટીયુના સત્તાધીશો દ્વારા જાણવા મળ્યું છે. યુનિવર્સિટીના ઈન્ટરનેશનલ એક્સપિરિયન્સ પ્રોગ્રામ અંતર્ગત જુલાઈથી ઓગસ્ટ દરમિયાન બેચરલ ઓફ ઈજનેરી, એમબીએ, ફાર્મસી, આર્કીટેક્ચર સહિતના વિદ્યાર્થીઓને અભ્યાસના ભાગરૂપે સેમેસ્ટર ૪ પછી વિદેશની વિવિધ યુનિવર્સિટીઓમાં અભ્યાસ માટે મોકલવામાં આવશે. આ સ્કીમ અંતર્ગત જર્મની, કેનેડા, બલ્ગેરિયા અને મલેશિયાની વિવિધ યુનિવર્સિટીઓમાં વિદ્યાર્થીઓનો ૬થી ૮ સપ્તાહ માટે મોકલવામાં આવશે. મલેશિયાની મલ્ટી મિડીયા યુનિવર્સિટી સાથે પણ જીટીયુ દ્વારા એમઓયુ કરવામાં આવ્યા છે. ખાસ કરીને બે કોર્સ જેવા કે એઆર અને ડબલ્યુઆર જેવા કોર્સમાં પણ વિદ્યાર્થીઓ અભ્યાસ માટે જઈ શકશે.

पत्रिका

विवि की इंस्टीट्यूशनल एथिक्स कमेटी को स्वास्थ्य मंत्रालय के स्वास्थ्य अनुसंधान विभाग ने दी स्वीकृति

अब जीटीयू के फार्मेसी स्कूल से भी मिल सकेगी दवा के मानव परीक्षण की मंजूरी

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जीटीयू का ग्रेजुएट स्कूल ऑफ फार्मेसी।

अहमदाबाद. गुजरात तकनीकी विश्वविद्यालय (जीटीयू) के ग्रेजुएट स्कूल ऑफ फार्मेसी (जीएसपी) में अब दवाईयों का मानव पर भी परीक्षण किया जा सकेगा। इतना ही नहीं, जीटीयू के जीएसपी से फार्मेसी के विद्यार्थियों को दवाई के लिए जरूरी मानव परीक्षण की भी मंजूरी मिल सकेगी।

केन्द्रीय स्वास्थ्य एवं परिवार कल्याण मंत्रालय के स्वास्थ्य अनुसंधान विभाग की ओर से जीटीयू के फार्मेसी स्कूल की इंस्टीट्यूशनल एथिक्स कमेटी को जरूरी मंजूरी मिल गई है।

जीटीयू के कार्यकारी कुलपति डॉ.पंकजराय पटेल ने बताया कि गुजरात फार्मा क्षेत्र में देश का अग्रणी राज्य है। ऐसे में जीटीयू के फार्मेसी स्कूल की इंस्टीट्यूशनल एथिक्स कमेटी की मंजूरी मिलना काफी महत्वपूर्ण है। इससे विवि संबद्ध 90 से ज्यादा फार्मेसी कॉलेजों के विद्यार्थियों और शोधार्थियों को नए उत्पाद से जुड़ी रिसर्च, परीक्षण करने में काफी मदद मिलेगी।

जीएसपी के निदेशक डॉ.संजय चौहान ने बताया कि फार्मेसी ही नहीं बल्कि लाइफ साइंस, बायो फार्मास्युटिकल क्षेत्र के विद्यार्थियों को भी इससे लाभ मिलेगा। फार्मेसी कोर्स के तहत किसी भी दवा की शोध करने में उसके अलग-अलग स्तर पर परीक्षण किए जाते हैं। जिसमें प्रयोगशालाओं में लैब के बाद मिलने वाले बेहतर परिणाम के बाद उसका परीक्षण जानवरों पर किया जाता है। उसमें बेहतर परिणाम मिलने पर उस दवा का परीक्षण मानवों पर किया जाता है। इसके लिए जरूरी मंजूरी लेनी होती है। मानव परीक्षण करने के लिए जरूरी नीति नियमों को ध्यान में रखते हुए मंजूरी देने वाली इंस्टीट्यूशनल एथिक्स कमेटी को केन्द्रीय स्वास्थ्य एवं परिवार कल्याण मंत्रालय के स्वास्थ्य अनुसंधान विभाग की ओर से मंजूरी दी गई है। इससे जीएसपी के विद्यार्थियों के साथ विवि से संबद्ध कॉलेज के विद्यार्थियों को भी लाभ होगा।

राज्य में विवि को मंजूरी मिलने का पहला मामला

प्रो.चौहान ने बताया कि फार्मेसी लाइफ साइंस और बायोफार्मास्युटिकल क्षेत्र के विद्यार्थी और रिसर्च उनकी दवा व प्रोडक्ट की रिसर्च के लिए ह्यूमन ट्रायल (मानव परीक्षण) करना जरूरी होता है। इसके लिए शोधार्थियों, विद्यार्थियों को अभी अलग-अलग मेडिकल कॉलेजों में जाना पड़ता है। वहां से मंजूरी लेनी पड़ती है। लेकिन अब जीटीयू जीएसपी को एक विवि के रूप में इसकी एथिक्स कमेटी की मंजूरी मिली है, जिससे विद्यार्थियों को विवि से ही मंजूरी मिल जाएगी। इसके लिए वे जीटीयू जीएसपी की वेबसाइट पर ऑनलाइन आवेदन कर सकते हैं। 8 से 9 सदस्यीय इंस्टीट्यूशनल एथिक्स कमेटी सभी जरूरी पहलुओं और मानकों पर उसका मूल्यांकन कर मंजूरी प्रदान करेगी। इससे काम से कम 3 महीने का समय बचेगा।

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Rajul Gajjar appointed GTU vice-chancellor

Second woman, after Neerja Gupta, to hold top post in a Guj varsity

Ahmedabad Mirror Bureau
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Paving her way to become the second woman as the head of a Gujarat-based university, Rajul Gajjar, a senior academician and the principal of LD Engineering College (LDEC) has been appointed as vice chancellor of Gujarat Technological University (GTU), one of the largest universities in the state.

