



ANNUAL CONVOCATION

Thursday
2nd February 2023

University Report

1st Rank in Gujarat and 7th Rank Amongst
All Government Universities of India - 2021



QS I. GAUGE E-LEAD
Certificate - 2020



1st Rank Amongst
All Universities
of Gujarat - 2021



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GTU SONG

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

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

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

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

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

Message from Shri Rushikesh Patel, Hon'ble Minister



શ્રી રુષિકેશ પટેલ



ક્રમાંક : આ.પ.ક.ત.શિ./ઉ.તાં.શિ./કા./ન્યા.વૈ.સં./16/2022
મંત્રી,

આરોગ્ય, પરિવાર કલ્યાણ અને તબીબી શિક્ષણ,
ઉચ્ચ અને તાંત્રિક શિક્ષણ, કાયદો, ન્યાયતંત્ર,
વૈધાનિક અને સંસદીય બાબતો

ગુજરાત સરકાર

સ્વર્ણિમ સંકુલ-૧, બીજો માળ,

સચિવાલય, ગાંધીનગર-૩૮૨૦૧૦

તારીખ : 29 DEC 2022

MESSAGE

It gives me immense pleasure to know that Gujarat Technological University is organizing its 12th annual convocation. I congratulate all the students who have earned highly valuable degrees. India has high expectations from young graduates who are ready to serve the nation.

GTU has achieved many milestones in a short period. Receiving awards in various categories from several organizations indicates the progressive work done by the university in all spheres.

I came to know that Gujarat Technological University has taken several initiatives for implementing the National Education Policy - 2020 in terms of introducing a multidisciplinary approach, translating technical books into the Gujarati language, attracting foreign students to study in Gujarat, and many more.

I am sure that Gujarat Technological University shall continue its efforts in the direction of sustainable development of society.

I extend my best wishes to all the stakeholders of the university on this auspicious occasion.

(Rushikesh Patel)

Message from Dr. Kuberbhai Dindor, Hon'ble Minister



Dr. KUBERBHAI DINDOR



No.Min./Tri.Dev./Edu./ shu-09

**MINISTER,
Tribal Development, Primary,
Secondary & Adult Education,
Government of Gujarat**

1st Floor, Swarnim Sankul-1,
Sachivalaya, Gandhinagar-382010.

Phone No. : (0) 079-232-50129/38075

Fax No. : 079-23250306

E-mail: min-education@gujarat.gov.in

Date : 03-01-2023

MESSAGE

I am pleased to know that **Gujarat Technological University** is organizing its 12th annual convocation. This is a remarkable day in the life of a student as they begin a new journey after getting their degree from the university. On this significant day, I congratulate all the students who have earned highly valuable degrees.

I also extend my heartiest congratulations to the parents of all those students who are receiving degree certificates during this convocation. Students can play an important role in improving and strengthening society. Studying is the main occupation of students. But, being youthful and energetic, they can engage themselves in various forms of social work in their spare time, and in moments of crisis.

I would like to congratulate **Gujarat Technological University** for its initiatives and achievements.

My best wishes for the convocation.

(Dr. Kuberbhai Dindor)

To,
Dr. Pankajray Patel,
In Charge Vice-Chancellor,
Gujarat Technological University, Chandkheda, Ahmedabad.

Message from Shri Praful C. Pansheriya, Hon'ble Minister of State



PRAFUL PANSHERIYA



सत्यमेव जयते

No. : MOS/PA/PS.AE.H.EDU/VIP- 37 / 2022

Minister of State

**Parliamentary Affairs, Primary,
Secondary and Adult Education,
Higher Education,**

Government of Gujarat

Swarnim Sankul-2, 1st Floor,
Sachivalaya, Gandhinagar-382010.

Date : 28 DEC 2022

MESSAGE

I congratulate the graduating students, gold medal winners, faculty members, parents and staff members of Gujarat Technological University on the occasion of its 12th Convocation. Students are always considered as one of the important pillars of the education ecosystem as they play a significant role in a country's progress.

I am glad to know that Gujarat Technological University is taking all necessary initiatives to nurture the innovative and creative ideas of students by providing the Startup support system.

I would like to congratulate staff members of the University for performing their duties in order to create a better world.

I extend my heartiest congratulations to all the stakeholders of the university.
My best wishes for the convocation.

(Praful Pansheriya)

Report by Vice Chancellor (I/C)



Namaskar

Honourable **Shri Acharya Devvratji**, Governor of Gujarat and Chancellor, Gujarat Technological University; **Shri Rushikesh Patel**, Hon'ble Minister, Health and Family Welfare and Medical Education, Higher and Technical Education, Law, Justice, Legislative and Parliamentary Affairs; **Shri Praful Pansheriya**, Hon'ble Minister of State, Parliamentary Affairs, Primary, Secondary and Adult Education, Higher Education; **Prof. Rajat Moona**, Director, Indian Institute of Technology, Gandhinagar; **Shri S. J. Haider**, IAS, Principal Secretary, Higher & Technical Education; **Dr. K. N. Kher**, Registrar; members of the Board of Governors, Finance

Committee, Academic Council, Research Council, Board of Studies, Deans, Associate Deans, Advisors, Trustees/ Directors/ Principals of Affiliated Institutions, invited Guests from Industries, Parents, Faculty Members, Students, Staff and invitees. I feel privileged to welcome you all to the 12th convocation of the university. I congratulate all the students who are going to receive the degree at this convocation. I also congratulate the faculty members and parents of these students for extending required support and guidance.

AWARDS & RECOGNITIONS

I am delighted to share that university has received several awards under various categories -

- Gujarat Technological University has received an award for Green University in Platinum Category on 18th January, 2022 from the Green Mentors (Special Consultative Status with the Economic and Social Council of United Nations from 2021).
- Certificate of District Green Champion for Ahmedabad is also received by GTU from Ministry of Education, Govt. of India

I am delighted to share that university has received several awards under various categories -

- GTU received 'Best Technical Fest Award' in India STEM Summit & Awards 22.
- GTU-GSET received Best Engineering College in West India 2022 award during 19th Rashtriya Shiksha Gaurav Puraskar Ceremony - 2022 which was organized by Center of Education Growth and Research (CEGR) at Bengaluru on 22nd December 2022.
- CEGR recognized GTU- Graduate School of Management Studies (GSMS) with Best Management College in West India 2022.

ACADEMIC REFORMS

Internal Quality Assurance Cell (IQAC), GTU has taken many initiatives -

“VISHESHAGYA” - A Mentor for Accreditation Scheme for affiliated Institute: Till date total **22 institutes** across Gujarat have been allotted **15 mentors** for providing Mentoring support for NBA/NAAC Accreditation.

- **Research Promotion Scheme for Minor Research Project (RPS-MRP)**: Till date total. **10, 56,000/-** were disbursed by the University as a RPS-MRP grant amongst **27 Teachers of 12 different affiliated institutes**.
- **Seed Money Scheme (SMS)**: Till date total. **20, 03,125/-** were approved by the University as a SMS grant amongst **21 Teachers and 8 Students**.
- **Financial Assistance Scheme for Teachers (FAST)**: Till date total. **1, 90,000/-** were disbursed as a Financial Assistance to the **18 Teachers**.
- **Staff Recognition Scheme (SRS)**: Till date total **40 staff members** were benefited by the scheme and total **2, 65,000/-** were disbursed as a Financial reward to them.

- **Performance Appraisal Report for Teaching Staff (PART):** To evaluate the holistic performance of every Teachers of the university, GTU has introduced PART Policy, which is based on AICTE 360 Degree evaluation pattern as well to follow the UGC Research Score criteria (Key Performance Indicators).
- **“NISHTHA” Faculty Capacity Building Program:** IQAC, GTU has organized Faculty Capacity Building Program “NISHTHA” - Noble Initiative to SHarpen Teacher's Holistic Abilities. Different aspects of teacher's abilities like Pedagogy and Active Learning, Effective Communication Skills, Student Handling and Counseling, Effective Classroom Management, Fun and Learn, Technical Writing, and Developing Research Proposal were covered by the different expert.

INITIATIVES TOWARDS IMPLEMENTATION OF NEP-2020

- **Expert Sessions and Workshops:** IQAC, GTU has organized workshops where renowned NAAC Peer Teammembers were invited to accelerate the NAAC Accreditation Process of the University.
- **Outcome Based Education (OBE):** To promote Outcome Based Education (OBE) in the University and amongst the teachers of different Schools of University every Saturday an expert session is conducted by the Dr. S.D Panchal, Head IQAC and Professor & Director, GSET, GTU.
- **UG / Diploma Book Translation in Gujarati Language:** As per 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 GTU. 20 books of first year are ready in Gujarati language & translation work on 88 books of second year is going on.
- **Dharohar - Centre for Indian Knowledge System:** The centre started functioning in August 2021 and launched Certificate courses in IKS since September 2021. Two batches of Short-Term certificate courses were completed during the year 2022. In the first batch, 12 courses including Study of Vedas, Purana, Upanishad, Kautilya's Arthshastra, and Bharatnatyam and in the second batch, GTU introduced and completed 6 certificate courses, 1 FDP in Vedic Ganit-Shastra for Engineering Faculty, One Year Post- Graduate Diploma Course on Indian Heritage and Cultural Tourism Management with RFRF, Nagpur and Graduate Diploma in Hindu Culture and Studies in association with Hindu Council of Australia.
- **Bharat-Tirth Lecture Series:** Dharohar also started a unique initiative called “Bharat-Tirth Lecture Series” under which stalwarts of various fields had been invited. Dr. Vidyadhar Vaidya, an expert in Meteorology Dr. Bhujang Bobde from RFRF, Nagpur, Dr. Ritendra Sharma from Indus University and Dr. Mitul Trivedi, a Scientist from NASA and ISRO had enlightened the large academic audience on various scientific advancement and Indian Culture related topics.
- **PG School Of IKS** As Dharohar was getting momentum and around 1500 students took benefit of the center, GTU took timely decision to start a PG School of IKS so that the students who complete their PG Programme can think about taking up research projects in near future.