Gujarat-based Gajjar was on Thursday appointed as V-C for a period of three years, beating senior academicians from the Indian Institute of Technology, the Banaras Hindu University (IITBHU) and the National Institute of Technology (NIT). She becomes first woman VC at GTU and second woman to get the top-most post after the Gujarat government appointed Neerja Gupta as VC of Gujarat University on June 30.

Gajjar's appointment marks an end to a 7-month wait for the varsity to get a full-term VC as its stakeholders had to face delays in the process of shortlisting three candidates by the four-member search committee.

After scrutinizing 45 applications received for the post, Gajjar is believed to be appointed considering her sincere and long association and experience of working with the Gujarat government.

Apart from her meritorious work, loyalty and commitment towards government-assigned tasks, Gajjar is believed to have earned good support from reputed alumni of LDCE that includes influential people from industries and connected to political power.

Rajul Gajjar

Gajjar now faces challenges to bring GTU in order as a number of issues, including, examination goof-up, delay in announcing results, mismanagement and alleged corruption charges have rocked the varsity corridors.

Talking to Mirror, Gajjar said that the assignment to head one of the largest state universities came to her at an exciting time. "The professional education is going through a lot of changes. In the wake of National Education Policy (NEP)-2020, emerging technologies are the buzzword on international platforms, it is time to bring in much awaited changes required in the professional education system for the benefit of all the stakeholders."

With Gajjar and Gupta's appointment to the top post, those in know of the development said that the state government is sending out a strong message that, for important posts like a VC, merit is the biggest criteria as it can bring in changes in the educational institutes and make Gujarat an education hub.

It may be noted that at least half a dozen universities under the state government are still functioning with in-charge Vice Chancellors. Academicians and stakeholders in various universities are hoping to get full-term VC soon.

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી દ્વારા સ્ટાર્ટ-અપ ફેસ્ટ-૨૦૨૩નું સફળ આયોજન

સ્ટાર્ટ-અપ ફેસ્ટમાં કુલ ૧૧૪ ઈન્વેસ્ટર્સ જોડાયા : યુવાનો અને વિદ્યાર્થીઓમાં ભારે ઉત્સાહ જોવા મળ્યો

ન્યાયદર્શન,અમદાવાદ,

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી અને સ્ટેજ-સિક્સ કાઉન્સેલરના સંયુક્ત ઉપક્રમે ગુજરાતના તેજસ્વી અને પોતાનો વ્યવસાય કરવા માટે ઉત્સાહ અને આયોજન ધરાવતા યુવાનો માટે ગતરોજ સાયન્સ સીટી ખાતે સ્ટાર્ટ-અપ ફેસ્ટ-૨૦૨૩નું આયોજન જાહીતી ઉદ્યોગપતિ અને સ્ટાર્ટ-અપ માટે પ્રતિષ્ઠા ધરાવતા ઝાઝીર ઝોરવના સાનિધ્યમાં યુવાનો અને વિદ્યાર્થીઓના વિશાળ સમુદાયની ઉપસ્થિતિમાં યોજવામાં આવ્યો હતો.

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી અને સ્ટેજ-સિક્સ કાઉન્સેલરના સંયુક્ત ઉપક્રમે યોજવામાં આવેલ આ સ્ટાર્ટ-અપ ફેસ્ટમાં કુલ ૧૧૪ ઈન્વેસ્ટર્સ જોડાયા હતા તેમજ તેઓ દ્વારા અંદાજીત ૫૩૨ કરોડ રૂપિયા સ્ટાર્ટ-અપમાં ઈન્વેસ્ટ કરવાની તૈયારી દર્શાવી હતી. આ સ્ટાર્ટ-અપ ફેસ્ટમાં ઓડર્ન ૬૪ સ્ટાર્ટ-અપોએ ભાગ લીધો હતો. ગુજરાતના ભાવિ ઉદ્યોગપતિઓને માર્ગદર્શન મળી રહે તેવા ધ્યેયથી રાજ્યમાં પ્રથમવાર પોજાયેલા આ કાર્યક્રમ અંતે યુવાનો અને વિદ્યાર્થીઓમાં ભારે ઉત્સાહ પ્રવર્તતો હતો. આ પ્રસંગે યોજાયેલા સમારંભના પ્રારંભમાં સ્વાગત પ્રવચન પછી ગુજરાત રાજ્યના ટેકનીકલ એજ્યુકેશન ડિપાર્ટમેન્ટ પ્રધાનશ્રી આશીષભાઈ યાજ્ઞીકે પ્રાસંગિક પ્રવચન કરતા જણાવ્યું હતું કે વિશ્વમાં આજે ટેકનોલોજી ક્ષેત્રે ખરેખર ક્રાંતિ થઈ રહી છે ત્યારે ઉદ્યોગમાં તેમજ સ્વ-સ્થળે વિકસતી ટેકનોલોજીનો ઉપયોગ થતો રહેવાની છે અને તેનાથી નવી પેઢીને સજ્જ થવાનું છે. ૨૦૦૧ ના નોબેલ વિજેતા ન્યુરોસ્ટેરની શાસ્ત્રી ડોનાલ્ડ આર્થોને પણ પાણીએ સમજાવ્યું હતું કે આજે એમા ડેટાની ક્રાંતિ આવી છે તેના આપ સૌ સાક્ષી છો. નિવામડ પાનીએ વધુમાં ઉમેર્યું કે ગુજરાતમાં હું અઢાર વર્ષથી છું અને મારો અનુભવ એવું કહે છે કે ગુજરાતીઓના લોહીમાં સ્ટાર્ટ-અપ છે. અંતમાં શ્રી પાનીએ વધુમાં કે અને અભ્યાસ છોડી જનાર યુવાનોને પણ તેમના સ્ટાર્ટ-અપ માટે મદદ કરીને છીએ.

ગુજરાત ટેકનીકલ યુનિવર્સિટીના કુલપતિ ડો. રાજુલ ગજ્જરે ઉપસ્થિત યુવાનોના વિશાળ સમુદાયને સંબોધતા કહ્યું હતું કે સ્ટાર્ટ-અપમા ઈકલ, ટીબીઆઈન, ક્લોબીટી, કિમ્બેરિવિટી અને નાવાડીપ ભવસ્થાપન વગેરે અગત્યના પાસા છે અને યુવાનોને તક્ષ્ય ધ્યાન આપવું જોઈએ. આ પ્રસંગે ઉપસ્થિત ધારાસભ્ય અને ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટીના બોર્ડ ઓફ ગવર્નરના સભ્ય અમિત ઠાકરે પોતાના જીવન કાળના અનુભવો વર્ણવીને કહ્યું હતું કે અમારી વખતે અમને જે મર્યાદાઓ નડતી હતી તેમાંની કોઈ મર્યાદાઓ આપના યુવાનો ને નડતી નથી તેનું શ્રેય વડાપ્રધાન નરેન્દ્ર મોદીને જાય છે.

પત્રિકા

इंटरनेशनल रोबोकॉन स्पर्धा में छठे स्थान पर रही जीटीयू की टीम

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अहमदाबाद. एशियन पेसिफिक ब्रॉडकास्ट यूनियन (एबीयू) की ओर से कंबोडिया में हाल ही में आयोजित इंटरनेशनल रोबोकॉन 2023 स्पर्धा में गुजरात तकनीकी विश्वविद्यालय (जीटीयू) की टीम छठे स्थान पर रही।

टीम ने इस स्पर्धा में एसएमसी कोर्पोरेशन अवार्ड पाया। जीटीयू रोबोकॉन टीम के मेंटर प्रो.राज हक्कानी ने बताया कि जीटीयू की टीम ने इस स्पर्धा में भारत का प्रतिनिधित्व किया था। उन्होंने कहा कि टीम ने स्पर्धा के प्री क्वार्टर फाइनल में कंबोडिया के विरुद्ध दूसरे मैच में एक मिनट 15 सेकंड में ही 220 का स्कोर कर लिया था। जिसमें टेक्निकल स्किल और एक्यूरेट रोबोट के लिए टीम को एसएमसी कोर्पोरेशन अवार्ड मिला। जून 2023 में नई दिल्ली में आयोजित नेशनल रोबोकॉन स्पर्धा में जीटीयू की टीम ने देश की 68 टीमों को मात देते हुए पहला स्थान पाया था। जिससे वह इंटरनेशनल रोबोकॉन स्पर्धा के लिए चयनित हुई थी। इस टीम में जीटीयू की 9 कॉलेजों के 8 ब्रांच के 20 विद्यार्थी शामिल हैं। इससे पहले वर्ष 2020, वर्ष 2021 में भी जीटीयू की टीम ने इंटरनेशनल रोबोकॉन स्पर्धा में देश का प्रतिनिधित्व किया है। उस समय क्रमशः 5वां और नौवां स्थान प्राप्त किया था।

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મંત્રી ઋષીકેશ પટેલે ચંદ્રયાનનું જીવંત પ્રસારણ નિહાળ્યું

અઢી હજાર વિદ્યાર્થીઓ, કુલપતિ રાજુલ ગજ્જર, કુલસચિવ ડો.કે.જે.ખેરની સાથે બેસીને ચંદ્રની સપાટી પર સફળ લેન્ડિંગ નિહાળ્યું

ગાંધીનગર,તા.૨૩ ઇન્ડિયન સ્પેસ રિસર્ચ ઓર્ગેનાઈઝેશન (ઈસરો) દ્વારા ચંદ્રના દક્ષિણ ધ્રુવ પર સફળતાપૂર્વક લેન્ડિંગ કર્યું છે. ગુજરાતના ઉચ્ચ શિક્ષણ મંત્રી શ્રી ઋષિકેશ પટેલે અમદાવાદ ખાતેની ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી ખાતેથી મંડયાન-૩ લેન્ડિંગનું જીવંત પ્રસારણ આશરે અઢી હજાર વિદ્યાર્થીઓ વચ્ચે નિહાળ્યું હતું. ઉચ્ચ શિક્ષણ મંત્રીશ્રીને મંડયાન-૩ મિશનના વિજ્ઞાનીઓની ટીમે મંત્રી સાથેની પરિચય મુલાકાત પર તેના સફળ લેન્ડિંગ સુધી પોતાનું યોગદાન આપનાર પ્રત્યેક ભારતીયને અભિનંદન પાઠવ્યા હતા.તેમણે કહ્યું કે, વડાપ્રધાન શ્રી નરેન્દ્રભાઈ મોદીના નેતૃત્વ હેઠળ ભારત વૈશ્વિક ફલકમાં એક પછી એક સિદ્ધિઓ હાંસલ કરી રહ્યું છે, તેમાં આજે મંડયાન-૩નું સફળ લેન્ડિંગ વધુ એક સોનેરીપ્રિન્ટ બન્યું છે.