INTERNATIONALIZATION & COLLABORATIONS

International Experience Program 2022: A total number of 83 students of Engineering & Pharmacy participated in IEP 2022. GTU sponsored the academic cost of teaching for all the students at Laurentian University, Sudbury, Canada.

Foreign Student Cell: In the current academic year GTU has received more than 2000 applications through ICCR for admission into various courses offered by GTU. Out of these applications, 103 foreign students from 24 countries have been given admission in A.Y. 2022-23 at various affiliated institutes at GTU & GTU PG schools.

International Scholarship Program:

- 2 students were selected for the Charpak Lab Scholarship in France for May-July 2022 duration.
- 2 students were selected for AICTE-Mitacs Scholarship in Canada for May-July 2022 duration.

Interaction with Foreign Universities/Delegations: Meeting with Verna University of Management Bulgaria, delegation from Government of Mozambique, delegation from University of Cape Coast, Ghana and delegation from Laurentian University, Canada were also conducted to boost academic collaboration.

MoUs: In 2022, GTU signed 17 MoUs with various prestigious institutes to explore new avenues.

GTU INNOVATION COUNCIL

- GISC-GTU (GTU Innovation and Startup Center) works as an interface between innovators, industries and academia members to drive the needs of the ecosystem stakeholders on a regional, state, national and global level. It has supported more than 500 startups with a financial outlay of approximately INR 15 crores.
- AIC – GISC foundation is selected under Startup India seed fund scheme as Approved Incubator to support the startups/Innovation (2 Cr for 5 years –February -2022).
- AIC – GISC Foundation is approved as a Host institute under MSME Champion Scheme by the MSME, Government of India to support Startups/Innovation. (Upto 15 lakhs Funding assistance is available for the startups and under MSME Hackathon 1.0 two startups got approval of Rs. 27.25 lakhs of financial assistance.)
- AIC – GISC Foundation is approved as Nodal Institute under scheme for assistance for startup/ Innovation 2020 of Industries & mining department of Government of Gujarat to support startup and innovations (up to 40 lakhs/startup, March - 2022).
- Supporting 10+ in house startups having female lead or female co-founder. On boarded 7 new Startups with AIC - GISC with several innovative ideas and impacts.
- Co-conducted Women startup event “ANWESHA” across Gujarat (5 Cities) to promote women entrepreneurs.
- AIC - GISC's 6 Women entrepreneurs (Startup founder/co-founder) got placed in Atal Innovation Mission's book “75 Womenpreneurs of India ” published by AIM, NITI Aayog, Gol.

POST GRADUATE DEPARTMENTS

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

- Major activities organized were Academia Industry Meet (AIM-2022), Multidisciplinary International Conference (GTU ICON-2022) and 84 technical & Non-technical seminars /trainings/ FDPs.
- Faculty members and students attended 52 seminars /trainings/ FDPs.
- Average Placement of GSET is 60%.
- Centre/Lab Establishment:
 - ü Establishment of Centre of Excellence for Block chain technology with the support of Gujarat Government. (Grant 1cr.),
 - ✓ Establishment of AICTE Idea lab with the support of AICTE (Grant 1.1cr) and
 - ✓ Establishment of Cyber Security and Digital Forensics lab at institute.
- Total 24 publication in reputed journal/ conferences by faculty members.
- Director of Excellence Award-2022, senior IEEE membership, appreciation from Patan Police and Ahmedabad Crime Branch for technical assistance to solve cyber-crime cases etc. were received by Director and Faculty members.

(ii) Graduate School of Management Studies (GSMS)

- In its 5 years of existence, it has added more than 150 professionals in the International Business arena and also created 25 plus start-ups through its three batches of MBA (Innovation, Entrepreneurship and Venture Development) students.
- GSMS has started Bachelor in Business Administration (BBA) and Post-Graduate Diploma in Hospital Management programmes with an intake of 30 and 15 respectively in the A.Y. 2022-23.
- 20 international students from 5 plus countries are pursuing their MBA (International Business) programme across two different batches at GSMS.
- GSMS MBA (IEV) students have won prestigious awards in various competitions of start-ups and innovation such as Udaan 2.00: Idea Competition 2022, Techstars Startup, Coimbatore, SDG Quiz 2022 at Sultan Idris University, Kuala Lumpur, Malaysia.
- MBA (IEV) students received grants of approximately INR 15 lakhs in the year 2022.
- GSMS organized AICTE – GTU Sponsored Online FDP on Technology Applications in Finance (FinTech) from March 07 - 12, 2022.
- GSMS organized an “Aarogyam-Prabandham-2022 (A one-day conclave) on “The New Era of Healthcare” under PGDHM programme on the occasion of “Good Governance Day”.
- Faculty members of GSMS have published 9 papers in SCOPUS/WoS/UGC-Care journals. They also participated in various national and international conferences having presented 10 plus papers.
- Faculty members of GSMS have scheduled 15 plus guest sessions in various courses.
- GSMS having believed in the holistic development of students organized various activities under its flagship events - “Aarohan 2022 – The Sports Fest”, “Avsar 2022 – Management Days Celebration Week”, “Avdharna 2022 – National Level Ideathon”, Abhigam 2022” – an orientation program for incoming students of BBA, MBA (IB), MBA (IEV), PGDDM and PGDHM and “Adhigam 2022 – Career Development Workshop”.
- GSMS also organized “Abhilakhsya 2022 - a state-level Management Fest” on 12th October, 2022. From all across the state, about 250 students from Engineering, Management and other streams participated in various events.
- GSMS has introduced a Value added Course on “Professional Development & Employability Skills” for the second year students of all the PG schools.

(iii) Graduate School of Pharmacy (GSP)

- The Agilent India Pvt. Ltd., a US-based MNC company, has established an "Agilent Centre of Excellence" in the field of Analytical and Life Sciences as a gratitude for the social service provided by the Graduate School of Pharmacy in corona pandemic.
- The GSP staff awarded and granted five patents in last academic year.
- The GSP had provided the consultancies from the 8 Industry projects and 25 academic projects under the public testing laboratory facilities at GTU GSP.
- GSP students, under the guidance of Dr. Kashyap Thummar, have helped to raising awareness about the usage of handmade wheat flour instead of commercial flour to prevent fatty liver disease.
- A coffee table book “Medicinal Flora at Gujarat Technological University” prepared by Dr. Jigna Vadalía, Mr. Udaykumar Vegad, and Dr. Sanjay Chauhan of Graduate School of Pharmacy was released by Hon. Minister of Home and Cooperation, Shri Amitbhai Shah on the occasion of Bhoomi Pujan of new campus of GTU at Lekawada on 27/09/2022.

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

- SAST is a recent addition to the GTU portfolio since AY 2021 – 2022, and in the last year it has set several milestones specifically in the research and innovation domains
- SAST received 2 extramural major research grants (Rs. 85 Lakhs and Rs. 24 Lakhs, respectively) and 3 internal minor research grants (1 Lakh each)
- Additionally, the faculties have submitted 7 other research projects in various National funding agencies worth nearly INR 3 Cr.
- SAST faculties and PhD Scholars published >35 research articles in reputed International peer-reviewed journals, few including those in high impact journals of Frontiers, Springer and Elsevier publishers
- The published articles have reached a wide-audience globally last year, which is evident from the citations (>650) in the year 2022.
- In the innovations sector, one patent was granted and 3 patents were filed and published by the SAST Faculties
- In the Academic achievements, SAST initiated 2 new programs in the AY 2022-23
 - 1) Integrated M.Sc. Biotechnology with Specializations in Industrial, Marine & Medical Biotechnology (Intake: 30) and
 - 2) PG Diploma in Biomedical Technology (Intake: 10)
- SAST conducted 4 Hands-on training in the field of animal cell culture, bioinformatics and molecular biology, out of which 1 was in collaboration with Gujarat Biotechnology Research Centre (GBRC) Gandhinagar and 1 was conducted by SAST faculties at University of Petroleum & Energy Studies (UPES), Dehradun
- SAST also conducted Science Fair with the theme of Fun with Microbes to impart awareness about biotechnology in the group wherein 60 participants including 11th and 12th students participated. The Fair included fun experiments like DNA extraction from banana, agar art, VR and foldscope.
- Students of SAST were selected for Hands-on training at Central Institutes viz., CSIR-IGIB – Delhi and IIT – Gandhinagar.
- SAST also was awarded for participating in World Record – India for the longest scientific talk series of 75 lectures celebrating 75th Azadi ka Amrit Mahotsav.

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

- GPRI organized a five days review meeting for the Gujarati Edition of the pre-published Comprehensive Glossary, Engineering (English-Hindi).
- Total of 12 industries are invited for the placement of students. The highest offered package was Rs. 5 lakh pa.
- Students of GPRI participated in a mountaineering training camp organized by GTU from November 15th to 22nd at Mount Abu.
- Inter Zonal Yoga Competition of GTU was organized at GPRI Campus on 28th November 2022. A total of 70 students participated from 10 GTU-affiliated colleges.
- Students of GPRI attended Entrepreneurship Camp organized by ABVIMAS at Water Sports Centre, Pongdam Himachal Pradesh from 20th to 29th November 2022.
- As per the New Education policy – 2020, GPRI has started undergraduate programs (Mechanical, Civil, Electrical, and Computer) in Gujarati medium.
- Civil Engineering Department, GPRI has organized the Central GTU Techfest from 10th to 12th October 2022.

TRAINING AND PLACEMENT

Integrated Training and Placement Cell (ITAP), GTU organized 9th Centralized Pharmacy Placement fair jointly sponsored by Youth Development Pharmaceuticals Association (YDPA) on 11th & 12th June 2022 in which 68 companies offered 1500 vacancies and shortlisted 743 students.