મંત્રીશ્રી ઉપસ્થિત વિજ્ઞાન સમુદાયને સંબોધતા જણાવ્યું હતું કે,

બુધવારે રાત્રીથી ગુરુવારે આખો દિવસ રક્ષાબંધન ઉજવી શકાશે

જીટીયુમાં ૧૬મા સ્થાપના દિનની ઉજવણી કરાઈ

જીટીયુમાં ૧૬મા સ્થાપના દિનની ઉજવણીનું આયોજન કરાયું હતું. સ્થાપના દિન નિમિત્તે એસ-વીવાયએએસએ યુનિવર્સિટીના કુલાધિપતિ ડૉ.એચ.આર.નાગેન્દ્રએ કહ્યું કે, યોગ થકી આપણે પર્સનાલિટી ડેવલપમેન્ટ અને દરેક કાર્યમાં પરફેક્શન મેળવી શકીએ છીએ. દરેક સ્ટુડન્ટ્સ યોગને અપનાવે તે જરૂરી છે. યોગ શરીરને સશક્ત બનાવે છે સાથે આત્મવિશ્વાસમાં પણ ઘણો વધારો કરે છે. જીટીયુના કાર્યકારી કુલપતિ પ્રો. ડૉ. પંકજરાય પટેલે કહ્યું કે, આજના સમયમાં સ્ટડીની સાથે ટેકનિકલ જ્ઞાનની જરૂરી છે. ટેકનિકલ જ્ઞાનનો પ્રચાર-પ્રસાર થાય તે ખૂબ જરૂરી છે.

Kudos: NAAC awards GTU A+ Grade

Praises varsity's infrastructure, academic ambience, well-qualified and committed teaching staff

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In its maiden application for accreditation, the Gujarat Technological University (GTU) was awarded A+ Grade by the National Assessment and Accreditation Council (NAAC) on Tuesday.

The NAAC team visited the GTU last week and inspected various facilities, infrastructure and academics for three days. After thorough evaluation, GTU was awarded 3.26 institutional CGPA and A+ Grade.

In-charge Vice Chancellor Pankajray Patel said, "This is the result of concerted efforts by the students and teachers." GTU officials said the NAAC team was all praise about the efficient functioning of the GTU

Innovation Council (GIC), active participation in start-up projects by the students and faculties and holding of seminars and workshops at various centres to keep students updated with latest skills and infrastructures in industries. Peer review report shared by the NAAC team listed out strengths, weaknesses, opportunities and challenges for the varsity at the end of inspection.

Challenges

- Transform the university as per NEP2020 norms
- Attach and retain experienced faculty
- Budgeting of more funds for students centric activity
- Centre for Career counselling and development be strengthened for supporting excellence in students progression

The team has praised the varsity's infrastructure and academic ambience, adequate and well-qualified and committed teaching staff, inclusive environment, Indian Knowledge System and Innovation Centre.

On the other hand, the committee also listed out the university's weaknesses as well as few areas where it can improve upon.

This is topped by requirement for adequate experienced faculty members, Inactive alumni association despite being registered, non-availability of trained manpower/coach for sports facility, need to improve placements, inadequate transport facility for students and inadequate on-campus residential facilities for students.

Highlighting opportunities for the GTU in the upcoming time, the peer review has listed out possibilities of exploring opening of new UG programmes in advance areas, strengthening infrastructure to harness potential of extracurricular sports activities and augmentation of external research grants, etc.

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બાયોટેક્નોલોજી વિષય પર વાત કરતા જીટીયુના કુલપતિ પ્રો. ડો. પંકજરાય પટેલે કહ્યું,

બાયોટેક્નોલોજી એ ફોરેન્સિક સાયન્સ અને મેડિકલ ક્ષેત્રે વર્તમાન સમયની જરૂરિયાત છે

જીટીયુ SAST દ્વારા બાયોટેક્નોલોજી વિષય ઉપર ત્રિ-દિવસીય નેશનલ વર્કશોપ યોજાયો

સિટી લાઇફ । ગુજરાત ટેક્નોલોજિકલ યુનિવર્સિટીની (જીટીયુ) વિવિધ પીજી સ્કૂલ દ્વારા સમયાંતરે ઔદ્યોગિક માંગ આધારિત વિષયો પર વિવિધ સેમિનાર અને વર્કશોપનું આયોજન કરવામાં આવે છે. તાજેતરમાં જ જીટીયુ સંચાલિત સ્કૂલ ઓફ એપ્લાઇડ સાયન્સ એન્ડ ટેક્નોલોજી (SAST) દ્વારા બાયોટેક્નોલોજી વિષય પર ત્રિ-દિવસીય નેશનલ લેવલના વર્કશોપનું આયોજન કર્યું હતું. આ સંદર્ભે વાત કરતા જીટીયુના કુલપતિ પ્રો. ડો. પંકજરાય પટેલે કહ્યું કે , ફોરેન્સિક સાયન્સ, મેડિકલ અને બાયો ઈન્ફોર્મેટિક્સ આ તમામ ક્ષેત્રે બાયોટેક્નોલોજી વર્તમાન સમયની જરૂરિયાત છે. આ પ્રકારના વર્કશોપથી વિદ્યાર્થીઓ ઈન્ડસ્ટ્રીઝની માંગ આધારિત આ ટેક્નોલોજીથી સતત અવગત રહે છે.

વિદ્યાર્થીઓએ DNA , RTPCR , RNA અને બાયો ઈન્ફોર્મેટિક્સનું જ્ઞાન મેળવ્યું

ગુજરાત સહિત દેશના વિવિધ રાજ્યોની કોલેજ અને યુનિવર્સિટીના રૂપથી વધુ વિદ્યાર્થીઓએ વર્કશોપમાં ભાગ લિધો હતો. આ દરમિયાન ડી.એન.એ., પી.સી.આર. આર.એન.એ. અને આર.ટી.પી.સી.આર. તેમજ બાયો ઇન્ફર્મેટિક્સની પ્રારંભિક તાલીમ સ્કૂલ ઓફ એપ્લાઇડ સાયન્સ અને ટેક્નોલોજીના અધ્યાપકો દ્વારા મેળવી હતી. ફોરેન્સિક સાયન્સ તેમજ વિવિધ રોગના નિવારણ માટે બનાવવામાં આવતી દવાઓના ડ્રગ્સની બેક્ટેરિયા પર થતી અસર બાબતે પણ વિદ્યાર્થીઓએ તાલીમ મેળવી હતી. બાયોટેક્નોલોજી, માઇક્રોબાયોલોજી, બાયો કેમિસ્ટ્રી, બોટની અને બાયોલોજિકલ સાયન્સ વિદ્યાશાખાના વિદ્યાર્થીઓએ ભાગ લીધો હતો. વર્કશોપ થકી બાયોટેક્નોલોજિકલ ક્ષેત્રે પ્રાથમિક અને ઉચ્ચતર સંશોધન સહિત ઔદ્યોગિક તેમજ એકેડમિક કારકિર્દી બનાવવા માટે પણ મદદરૂપ થશે.

UGCના ધરાધોરણ મુજબ IPRમાં પણ Ph.D. કરી શકાશે.

ઇન્ડસ્ટ્રીયલ પોલિસી એન્ડ પ્રમોશન વિભાગ દ્વારા જીટીયુ ખાતે IPR - ચેર સ્થાપવા માટે મંજૂરી

રીસર્ચર્સ અને ઈનોવેટર્સને પેટન્ટ ફાઈલીંગ કરવામાં માર્ગદર્શન મળશે : પંકજરાય પટેલ

અમદાવાદ, તા. ૨૦

રાજ્યની સૌથી મોટી ટેક્નોલોજીકલ યુનિવર્સિટી હોવાનું બહુમાન ધરાવતી ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી (જીટીયુ) , ટેક્નિકલ શિક્ષણ ક્ષેત્રે વિદ્યાર્થીઓ , ઈનોવેટર્સ અને રીસર્ચર્સ દરેક આયામ પર જ્ઞાન મેળવે તે માટે હરહંમેશ કાર્યરત રહે છે. જેના અનુસંધાને તાજેતરમાં ભારત સરકારના મીનીસ્ટ્રીઝ ઓફ કોમર્સ એન્ડ ઈન્ડસ્ટ્રીઝના ઈન્ડસ્ટ્રીયલ પોલિસી એન્ડ પ્રમોશન વિભાગ દ્વારા જીટીયુ ખાતે ઈન્ટલ એક્ચ્યુઅલ પ્રોપર્ટીઝ રાઈટ્સ (IPR) - ચેરની સ્થાપના કરવા માટે માન્યતા આપેલ છે. આ સંદર્ભે જીટીયુના કાર્યકારી કુલપતિ પ્રો. ડો. પંકજરાય પટેલે જણાવ્યું હતું કે , રીસર્ચ અને ઈનોવેશનના ધ્યેયને સાધક કરીને જીટીયુ ખરાં અર્થમાં ટેક્નોલોજીકલ યુનિવર્સિટી તરીકે ચરીતાર્થ થયેલ છે. IPR-ચેરની માન્યતાથી રીસર્ચર્સ અને ઈનોવેટર્સને પેટન્ટ ફાઈલીંગ કરવામાં વિશેષ માર્ગદર્શન મળી રહેશે. જીટીયુના કુલસચિવ ડૉ. કે. એન. ખેરે જીઆઈસી સીઈઓ પ્રો. તુષાર પંચાલ અને જીટીયુ આઈપીઆર સેકશન ઈન્ચાર્જ પ્રો. રવિ પટેલને આ બદલ અભિનંદન પાઠવ્યા હતાં. IPR-ચેરની સ્થાપનાથી આગામી દિવસોમાં રીસર્ચર્સ અને ઈનોવેટર્સ યુજીસીના ધરાધોરણો મુજબ, IPRમાં પણ Ph.D. કરી શકશે. આ ઉપરાંત જીટીયુ અને ઈન્ડિયન પેટન્ટ ઓફિસ સંલગ્ન ૨ થી ૬ સપ્તાહનો ઈન્ટર્નશિપ પ્રોગ્રામ પણ જીટીયુ ખાતે કરી શકાશે. સમગ્ર દેશમાં કુલ ૧૯ શૈક્ષણીક સંસ્થાઓ અને યુનિવર્સિટીને IPR-ચેર સ્થાપવા માટે કેન્દ્ર સરકાર દ્વારા માન્યતા મળેલ છે. ગુજરાતમાં જીટીયુ સહિત એમ.એસ. યુનિવર્સિટી , સૌરાષ્ટ્ર યુનિવર્સિટી , અને આઈઆઈટી ગાંધીનગરને પણ માન્યતા મળેલ છે.

જીટીયુ અને ઈન્ફોસીસ વચ્ચે ઈમર્જિંગ ટેક્નોલોજી ક્ષેત્રના ૧૨૦૦૦ કોર્સ અંતર્ગત એમઓયુ કરાયા