- Total 500 students were shortlisted by 45+ companies in Centralized Engineering Placement Fair which was organized by GTU jointly sponsored by CADD Centre on 10th September 2022.
- Professional Development Program (PDP) was jointly organized by GTU and AICTE for GTU's Administrative staffs and Administrative Officers during 30th May 2022 to 13th June 2022 in which 34 experts provided training to 60 participants.
- Recruitment Drives: In 2022, ITAP-GTU executed various recruitment drives for students. Total 285 companies participated and 2665 vacancies were floated to institutes from Jan – Dec. 2022.
- Internship Drives: In 2022, ITAP- GTU has done Internship drives for students where 1210 students were registered and 2 companies selected 49 students.
- Centre for Career Counselling and Advancements (CCCA) under ITAP: This Centre works with the aim of providing counselling as well as mentorship to the students for various career development exams. GTU organized 3 weeks sessions from 2nd May 2022 to 20th May 2022 for students.

SPORTS, CULTURAL ACTIVITIES

- GTU organized '2nd GTU Sports Fest-22' at GTU Chandkheda Campus to promote sports activities.
- GTU participated as a Technology Partner in the 6th National Conference organized by Physical Education Foundation of India (PEFI) at New Delhi on 11th - 12th March 2022.
- Basic Rock Climbing Training Camp' was organized for 10 days where about 85 students from GTU affiliated institutions enthusiastically participated.

OTHER ACTIVITIES

- SAMVAD- 'The Happiness Centre' is established as a psychological counselling centre at GTU. The services of the center are provided to all the students, faculty members, and staff members.
- Renowned writer Ms. Sonalben Modi and Pabiben Rabari, entrepreneur were invited as guests for International Women's Day Celebration which was organized by Vidushee Gargi – Centre for Women Development on 8th March 2022.
- GTU Alumni Association has taken one more initiative to release the first issue of its biannual newsletter “समवाय एकत्र सदा” in December-2022 in GTU 2nd Alumni Meet “समवाय-2022” to highlight the achievements of some of their prominent alumni and to illustrate the university's overall advancement.

My thanks to all those who have contributed directly or indirectly in making 2022 such 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.

Bharat Mata Ki Jai...

Prof. (Dr.) Pankajray Patel

BOARD OF GOVERNORS (BoG)

Sr. No	Name with Designation	Member Status (with clause of Act)	
1	Dr. Pankajray Patel In-Charge 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	Chairman As per GTU Act Sec. 15 – 2(ii)	
3	Prof. (Dr.) Chetan B. Bhatt Dean - Gujarat Technological University, Ahmedabad, Gujarat	Chairman As per GTU Act Sec. 15 – 2(iii)	
4	Shri S. J. Haider, I.A.S Principal Secretary (Higher & Technical Education) Colleges & Universities, Government Of Gujarat, Gandhinagar	Ex-officio member As per GTU Act Sec. 15 – 2(iv)	
5	Smt. Manisha Chandra, I.A.S. Secretary (Expenditure), Finance Department, Government of Gujarat	Ex-officio member As per GTU Act Sec. 15 – 2(iv)	
6	Shri M. Nagarajan, I.A.S The Commissioner, Commissionerate of 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 K. S. Vasava 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	Dr. Pankajray Patel, In-Charge Vice Chancellor	Chairman
2	Dr. Deepak Srivastava, Professor, IIM Tiruchirappalli	Member
3	Dr. V. K. Srivastava Vice Chancellor, M.S. University	Member
4	Dr. Pramod M Padole, Professor, 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 Sarvajani 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, 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	Dr. Pankajray Patel, In Charge Vice Chancellor- GTU	Chairman
2	Prof. (Dr.) Sanjay Chauhan, Director, 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	Invitee Member
6	Dr. K. N. Kher, Registrar, GTU	Secretary

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

Message From Dean

“Education is simply the soul of a society as it passes from one generation to another...”

— G.K. Chesterton



Congratulations,

As the Dean, Faculty of Engineering let me take this opportunity to extend my sincere congratulations on your graduation from one of the state's most prestigious universities in the professional field of engineering and technology, as well as on your decision to attend GTU and entrusting us to shape your future. I'm wishing you good luck as you are about to start a new chapter in your life.

May you succeed in everything you attempt in the future. You are all unquestionably excellent and outstanding representatives of your respective faculties and university. Today, as you receive the degree of your dreams, I must add that in reality, for the colourful and energetic students of GTU, a degree is just the first step on the road to success. You will be able to reach new vistas with the unrivalled abilities and information you have gained during the training. Utilizing the abilities you have acquired along the way, there are still more milestones to be reached.

The road to achieving this was paved with a pandemic, but you overcame it, and we are all incredibly proud of you and wish you the best of luck in the coming years of your life. I must note that the university revised the curriculum in accordance with AICTE requirements. In order to gain industry exposure the final semester is organized as a full-time internship or project by working in the industry.

This will provide pupils the self-assurance they need to succeed in the workplace from the moment they start working after graduation. There are numerous challenges in everyday living during this epidemic phase. So, in order to become a successful engineer, it is important to develop skill sets that will fuel the industry's expansion. The university has given its students every opportunity for general improvement. In the age of frequent technological advancement, it is now the responsibility of the individual to keep themselves updated. So I urge everyone to be current with current events in order to become successful engineers. The updated curriculum would have focused not only on helping you develop your hard skills to the highest level, but also on bolstering your soft skills in order to help you all become successful individuals. The university aims to teach students how to distinguish between right and wrong, profundity and shallowness, values and passing trends, in addition to teaching them real skills.

Today marks a significant personal milestone for you. Each of you should be very proud not just of your academic achievement, but also your flexibility, resilience and determination in shifting to online learning during the worst phase of Covid-19. There is no doubt that you all will continue to foster as worthy ambassadors for the University by building upon our reputation for excellence. Every graduate of our prominent and esteemed university, in my opinion, is a clever, intelligent, capable, ambitious, and skilful individual. You must always stay on the path that leads to achievement. To all of the graduates, postgraduates, and especially the medal winners, a heartfelt Happy Graduation once again. I congratulate the proud parents as well and can connect to their unequalled joy.

Dr. Trupti S. Almoula
Dean, Faculty of Management**Message From Dean**

Warm greetings to one and all as we enter into a new calendar year 2023 - poised to record contributions from many more faculty members and students towards the National cause.

The year 2022 had major initiatives being taken up under the able leadership of the then Hon. Vice Chancellor - Prof. (Dr.) Navin Sheth. Innovations, Start-ups, Registration of Patents, Contributions to the community on various fronts like health, education, sports and culture, Business and Commerce, Research and Design, Teaching - Learning pedagogies etc.. All were at their fore and touched National heights and brought glory and fame to GTU and all its members.

In the whole process, students from across GTU affiliated Colleges, not only made remarkable and memorable contributions, but in addition, enhanced their personality traits in a big way. Their enthusiasm to fly high, explore the unexplored, expand the circle of happiness all through the communities around, re-connecting with their Indian traditions and knowledge systems, all this and much more is highly, highly appreciable. Faculty members too have responded and reciprocated to these high spirits exhibited by the students. The GTU systems and administration has created a culture of "do, keep doing and rest not till the ultimate goal of higher education is not achieved."

Amidst such great happenings, it gives me immense pleasure to share them all with all our great and most supportive stakeholders as part of GTU's annual report. Many of the students will also be receiving various awards and appreciations at the 12 Convocation! I congratulate them all for setting an example and setting benchmarks for others to achieve. I also congratulate all those who made an attempt to achieve their dreams though it may not have won them any award.

My Best wishes to one and all for the ensuing year and I appeal to all stakeholders to keep their enthusiasm as high and keep performing in the benefit of a larger community.

**Dr. Paresh Raval**
Dean, Diploma Engineering

I sincerely congratulate and wish best of luck to the passed-out students of professional courses of various colleges under GTU – 2022 batch. When you got the admissions in colleges Covid Pandemic has created a panic across the world, you have achieved your goal in this tough time through virtual mode or blended mode for education, making you an exceptional representative of the College and University. I have no doubt that you will continue to serve as worthy university ambassadors at the industry by building upon our reputation for excellence.

I sincerely appreciate the dynamic support by the faculties in shaping your career, parents who constantly supports you as well as to Industry as a stake holder at these moments for their association for inputs in curriculum framing and imparting real-time problem-solving abilities. You are now putting yourselves in the front lines to face challenges and achieve better in the field of Engineering for the advancement of our nation. It is our hope that you will direct your efforts to improve our society and lifestyle. Your journey with G.T.U ends here but it is a new beginning for all of you to achieve new heights in your career.



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

सर्वे भवन्तु सुखिनः सर्वे सन्तु निरामयाः
*The Upanishad says; May All be Prosperous and Happy,
May All be Free from Illness.*

Message From Dean

सन 1500 मे आक्रमण कालखंड में भी भारत का वर्ल्ड जीडीपी में योगदान 32-34 % था | सन 1700 मे भारत का वर्ल्ड जीडीपी में योगदान 24% था | सन 1947 में अंग्रेजों ने भारत को छोड़ा तब भारत का वर्ल्ड जीडीपी में योगदान केवल 2% रह गया था | भारत पहले जो निर्यातक के रूप में दुनिया में स्थापित था, अभी आयातक देश बन गया है। यह कालखंड में भारत स्पेस के जगत में दुनिया के पहले 4 देशों में है, दूध उत्पादन के विश्व में पहले 5 देशों में है, ऑटोमोबाइल और फार्मास्युटिकल क्षेत्र में विश्व में 3 देशों में है। एक बार फिर निर्यातक के रूप में देश को स्थापित करना है तो युवओं में स्वदेश, स्वालंबन और स्वरोजगार की मानसिकता बनानी होगी। NEP 2020 के तहत शिक्षा और शिक्षा की पद्धति युवाओं को गृह उद्योग, लघु उद्योग जैसे स्वरोजगार की दिशा देने में, स्वदेशी की भावना को युवा मन में सुदृढ़ करने में अहम भूमिका निभा शक्ति है। विवेकानंद के अनुसार शिक्षा का अंतिम उद्देश्य भी खोज, स्वतंत्रता और आत्मविश्वास ही है। प्लेसमेंट के साथ साथ कितने उद्योजक निकले ऐसा वातावरण कंपस में बनाने की आवश्यकता है, एक्स्ट्रिडिशन के मानांक में भी उद्यमिता को जोड़ना चाहिए। छात्र पढ़ाई के बाद नहीं परन्तु पढ़ाई के साथ, प्रवेश के बाद तुरंत, स्टार्ट अप के जरिये Job seeker के बजाय Job giver बनने की मनः स्थिति में आये यही आज की मांग है। स्टार्ट अप, इन्नोवेशन के माध्यम से जीटीयु के कंपस में इस तरह का आत्मनिर्भरता का वातावरण बन रहा है। जीटीयु के कंपस में सोशल इंटरनशिप प्रोग्राम, एंटरप्रेन्योरशिप इंटरनशिप प्रोग्राम, सामाजिक व्यवस्थाओं को समझने के लिए इंटरनशिप प्रोग्राम, उद्यमिता विकास के लिए इंटरनशिप प्रोग्राम, अपने क्षेत्र की संभावनाओं को समझने के लिए इंटरनशिप प्रोग्राम जैसे विविध इंटरनशिप प्रोग्राम बगैरह को और आगे बढ़ाना युवाओं को आत्मनिर्भर बनाने के लिये आवश्यक लगता है। G20 की एक वर्ष के लिये भारत को मिली अध्यक्षता भारत ने किये कार्यों को विश्व में प्रचारित करके भारत के प्रभाव को पुरे विश्व में ले जाने के लिये महत्त्वपूर्ण है, एवं भारत को स्वावलंबी बनने के लिये यह एक सुनहरा अवसर है। हमारा चिंतन 'सरवाईवल ऑफ द फिटिस्ट' नहीं परन्तु 'सर्वे भवन्तु सुखिनः' है। भारत को स्वावलंबी, आत्मनिर्भर बनाना यह समय की मांग है और 'सर्वे भवन्तु सुखिनः' और 'वसुदेव कुटुंबकम्' यह हमारा मंत्र है, यह दोनों बातों को ध्यान में रखकर हम सभी अपनी भूमिका का निर्वहन करते हुए आगे बढ़ेंगे। यह समय हमारा है।

राष्ट्रभक्ति ले हृदय में यदि खड़ा देश सारा | संकटों पर मात कर राष्ट्र विजई हो हमारा |

विजय ही विजय है, विजय ही विजय है, विजय ही विजय है।

**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 Matter 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.

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 Chitrani Parmar (Internal Auditor), Ms. Darshana Chauhan (OSD), Mr. Hemal Patel (Deputy Engineer), Mr. Jaydeep Parmar (Media Section Head), Mr. Jignesh Tank (DEO), Dr. Kaushal Bhatt (Associate Professor), Dr. Keyur Darji (Director), Dr. Komal Borisagar (Associate Professor), Mr. Mahendra Chaudhary (CEO – AIC GISC), Mr. Mahesh Panchal (Assistant Professor), Ms. Manisha Gauniyal (Counselor), Mr. Margam Suthar (Assistant Professor), Mr. Mukesh Parmar (Account Officer), Ms. Mona Chaurasiya (Ph.D. Section Head), Mr. Ragesh Thakor (OSD), Dr. S. D. Panchal (Professor & Director), Mr. Sandip Modi (Computer Programmer), Dr. Sanjay Chauhan (Professor & Director), Dr. Sarika Srivastava (Conference Section Head); Ms. Seema Joshi (Assistant Professor), Ms. Shobhanarani T. Sengunthar (Statistical Officer), Dr. Shruti Kikani (Head – Dharohar Centre), Mr. Sumit N. Patel (Assistant Registrar), Mr. Tushar Trambadia (Assistant Registrar), Dr. Vaibhav Bhatt (Professor and Director), Dr. Viral Borisagar (COE I/C) and Mr. Yuvrajsinh Raol (Deputy Director).

We are also thankful to the staff members of VC Office, Registrar Office, Academic Section, Account 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 Compiled by

Dr. Sarika Srivastava

Assistant Professor

Graduate School of Management Studies, GTU

&

Conference Section Head

Support by

Mr. Ankit Rana

Office Assistant

Conference Section

DEANS

S.N.	Name	Faculty	Institute
1.	Dr G P Vadodaria	Engineering	GEC Bhavnagar
2.	Dr. Chhaganbhai N. Patel	Pharmacy	Shri Sarvajanic 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	Government Polytechnic, Himmatnagar

ASSOCIATE DEANS

S.N.	Name	Faculty	Institute
1	Dr Jeetendra Vadher	Engineering	GEC Palanpur
2	Dr Priyesh Gandhi	Engineering	Sigma Institute of Engineering
3	Prof. Chirag Thaker	Engineering	GEC Rajkot
4	Dr. S R Joshi	Engineering	GEC Bharuch
5	Dr. Mahesh Chhabria	Pharmacy	L. M. College of Pharmacy
6	Dr Nehal Shah	Pharmacy	Indubhai Patel College of Pharmac and Research Centre, Dharmaj
7	Dr Ashok B Patel	Pharmacy	B. K. Mody Govt. Pharmacy College
8	Dr. Dhiren P. Shah	Pharmacy	Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh
9	Dr. Supriya Bhutiani	Management	Som Lalit Institute of Business Management
10	Dr Sourbhi Chaturvedi	Management	Oakbrook Business School
11	Dr Harishchandra Singh Rathod	Management	Shri Jairambhai Patel Institute Of Business Management And Computer Application, Gandhinagar
12	Dr Bindiya Soni	Management	Anand Institute Of Management, Anand
13	Dr. Sampada Kapse	Management	Tolani Motwane Institute of Management Studies
14	Dr Jaykumar Patel	Computer Application	Chaudhri Technical Institute
15	Dr Vimal Parmar	Computer Application	Dr. Subhash Technical Campus
16	Dr Rajnish Rakholia	Computer Application	S S Agrawal Institute of Management and Technology
17	Dr Shital T Shah	Diploma Engineering	Khyati School of Engineering
18	Dr Sanjay Dave	Diploma Engineering	Bhailalbhai & Bhikhabhai Institute of Technology
19	Dr. Paresh Kotak	Diploma Engineering	Dr. S.& S. S. Ghandhy Government Engineering College, Surat
20	Dr Jayesh Shah	Diploma Engineering	Pacific School of Engineering
21	Dr Paresh Shah	Diploma Pharmacy	Shri B. M. Shah College of Pharmacy
22	Dr. Ushma U. Anerao	Architecture	Secretary, Technical Examination Board
23	Mr. Bhaskar Iyer	Architecture	I/C Principal, Government Polytechnic, Ahmedabad
24	Ms. Meghna Sutaria	Architecture	Professor, SAL School of Architecture

BOARD OF STUDIES

➤ Board of Studies of Engineering:

- Board of Studies for Computer, Information Technology & ICT.
- 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, Smart & Sustainable Energy.
- Board of Studies for Chemical Engg, Plastic Engg, Rubber Technology, Biotechnology, Food Engg. & Tech.
- Board of Studies for Textile Technology, Board of Studies for Metallurgy.
- Board of Studies for Mining, Board of Studies for Physics, Chemistry, Mathematics, Humanities.
- 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 Computer, EC and Allied branches (GSET-GTU).

➤ Board of Studies in Diploma Engineering:

- Board of Studies for Diploma in Architecture Assistantship
- 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, Revised Board of Studies for Diploma Engineering in Automobile Engineering, Mechanical Engineering,
- 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 Architecture

➤ Board of Studies of Applied Science

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

➤ Board of Studies of Vocation

- Board of Studies for Bachelor of Vocational Courses(Diploma & Degree)

➤ 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)

CONSTITUTION OF RESEARCH COUNCIL

Sr. No.	Description	Name
1	Ex- Officio members	
1.1	Vice Chancellor	Prof. (Dr.) Pankajray Patel
1.2	Registrar	Dr. K. N. Kher
1.3	Representative of UGC	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	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 , Professor, Indian Institute of Management, Tiruchirappalli
3.9	Invitee	Dr. V. S. Purani , Principal, Government Engineering College, Valsad

Constitution of Doctoral Research Committee

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 P. 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 11th CONVOCATION

CHANCELLOR, CHIEF GUEST & GUEST OF HONOUR

11th Annual
Convocation
on
(27th January, 2022)

1. Shri Acharya Devvrat, Hon. Governor of Gujarat and Chancellor, Gujarat Technological University
2. Chief Guest – Shri Pankaj Patel, Chairman & Managing Director, Zydus Cadila
3. Guest of Honour – Shri Jitubhai Vaghani, Hon'ble Education Minister, Government of Gujarat
4. Guest of Honour – Dr. Kuberbhai Dindor, Hon'ble Minister of State, Higher & Technical Education, Legislative & Parliamentary Affairs, Government of Gujarat
5. Special Guest – Shri S. J. Haider, Principal Secretary, Education Department



SECTION I: UNIVERSITY AT A GLANCE

VISION:

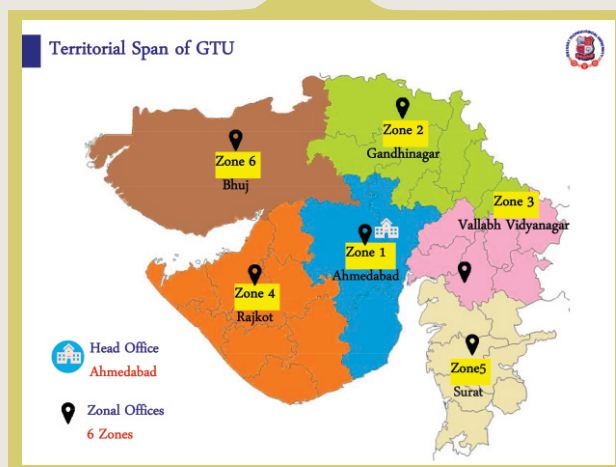
To be a global university for the creation and dissemination of knowledge and Innovation in Science & Technology, Humanities and Multidisciplinary domains for sustainable development and enrichment of human life.