અમદાવાદ, મંગળવાર

રાજ્યની સૌથી મોટી ટેક્નોલોજીકલ યુનિવર્સિટી તરીકે નામના મેળવનાર અને વિદ્યાર્થીઓના સર્વાંગી વિકાસ માટે સતત કાર્યરત રહેનાર ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી (જીટીયુ) દ્વારા વિવિધ વિષયોને સાંકળીને વિદ્યાર્થીમાં સ્કિલ આધારીત કોર્સની જાગૃકત્તા કેળવાય તે હેતુસર વિવિધ કંપની સાથે એમઓયુ કરવામાં આવે છે. તાજેતરમાં જ જીટીયુએ ઈન્ફોસીસ સ્પ્રીંગ બોર્ડ સાથે ઈમર્જિંગ ટેક્નોલોજી ક્ષેત્રના ૧૨ હજાર કોર્સ અંતર્ગત એમઓયુ કર્યા છે. આ સંદર્ભે જીટીયુના કાર્યકારી કુલપતિ પ્રો. ડો. પંકજરાય પટેલે જણાવ્યું હતું કે, ગ્લોબલાઈઝેશન કારણે આંત્રપ્રિન્યોર્સ અને પ્રોફેશનલ્સ માટે સ્કિલ આધારીત અનેક તકો ઉપસ્થિત થયેલ છે. આ એમઓયુ થકી વિદ્યાર્થીઓની સ્કિલમાં વધારો થશે. જે આત્મનિર્ભરભારત અભિયાનને વેગ પૂરો પાડશે. આ એમઓયુ પર જીટીયુના કુલસચિવ ડૉ. કે. એન ખેર અને ઈન્ફોસીસ સ્પ્રીંગ બોર્ડના એજ્યુકેશન ટ્રેનિંગ એન્ડ એસેસમેન્ટના સિનિયર વાઈસ પ્રેસિડેન્ટ થીરૂમાલા આરોહીએ હસ્તાક્ષર કર્યા હતાં.

જીટીયુ ઈન્ટીગ્રેટેડ ટ્રેનિંગ એન્ડ પ્લેસમેન્ટ સેલના હેડ ડો. કેયુર દરજીએ જણાવ્યું હતું કે, આ એમઓયુ થકી ઈન્ડસ્ટ્રીઝની જરૂરીયાત આધારીત સ્કિલ બેઝ્ડ અને રોજગારલક્ષી કોર્સ શરૂ કરાશે. નવી રાષ્ટ્રીય શિક્ષણ નીતિ અંતર્ગત ચોઈસ બેઝ્ડ ક્રેડિટ કોર્સનો પણ લાભ વિદ્યાર્થીઓને મળશે. આ ઉપરાંત ઈન્ફોસીસ સ્પ્રીંગ બોર્ડના તજજ્ઞો દ્વારા વિવિધ વિષયો પર સમયાંતરે ટ્રેનિંગ પૂરી પાડવામાં આવશે. જ્યારે એન્જિનિયરીંગ કરતાં વિદ્યાર્થીઓને પણ ઈન્ટર્નશિપનો લાભ પણ મળવાપાત્ર રહેશે. AI, IOT, ડિજીટલ ટેક્નોલોજી, સાયબર સિક્યોરીટીઝ, ડિઝાઈન થિંકિંગ આ ઉપરાંત ફાઈનાન્સ, H.R., માર્કેટીંગ જેવી શાખાના અન્ય સ્કિલ બેઝ્ડ કોર્સ પણ વિનામૂલ્યે જીટીયુ સંલગ્ન તમામ કોલેજના વિદ્યાર્થીઓને ભણાવવામાં આવશે. જેની જાગૃકત્તા અર્થે, આગામી જુલાઈ માસમાં વિવિધ કોલેજના વિદ્યાર્થીઓ અને હેડ માટે જીટીયુ દ્વારા વેબીનારનું આયોજન કરવામાં આવશે.

New GTU VC to focus on bringing in automation, AI, internationalisation

RITU SHARMA
AHMEDABAD, AUGUST 7

Prof Rajul K Gajjar is GTU's first female VC.

THE GUJARAT Technological University (GTU) Ahmedabad will work around ways to address the pain point of a higher merit student taking an exam designed for lower merit students, said Prof Rajul K Gajjar who took over as the first female Vice-Chancellor of the varsity on August 4.

"I know what the pain point is.. It is 'why should a highest merit student sit in an exam that is designed for the lowest merit student?' We will find good, smart ways (to address the issue). With Artificial Intelligence (AI), everything is possible," Gajjar told The Indian Express. Prior to taking charge as GTU VC, she was serving as the principal of LD College of Engineering Ahmedabad (LDCE), affiliated to GTU.

On July 31, The Indian Express reported that the state government was planning to give in to the demand of LDCE for autonomy of engineering colleges and allow government engineering colleges to operate under an autonomous structure.

On the de-affiliated institutes from GTU, the new VC said she looks to create a place that others would be "envious of" and would feel the need to collaborate with. She is hopeful of improving the presence of GTU that has been on a decline. "We can talk and ex- ing forward their curriculum and their systems. We would be there to help them create that platform. It is not about breaking away. To create your individual systems for exams and degrees is resource exhaustive. Why would they want to do that? You can, in fact, expand the whole situation whereby, maybe, some of the autonomous universities would want to collaborate with us. We let them define what it is that they think they are capable of doing on their own vis-a-vis what it is they want us to do," Gajjar, whose forte is in research, added.

However, many technical institutes have de-affiliated from GTU in the past five years as the number of institutes affiliated to GTU declined from 425 in 2018-19 to 344 in 2022-23.

The state technical university lost most of these institutes to private varsities citing de-affiliation brings freedom, especially in de- students from Science stream who are eligible for these seats. So, we have to start with that — create more STEM (seats) so you have a larger pool of students," she said, adding, "Also, the proliferation has been just too much. People think let us start colleges, courses and we will get students. So, we need to rethink on both hands."

She believes that the recent restructuring of engineering seats by the education department has helped address this issue. The exercise is about what the needs of the industry are and what is not working.

"For instance, any private college that closed down all the EC (electronics and communications) and increased all the Computer Science and IT seats may have to go back and restructure for EC. I was talking to an expert of semiconductors recently on what you would need in the near future. Chemical engineers came out as the answer. I didn't know that. Pharma and chemicals go hand in hand and pharma and chemicals are the entire strength of Gujarat," she added.

Prof Gajjar shared that her priorities will be strengthening the systems in place and bringing in more automation and Artificial Intelligence (AI) along with research and international standards, in addition to internationalisation.