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
430+**

02

**STUDENTS
370000+**

03

**FACULTY MEMBERS
14000+**

CAMPUSES & INFRASTRUCTURE



GTU Chandkheda Campus, Ahmedabad



Graduate School of Management Studies



Graduate School of Engineering and Technology



School of Applied Sciences & Technology



Graduate School of Pharmacy

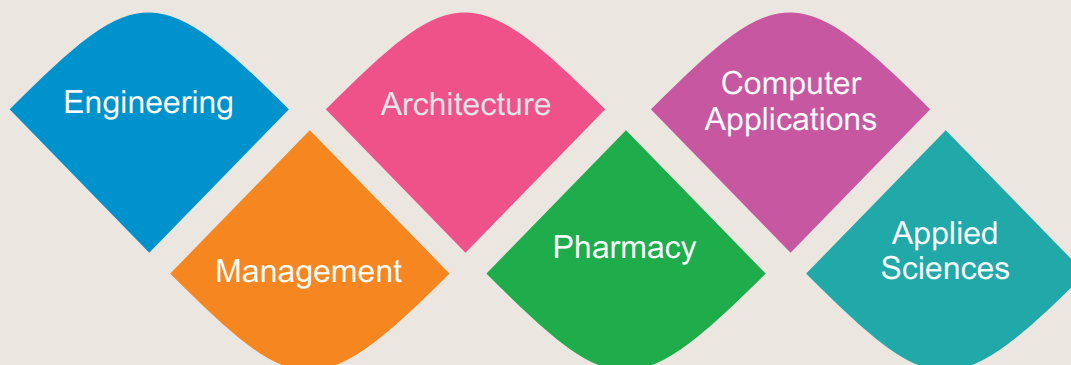


GTU GPERI Campus, Mehsana



Lekawada Gandhinagar, GTU

FACULTIES



PROGRAMMES OFFERED

1 Year Program

Post Graduate Diploma

2 Years 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 Computer Application (**MCA**)
Master of Arts (**MA**) Master of Science (**M. Sc.**)

3 Years Program

Diploma in Architecture (**D. Arch.**)
Diploma Engineering (**D.E.**)
Vocational Programs Bachelor of Business Administration (**BBA**)

4 Years Program

Doctor of Philosophy (**Ph. D.**)
Bachelor of Pharmacy (**B. Pharm**)
Bachelor of Engineering (**B.E.**)
Bachelor of Design (**B.D.**)
Post Diploma to Degree Course (**PDDC**)
Hotel Management & Catering Technology (**HMCT**)

5 Years Program

Integrated **MBA**
Integrated **MCA**
Integrated **M. Sc.**
Bachelor of Architecture (**B.Arch.**)

6 Years Program

Pharm. D

COURSE WISE ENROLMENT OF STUDENTS FOR A.Y. 2022-23

S. No.	Course	Total students
1.	BACHELOR OF ARCHITECTURE	42
2.	BACHELOR OF BUSINESS ADMINISTRATION	35
3.	BACHELOR OF ENGINEERING	18432
4.	BACHELOR OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY	88
5.	BACHELOR OF INTERIOR DESIGN	8
6.	BACHELOR OF PHARMACY	109
7.	BACHELOR OF VOCATION	277
8.	POST GRADUATE DIPLOMA IN BIOINFORMATICS	9
9.	POST GRADUATE DIPLOMA IN HOSPITAL MANAGEMENT	23
10.	DIPLOMA IN ENGINEERING	31284
11.	POST GRADUATE DIPLOMA IN DIGITAL MARKETING	9
12.	POST GRADUATE DIPLOMA IN DATA SCIENCE	23
13.	DIPLOMA IN VOCATION	96
14.	MASTER OF SCIENCE (INDUSTRIAL BIOTECHNOLOGY)	43
15.	INTEGRATED M.SC. BIOTECHNOLOGY	43
16.	MASTER OF COMPUTER APPLICATIONS (INTEGRATED)	90
17.	MASTER OF BUSINESS ADMINISTRATION (INTEGRATED / APPLIED MANAGEMENT)	335
18.	INTEGRATED MBA (IMBA)	335
19.	MASTER OF BUSINESS ADMINISTRATION	3748
20.	MASTER OF COMPUTER APPLICATIONS	1119
21.	MASTER OF ENGINEERING7	59
22.	MASTER OF ARTS IN HINDU STUDIES	16
23.	INTEGRATED M.SC. INFORMATION TECHNOLOGY(IT)	68
24.	MASTER OF BUSINESS ADMINISTRATION (PART TIME)	26
25.	DOCTOR OF PHILOSOPHY	210
26.	POST GRADUATE DIPLOMA IN IPR	22
TOTAL ENROLLED STUDENTS		57249

NO OF STUDENTS TO BE CONFERRED DEGREE/DIPLOMA IN 12TH CONVOCATION

S. No.	Course	Total students
1	BACHELOR OF ARCHITECTURE	190
2	BACHELOR OF BUSINESS ADMINISTRATION (AS A PART OF 5 YEARS INTEGRATED MBA)	292
3	BACHELOR OF COMPUTER APPLICATIONS (AS A PART OF 5 YEARS INTEGRATED MCA)	129
4	BACHELOR OF ENGINEERING	24728
5	BACHELOR OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY	54
6	BACHELOR OF INTERIOR DESIGN	10
7	BACHELOR OF PHARMACY	2703
8	BACHELOR OF TECHNOLOGY	648
9	BACHELOR OF TECHNOLOGY (PDDC)	12
10	BACHELOR OF VOCATION45	
11	DIPLOMA IN ARCHITECTURE	19
12	DIPLOMA IN ENGINEERING	14086
13	DIPLOMA IN PHARMACY	210
14	DIPLOMA IN VOCATION	44
15	DOCTOR OF PHARMACY	18
16	DOCTOR OF PHILOSOPHY	41
17	MASTER OF ARCHITECTURE	1
18	MASTER OF BUSINESS ADMINISTRATION	2923
19	MASTER OF BUSINESS ADMINISTRATION (APPLIED MANAGEMENT)	1
20	MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MANAGEMENT)	36
21	MASTER OF BUSINESS ADMINISTRATION (INFORMATION TECHNOLOGY)	6
22	MASTER OF BUSINESS ADMINISTRATION (INNOVATION, ENTREPRENEURSHIP AND VENTURE DEVELOPMENT)	17
23	MASTER OF BUSINESS ADMINISTRATION (INTEGRATED)108	
24	MASTER OF BUSINESS ADMINISTRATION (INTERNATIONAL BUSINESS)	78
25	MASTER OF BUSINESS ADMINISTRATION (PART TIME)	10
26	MASTER OF COMPUTER APPLICATIONS	847
27	MASTER OF COMPUTER APPLICATIONS (INTEGRATED)	53
28	MASTER OF ENGINEERING	638
29	MASTER OF PHARMACY	687
30	MASTER OF TECHNOLOGY	74
31	POST GRADUATE DIPLOMA IN BIOINFORMATICS	3
32	POST GRADUATE DIPLOMA IN DATA SCIENCE	29
33	POST GRADUATE DIPLOMA IN DIGITAL MARKETING	2
34	POST GRADUATE DIPLOMA IN IPR	23
35	POST-DIPLOMA DEGREE IN ENGINEERING	117
	Total	48882

UNIVERSITY'S SECTIONS

S. No.	SECTIONS	CONCERNED SECTION HEAD / OFFICER(S)
1	ACADEMIC	MR. TUSHAR TRAMBADIA
2	ACCOUNT	MR. MUKESH PARMAR
3	AFFILIATION	MR. YUVRAJSINH RAOL
4	AUDIT	CA CHITRALI PARMAR
5	EXAMINATION	DR. VIRAL BORISAGAR
6	CENTRE FOR CONTINUING EDUCATION (CCE)	MR. MAHESH PANCHAL
7	CONFERENCE	DR. SARIKA SRIVASTAVA
8	DEPARTMENT OF INTERNATIONAL RELATIONS (DIR) & INTEGRATED TRAINING AND PLACEMENT (ITAP) CELL	DR. KEYUR DARJI
9	DHAROHAR – GTU CENTRE FOR INDIAN KNOWLEDGE SYSTEM	DR. SHRUTI KIKANI
10	ESTABLISHMENT & REGISTRY	MR. SUMIT N. PATEL, R.L.PATEL
11	ESTATE	MR. RAGESH THAKOR, MR. HEMAL PATEL
12	GRIEVANCE CELL, RTI & LEGAL	MS. HEMLATA VERMA
13	GTU INNOVATION COUNCIL	MR. MAHENDRA CHAUDHARY MR. TUSHAR PANCHAL
14	GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY (GSET)	DR. S.D. PANCHAL
15	GRADUATE SCHOOL OF MANAGEMENT STUDIES (GSMS)	DR. PANKAJRAY PATEL
16	GRADUATE SCHOOL OF PHARMACY (GSP)	DR. SANJAY CHAUHAN
17	GUJARAT POWER ENGINEERING AND RESEARCH INSTITUTE (GPERI)	DR. CHIRAG K. VIBHAKAR
18	SCHOOL OF APPLIED SCIENCE AND TECHNOLOGY (SAST)	DR. VAIBHAV BHATT
19	INFORMATION TECHNOLOGY (IT)	SHRI MAHESH PANCHAL MR. SANDIP MODI
20	INTERNAL QUALITY ASSURANCE CELL (IQAC)	DR. S. D. PANCHAL DR. KAUSHAL BHATT
21	MEDIA	MR. JAYDEEP PARMAR
22	SPORTS, NSS & CULTURAL	DR. AKASH GOHIL
23	PHD	MS. MONA CHAURASIYA
24	PURCHASE & STORE	MR. ANIL SOLANKI
25	STUDENT SUPPORT	MS. SHOBHANARANI SENGUNTHAR
26	SAMVAD CENTER	MS. MANISHA GAUNIYAL

Awards & Recognitions



Accreditation Certificate to Gujarat Technological University for being a Green University in Platinum Ranking



Certificate of District Green Champion for Ahmedabad by Ministry of Education, Govt. of India



GTU Motorsports team become National Champion in formula Bharat 2022. GTU received 8 Trophy under automation club.