"It is not just about rankings within the country. We need to

જીટીયુ જીસેટ ખાતે એકેડમિક ઈન્ડસ્ટ્રીઝ મીટ યોજાઈ

૨ થીમ પર કરવામાં આવેલ પેનલ ડિસ્કશન માં એકેડમીક અને ઈન્ડસ્ટ્રીઝના ૪૪ થી વધુ તજજ્ઞો જોડાયા

ન્યાયદર્શન.અમદાવાદ,

વર્તમાન સમયમાં ટેક્નોલોજી અને ટેક્નોક્રેટ્સે સમન્વય સાથીને કાર્યરત રહેવું અતિ આવશ્યક છે. જેના થકી ઈન્ડસ્ટ્રીઝની માંગ આધારિત જરૂરિયાતો પૂરી કરવામાં સરળતા રહે છે. ટેક્નોક્રેટ્સ પણ આ પ્રણાલી થી અવગત થાય અને તેને અનુસરે તે હેતુસર, તાજેતરમાં ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી સંચાલિત ગ્રેજ્યુએટ સ્કૂલ ઓફ એન્જિનિયરીંગ એન્ડ ટેક્નોલોજી (જીસેટ) દ્વારા એકેડમિક ઈન્ડસ્ટ્રીઝ મીટ - ૨૦૨૩નું આયોજન કરવામાં આવ્યું હતું.

આ પ્રસંગે જીટીયુના કાર્યકારી કુલપતિ પ્રો. ડો. પંકજરાય પટેલે જણાવ્યું હતું કે, નવીનતમ ટેક્નોલોજીથી વિદ્યાર્થીઓ અને ફેકલ્ટીઝને હરહંમેશ અવગત રહેવું અનિવાર્ય છે. આ પ્રકારની એકેડમીક મીટ ટેક્નોક્રેટ્સ અને ઈન્ડસ્ટ્રીઝ વચ્ચે સકારાત્મક સેતુનું કાર્ય કરે છે. જે સ્ટાર્ટઅપ ઈન્ડિયા અને આત્મનિર્ભર ભારત અભિયાનને પણ વેગવંતુ બનાવશે. જીટીયુના કુલસચિવ ડૉ. કે. એન. ખેર, જીસેટ ના ડાયરેક્ટર પ્રો. ડૉ. એસ. ડી. પંચાલ , ડિપાર્ટમેન્ટ ઓફ એન્જિનિયરિંગના ડિન ડૉ. જી.પી. વડોદરીયા , IIT ગાંધીનગરના એડવાઈઝર નિર્મલ ઝા , ગેશીયાના ડાયરેક્ટર અને ચેરમેન પ્રણવ પંડ્યા સહિત ઈન્ડસ્ટ્રીઝના ૪૪ થી વધુ તજજ્ઞો આ પ્રસંગે હાજર રહ્યા હતા. જુદી- જુદી ૨ થીમ જેવી કે , " ચેલેન્જીસ ઓફ ટેક્નિકલ ઈન્સ્ટિટ્યુશન્સ ટુ મીટ ઈન્ડસ્ટ્રીઝ રીક્વાયમેન્ટ ઈન ધ વ્યુવ ઓફ ચેન્જીંગ ડાયનેમિક્સ ઓફ એકેડેમીયા" અને "રોલ ઓફ ઈન્ડસ્ટ્રીઝ ટુ ઈમ્પ્રુવ એમ્પ્લોપ્બીલીટી એન્ડ ટુ પ્રમોટ ઈનોવેશન એન્ડ એન્ટરપ્રેન્યોરશિપ એટ ટેક્નિકલ ઈન્સ્ટિટ્યુશન્સ" પર પેનલ મેમ્બર્સ દ્વારા ચર્ચા વિચારણા કરવામાં આવી હતી.

જીટીયુ દ્વારા નેશનલ ઈન્સ્ટિટ્યુશનલ રેન્કિંગ ફ્રેમવર્ક (NIRF) અને રાષ્ટ્રીય પર બે દિવસીય વર્કશોપનો અહેવાલ

જીટીયુએ સંયુક્ત રીતે નેશનલ ઈન્સ્ટિટ્યુશનલ રેન્કિંગ ફ્રેમવર્ક (NIRF) પર બે દિવસીય વર્કશોપનું આયોજન કર્યું છે અને નેશનલ બોર્ડ ઓફ એક્રેડિટેશન (NBA) ગુજરાત સરકાર, કમિશનરેટ સાથે સંયુક્ત રીતે ઉચ્ચ તકનીકી શિક્ષણ (CTE) અને આંતરિક ગુણવત્તા ખાતરી સેલ (IQAC)-GTU. નો મુખ્ય ઉદ્દેશ્ય આ વર્કશોપ ડિપ્લોમા અને ડિગ્રીની સરકારી અને SFI સંસ્થાઓને મજબૂત બનાવવાનો છે

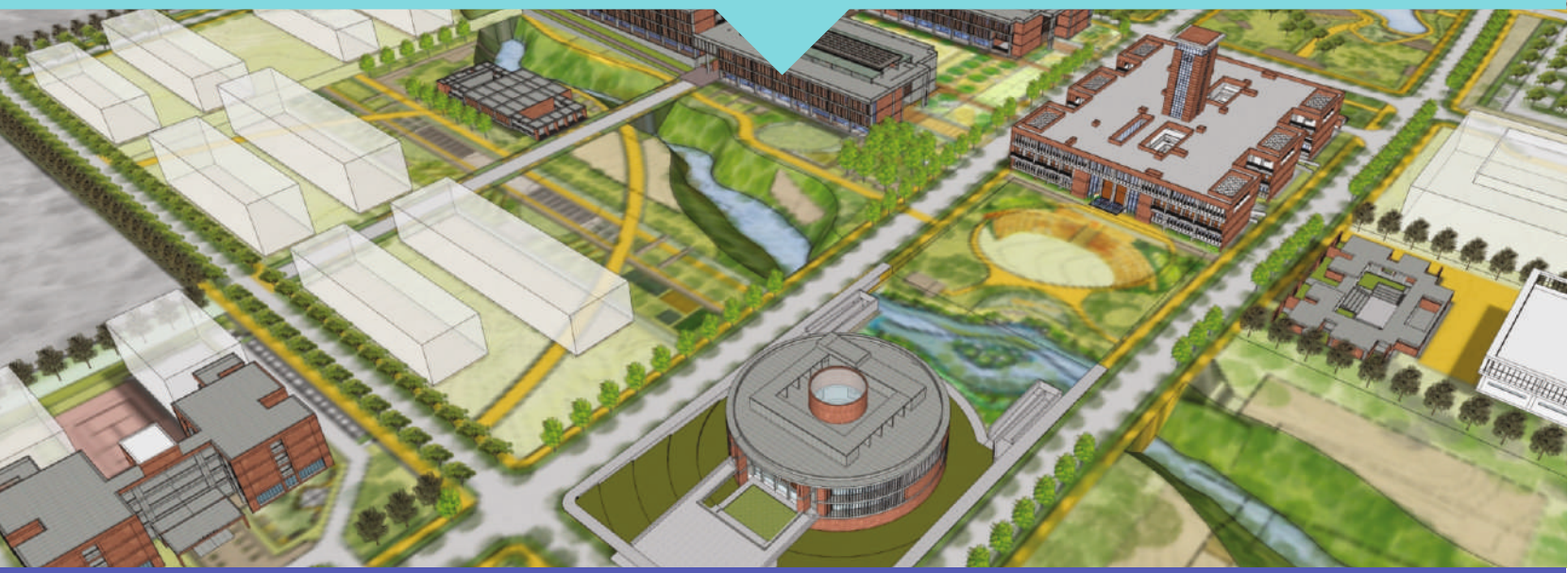
ગુજરાત ટેક્નોલોજીકલ યુનિ.અને મુંબઈની ઓસ્ટીક ફાર્મા કંપની વચ્ચે ટેક્નોલોજીકલ આપ-લે માટે કરાર

ન્યાયદર્શન.અમદાવાદ,

ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી અને આરોગ્યની કાળજીના ક્ષેત્રમાં કામ કરતી અને આઈ. આઈ. ટી., મુંબઈની સ્ટાર્ટ-અપ કંપની ઓસ્ટીક ફાર્મા વચ્ચે નિદાન માટે યોગ્ય સુવિધા મળી રહે તે માટે ટેક્નોલોજીકલ જ્ઞાનની આપ-લે કરવા માટે દ્વિપક્ષીય કરાર કરવામાં આવ્યા છે. ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટીની સ્કૂલ ઓફ એપ્લાઈડ સાઈન્સીસ એન્ડ ટેક્નોલોજીનાં સાંસોધકો પ્રા. ડૉ. દોલત સિંહ ઝાલા અને એસોસિયેટ પ્રોફેસર અને પી.એચ.ડીના વિદ્યાર્થી કાર્તિક ચૌહાણ તેમજ તેમના સાથીદારો દ્વારા નિદાન માટે જે નવીનતમ ટેક્નોલોજી વિકસાવવામાં આવી છે અને ભારત સરકાર દ્વારા જેને પેટર્ન આપવામાં આવી છે તેનો શ્રેષ્ઠ રીતે સમાજ માટે ઉપયોગ થાય તે માટે આ આપ-લે નાં કરાર કરવામાં આવ્યા છે.

ઓસ્ટીક ફાર્મા પ્રા.લિ.ના ડાયરેક્ટર ડૉ. વિનય સૈની એ આ અંગે આનંદ વ્યક્ત કરતા જણાવ્યું હતું કે આ નવીન ટેક્નોલોજી ભારત ઉપરાંત આફ્રિકા, લેટિન અમેરિકા, અને એશિયાના દેશોમાં ભરપૂર પરિવર્તન લાવવાની શક્યતા ધરાવે છે. અમારે ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી સાથે આ અંગે દ્વિપક્ષીય કરાર થયા છે તે આત્મનિર્ભર ભારત બનાવવા તરફની ગતિ નું એક અગત્યનું કદમ છે. સ્કૂલ ઓફ એપ્લાઈડ સાઈન્સીસ એન્ડ ટેક્નોલોજી ના ડાયરેક્ટર અને ટેક્નોલોજી ટ્રાન્સફર સેલના ડાયરેક્ટર ડૉ. વૈભવ ભટ્ટે આ તબક્કે જણાવ્યું હતું કે ભારતને આર્થિક ક્ષેત્રે હરણફાળ ભરવા માટે લેબોરેટરીમાં જે સંશોધન થાય તેને ઉદ્યોગ સુધી પહોંચાડવું ખૂબ જરૂરી છે અને તે કામ આ કરાર દ્વારી થયું છે. ગુજરાત ટેક્નોલોજીકલ યુનિવર્સીટીના કુલપતિ ડૉ. રાજુલ કે. ગજ્જરે આ પ્રસંગે જણાવ્યું હતું કે ગુજરાત ટેક્નોલોજીકલ યુનિવર્સિટી પ્રતિભાશાલી સંશોધકોની સિખી અને હેલ્થ કેર ટેક્નોલોજી ને આગળ વધારવામાં યોગદાન આપવા માટે ગૌરવ અને લાગણી અનુભવે છે. ઓસ્ટીક ફાર્મા સાથેનો આ સહયોગ ઈનોવેશનને પ્રોત્સાહન આપવા માટે અને આધુનિક સંશોધન દ્વારા વાસ્તવિક વિશ્વને શક્તિ આપવા માટે અમારી પ્રતિબદ્ધતા વ્યક્ત કરે છે.

Proposed Campus *of* **Gujarat Technological University** *at* **Lekawada** - Gandhinagar



Gujarat Technological University

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