Prof. (Dr.) Navin Sheth, Hon'ble Vice Chancellor, GTU was chosen as an Excellent Service in Education Sector Recipient of the Year Award by Zee 24 Kalak in the event of Siksha Conclave 2022. Mr. Jaydeep Parmar, Media Officer received the award on behalf of Hon'ble VC sir on 30th May 2022



Gujarat Technological University received 'Best Technical Fest Award' in India STEM Summit & Awards 22



GPERI, GTU received 'BEST PROJECT AWARD' while representing GTU during ATAL FDP on "AICTE IDEA LAB on Smart Manufacturing" at D. Y. Patil International University, Pune. Dr. Vivek Patel and Dr. Utsav Gadhia from GTU received the award



A team of 36 students from 13 GTU affiliated colleges participated in National Robocon 2022 and was placed on 9th rank. The team also received the Visvesvaraya Design Award (Best Robot Design among 42 teams), a trophy and a cash value of Rs. 1 lakh



Dr. Keyur Shah, System Analyst received award on GESIA Annual Awards function celebrated at Courtyard by Marriot, Satellite, Ahmedabad



Centre for Education Growth and Research (CEGR) recognizes GTU- Graduate School of Engineering and Technology with Best Engineering College in West India 2022.



Centre for Education Growth and Research (CEGR) recognizes GTU- Graduate School of Management Studies with Best Management College in West India 2022



Dr. Keyur Darji received Certificate of Appreciation for 'Best Director of International Relations Office' from Varna University of Management, Bulgaria

Eduskills in collaboration with the AICTE organized "EduSkills Connect '22- NextGen Skill Conclave" on 23rd December, 2022 at New Delhi



Prof. (Dr.) S.D. Panchal, Director & Professor, GTU-GSET received 'Director of Excellence Award -2022'



Prof. Margam Suthar received 'Best Performing Center of Excellence (CoE) coordinator Award- 2022'

MoU 2022

**GTU Signed an MoU with Kaushalya -
The Skill University, Ahmedabad
on 05.01.2022**



**GTU Signed an MoU with Centre for
Entrepreneurship Development
Gandhinagar on 29.01.2022**



**GTU Signed an MoU with National
Association of Software & Service
Companies (NASSCOM) on 14.02.2022**



**GTU Signed an MoU with Agilent Centre
for Excellence on 15.03.2022**



**GTU Signed an MoU with Bharat
ShodhSansthan on 21.03.2022**

GTU signed an MoU with Jagat Kyoso Center for Mathematics and Sciences, Delhi and Vigyan Gurjari, Anand on 18th April 2022



GTU - Dharohar Center for Indian Knowledge System signed an MoU on 18th April 2022 with JKMS, Delhi, and Vigyan Gurjari, Anand to run courses for students in Bharatiya Ganit Shastra which is generally known as Vedic Maths.

GTU signed an MoU with Hindu Council of Australia and Bhisma School of Indic Studies, Pune on 19th April 2022

A tri-party MoU was signed by BSIS, Prof. Kshitij Patukle, Mr. Prakash Mehta from HCA, and Dr. K. N. Kher from GTU on 19th April 2022. All the courses run by GTU – Dharohar Center will be available to the audience of Australia and HCA which is a renowned organization that has developed a 'Graduate Diploma course in Hindu Culture and Studies.' This course will enlighten students about Hindu cultural heritage and philosophy.



GTU signed an MoU with UNESCO on 5th May 2022



GTU signed an MoU with L&T Edutech on 17th May 2022



GTU Signed an MoU with Lakulish Yoga University on 18th May 2022.



GTU signed an MoU with Youth Development Pharmaceutical Association (YDPA) on 26th May 2022.

GTU signed an MoU with Skill Guru Academy on 5th July 2022



**GTU Signed an MOU with Adani Foundation
on 1st August 2022**



**GTU Signed an MOU with Vedant Knowledge
System Private Limited on 30th August 2022**



**GTU Innovation and Startup Centre (GISC)
signed an MoU with Toyota Tsusho India
Pvt. Ltd. on 26th November 2022**



**GTU Signed an MoU with UNOCUE
on 29th November 2022**



**AIC – GISC Foundation Signed an MoU with
Young Indians (YI) – Ahmedabad chapter of
CII on 16th December 2022**

Implementation of National Education Policy -2020 at GTU

Roadmap for Implementation of NEP at GTU

- Formation of Taskforce committee at University to identify short term, medium term and long term plan of university
- Organised 10 webinars on awareness, role of technical institutions for NEP implementation, teacher and NEP, equity and inclusion, multidisciplinary & holistic education, entrepreneurship development, students' employability, Indian Knowledge System, accreditation, research and innovation
- Sensitised faculty members on NEP for implementation of NEP at affiliated colleges.
- Organised various FDP and workshops for capacity building of teachers.
- Implemented various financial support schemes for Research Promotion.

Major Initiatives of GTU to Implement NEP 2020

1. Academics
2. Skill Building
3. Financial Support
4. Internationalisation
5. Innovation and Startup Activities
6. Indian Knowledge System
7. Multiple Entry and Exit
8. Technology Usage
9. Accreditation
10. De-affiliation

1. Academics

- Introduction of Minor/ Honours Degree in Engineering Faculty from academic year 2021-22.
- 358 students have registered for 16 different courses across 7 colleges. This students will study for additional 18-20 credits in 5 subjects for the Minor/ Honours Degree.
- GTU started PhD in interdisciplinary subjects including humanities
- Introduction of Student Induction Programme for diploma & degree engineering for holistic development of students since 2019-20
- Elective subjects introduced in all the programmes after 1st year in PG level and after 2nd year in UG and diploma level.
- School of Applied Science and Technology (SAST) established in 2021-22 (Programmes offered are M.Sc. (Industrial Bio Technology), PG diploma in Bio-Informatics and Bio-Medical Technology.)
- All PG Schools of GTU have Programmes in emerging areas
Programmes are Cyber security, IoT, Bio Informatics, Innovation and Entrepreneurship Development, Industrial Bio technology, Phytopharmacy and Phytomedicine are also started.
- Introduced degree engineering programme in Gujarati in 4 branches of BE
- Discontinue M.Phil. (Management) Programme from academic year 2021-22

2. Skill Building

- 100 points activity programme launched for students of Degree engineering in 2015-16 for the holistic development of students.
- Establishment of Center for Excellence with Industry Partnership i.e. Bosch Rexroth, Keepsake, Siemens
- Promotion of Ethics and Values in Higher Education through courses on Integrated Personality Development Course (IPDC) / Contributory Personality Development Programme (CPDP).
- Introduction of NCC as an elective since 2021-22 for Diploma and degree engineering and B. Pharm. students (They can get additional 28 credits for participation in NCC activities).
- Started Centre for Continuing Education (GTU-CCE) - Through these centre any institute can start a course in any discipline (minimum 30 hours) in online, offline or blended mode. Certification jointly by GTU & Institute. Till date 26 courses have been completed and 5 are ongoing. Courses range in diverse topics like Equestrian, Drone flying, Database Programming, Business Analytics, data analysis with python. Any individual can earn a certificate for skill building through these courses.

3. Financial Supports

- Introduction of Research Grant of Rs. 1,00,000 for Minor Research Projects under Seed Money Scheme (SMS) - Faculty members and PG students of Departments of University and Constituent Institute. Till date GTU has sanctioned an amount of Rs. 20.03 lacs for 29 proposals from 8 PG students and 21 faculty members.
- Enrollment of full time Doctoral Students at Departments of University with fellowship of Rs. 25,000 per month - Right now 11 students are pursuing full time PhD at GTU PG schools including 2 foreign students.
- Introduction of Post-Doctoral Fellowship (PDF) at various Departments of University with fellowship of Rs. 40,000-50,000 per month to promote Research orientation at University
- Introduction of Meritorious Scholarship to students from 25% to 100 % of fees - Totally 70 students across PG schools and constituent college have received this scholarships.

4. Internationalization

- Promoting Internationalization by enrolling foreign students
- Last year 117 students from 30 countries have enrolled in UG and PG programmes. 307 foreign students are at present studying at GTU.
- International Experience Programme (IEP) - GTU students go to foreign universities based in US, Canada, Germany, Bulgaria, Russia to study subjects in BE – Mechanical, Civil, Computer Engineering, IT, Electronics, ICT, B. Pharm, MBA, B. Arch and MCA. The credits earned by students for studying 2 subjects in transferred in respective semester of GTU curriculum for such students.

5. Innovation and Startup Activities

- Initiated innovation and start-up activities through GTU Innovation Council. GTU has supported 568 startups which has generated a revenue of 34 crores and provided employment to 3000 persons.

- Established regional centres at Surat, Rajkot, Mehsana and Vadodara and main centre at Ahmedabad to provide the support to incubate.
- Support in form of idea generation, IPR support, incubation, technology development, mentor support, prototype development, managerial assistance, commercialisation, availability of financial grants through GTU, state and central government schemes is provided.
- GIC has a dedicated staff of 36 personnel for all the start-up related activities.

6. Indian Knowledge System

- Compulsory inclusion of chapter on the literature survey of Indian History in the Doctoral work
- Doctoral students to review and study Indian Knowledge System in respective domain of research.
- Establishment of “DHAROHAR – Center for Indian Knowledge System”
- Launched 19 certificate courses to promote and disseminate knowledge on “Bharatiya Knowledge System”.

7. Multiple Entry & Exit

- Exit option given to students of Master courses after first year with a post graduate diploma certificate
- Introduction of MBA (Integrated) and MCA (Integrated) with exit option after 3 years with a bachelor degree since 2018-19.
- Formation of committees to implement Multiple Entry and Exit in professional UG courses
- Tentatively, exit levels will be at first, second, third and fourth year with certificate, diploma, vocational degree and final degree in 4 year degree programmes.
- Final implementation will be based on the guidelines of apex bodies like AICTE, PCI & CoA.

8. Technology Usage

- GTU - a technology enabled university.
- All its process (from enrollment to receipt of degree/ diploma) are online and no student needs to come to GTU for any of the activities.
- All payments are also in online mode through 'SBIPay' mechanism for all the stakeholders of GTU.
- Students' degree/ diploma certificates are available in 'DigiLocker'

9. Accreditation

- Introduced “Visheshagya Scheme”.
- Till date 22 institutes have applied for NBA through these scheme and 3 have already got NBA accredited for their programmes.
- Totally 55 programmes of affiliated colleges have been NBA accredited and 10 colleges have got NAAC accreditation.

10. De-affiliation

- GTU to follow state government norms for the process of de-affiliation for its 400+ institutions.

SECTION II: UNIVERSITY'S ADMINISTRATIVE SECTIONS

STUDENT SUPPORT SECTION (SSS)

Student Support Section (SSS) works as a centralized single window student support system for receiving of applications and delivering the required documents to the students.

Services of the Section through Online Student Portal by post process:

- Section started the services through an online student portal by Post process after COVID & students get the requested certificates/documents by post.
- Section has started a facility to send **Transcript (Soft copy)** to student's email id from GTU.
- 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, Degree/Diploma Provisional Final Certificates 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 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 the duties related to convocation degree & diploma certificate distribution after completion of the convocation ceremony.

Statistics data of Student Support Section:

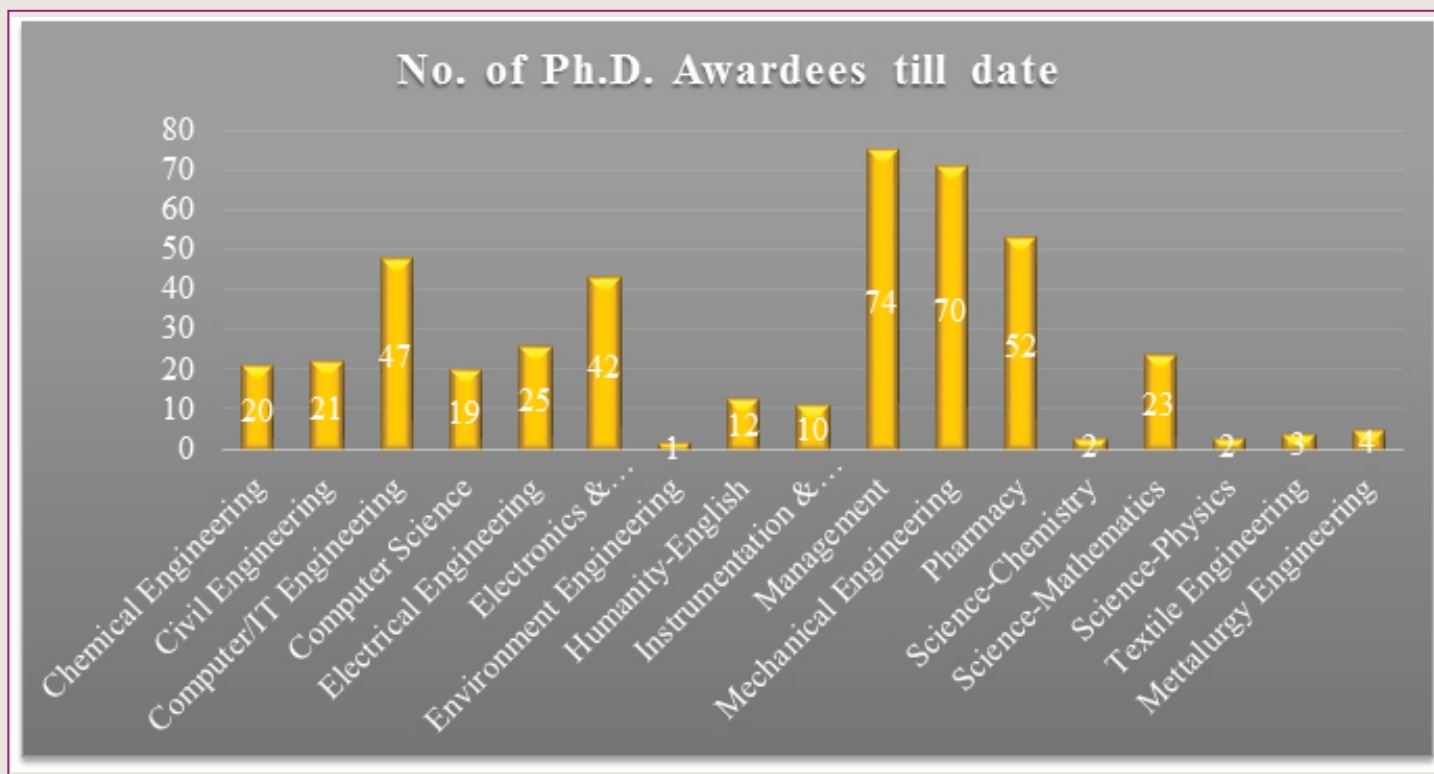
- The Section processed & dispatched approximately **6448** certificates related to student section such as Transcript (Hard copy), Transcript (Hard copy + Soft copy), Migration, Language, Attempt and Rank Certificate and Percentage certificate through student portal.
- Around **417** applications were processed for "To send the students documents to other University".
- Around **576** online electronic transcripts were successfully shared to WES for further processing as per student request.
- Around **2608** Transcript (soft copy) were shared to students email id from GTU.
- Around **60139** Degree Diploma certificates were dispatched through post/hand to hand by Student support section in this year.
- Around **729** applications processed for Credential Evaluation Form (WES, GES, NCESS, IQAS, ICESS), attestation of Grade-sheets, degree and provisional certificates.
- Around **30** applications of Duplicate Degree/Diploma certificates, **605** applications of Duplicate Grade-sheet and **608** Name correction certificates, miscellaneous Grade-sheet applications were processed.

Submitted by –

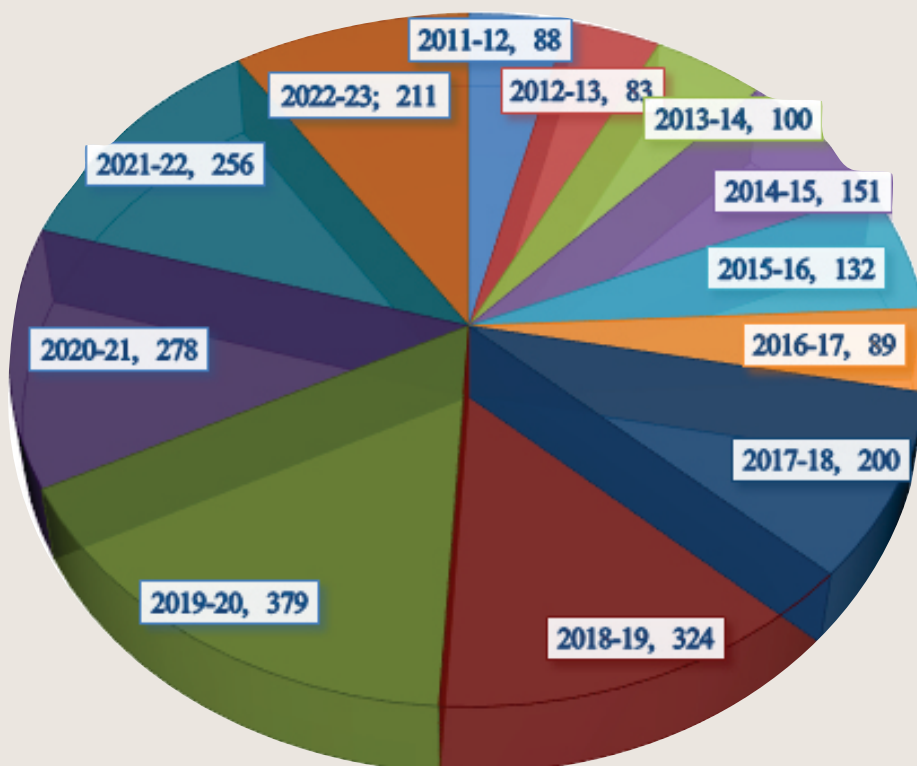
Ms. Shobhanarani T. Sengunthar (Statistical Officer)

PH.D. SECTION

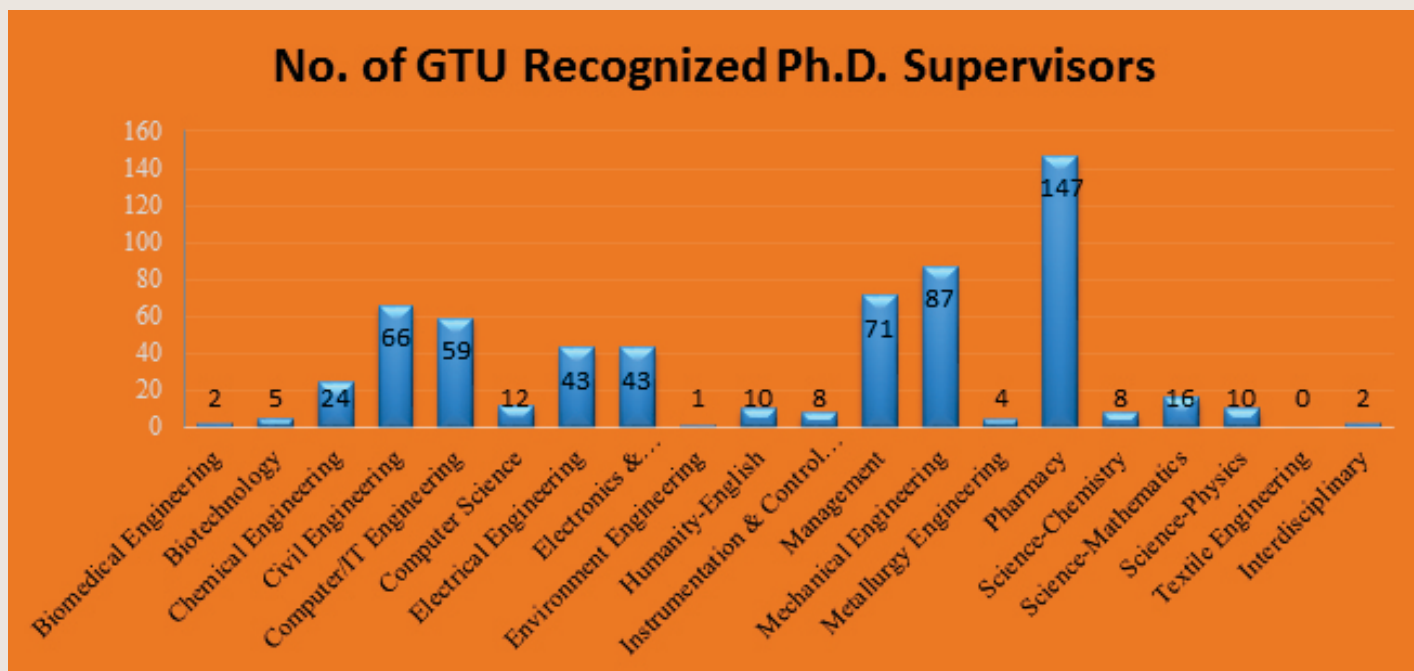
1) Ph.D. Awardees till date (discipline-wise)



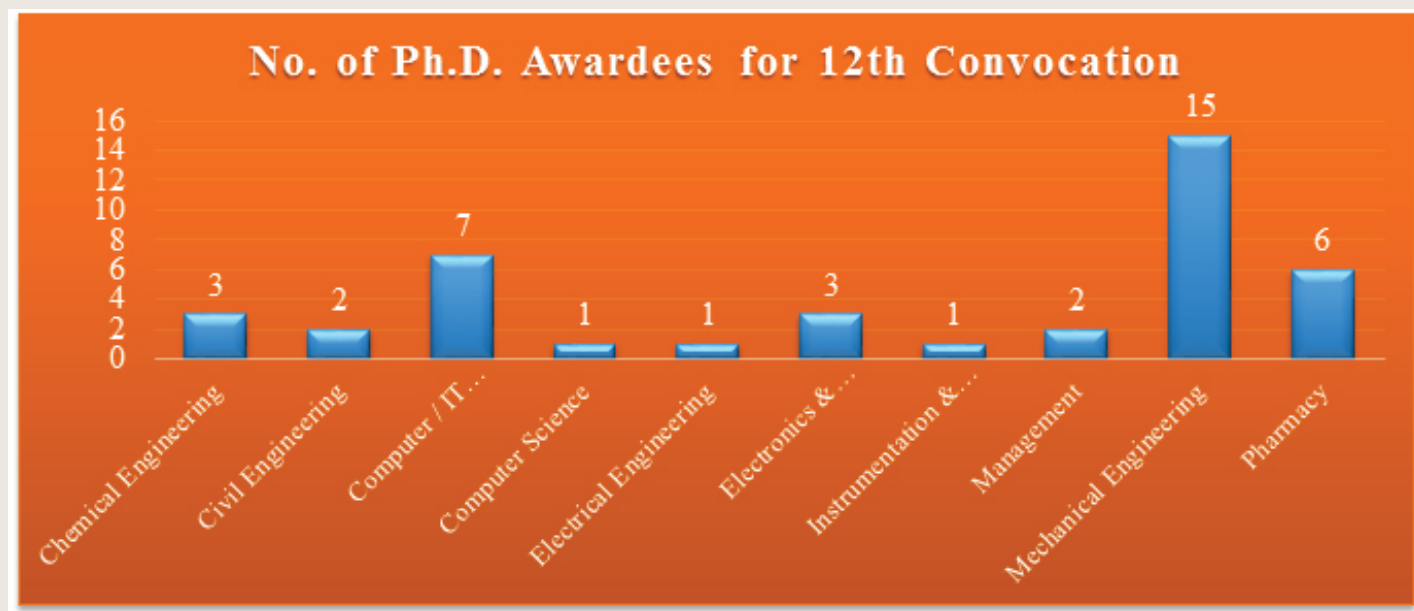
2) Research Scholars enrolled in GTU's Ph.D. Programme (year-wise)



3) GTU Recognized Ph.D. Supervisors (discipline-wise)



4) No. of Ph.D. Scholars to be conferred Degree in GTU's 12th Annual Convocation, January-2023 (discipline-wise)



5) Research Week for Enrolled Ph.D. Scholars:

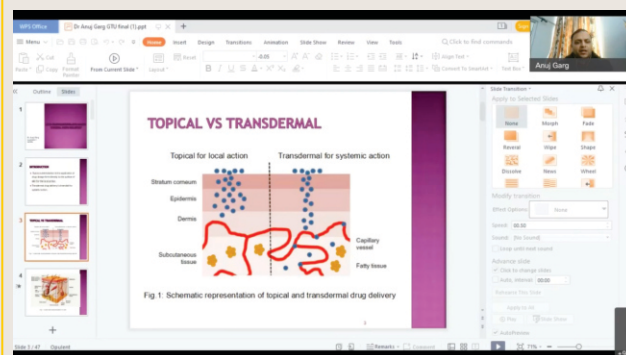
Gujarat Technological University organizes annual Research Week every year for registered Ph.D. Scholars who are at different phases of their Ph.D. journey. The purpose of the Research Week is to have insights and different approaches to, and perspectives on happenings of research in the respective field within the country as well as abroad. Research Week was organized for the year 2022 in the month of December, 2022 in the form of a workshop wherein experts from different countries were invited to conduct sessions in an online mode on various topics in the relevant disciplines.

Glimpses of Research Week-2021 at GTU

Dr. Anil Kulkarni – Penn State University, USA. (Mechanical Engineering)



Dr. Anuj Garg - NIPER, Raebareli. (Pharmacy)



Dr. Ashok Rao - Former Head, Network Project, CEDT, IISc, Bangalore. (Biomedical/IC Engineering)



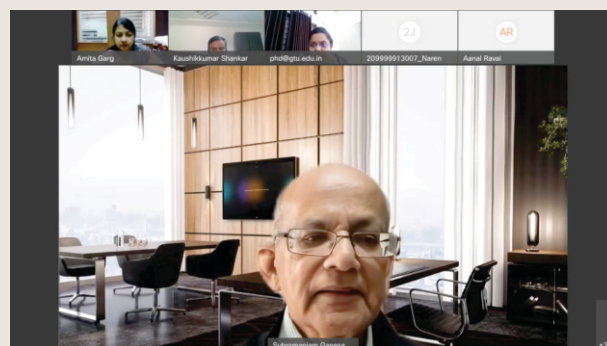
Dr. Girijesh Kumar - Vinoba Bhawe University, BIT Sindri, Jharkhand. (Environment Engineering)



Dr. Rudra Prakash Maheshwari - Professor, IIT - Roorkee (Electrical Engineering)



Dr. Subramaniam Ganesan - Oakland University, Rochester. (Computer/IT Engineering)



Overall, Annual Research Week is a unique experience for all the stakeholders of the event. The Ph.D. Team of the University makes best possible efforts to make the event a success.

1) Best Ph.D. Thesis Award:

GTU has initiated the Best Ph.D. thesis Award in order to recognize the research work done by the Ph.D. scholars in various disciplines from the year 2021. For the year 2021, Dr. Ashish Prasenjitkumar Shah (149997390003) who has worked under the supervision of Dr. Chhaganbhai N. Patel, was nominated for best Ph.D. thesis award. The award to the scholar and supervisor was issued on the 15th Foundation Day of the University.

Submitted by-
Mona Chaurasiya, Research Coordinator, GTU

INTERNAL AUDIT SECTION

Internal Audit section works as a constructive arm of the University being an essential part of any organization. The team of Internal Audit Section works continuously towards achieving objective of the University by following principals such as Integrity Objectivity, Competence and Due Care, Confidentiality and Professional Scepticism.

While carrying out Internal Audit, it is ensured that:

- In gathering and evaluation of facts and evidence and reporting, 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.
- Being a moral and ethical responsibility, all conflicts of interest are avoided and not to seek or derive any undue personal benefit or advantage from your own position.
- To be a person of highest integrity and maintain utmost confidentiality of all information acquired during the audit work.
- *Professional scepticism is observed* i.e. an attitude that includes a questioning mind, being alert to conditions which may indicate possible misstatement due to error or fraud, and a critical assessment of audit evidence.

Although, internal auditor must be an independent person, it is responsible to the management of the University and works with the integrity, professionalism, and objectivity and maintains an attitude of professional scepticism.

Internal audit is done to continuously improve the internal financial control system adopted by the University.

The team of the Internal Audit section verifies daily average 70 files /documents /vouchers etc. Queries / remarks / observations are resolved with conciliation/ discussion/ instruction as and when required. Verification of expenses are done to ensure compliance of all the rules / regulations / circulars /notifications etc. and to ensure the implementation of the prescribed procedures and the orders issued from time to time.

Best Practices of Section

- 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 institution.
- 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 with highly professional manner while maintaining integrity and objectivity.

Internal Audit Section is the one of the significant verticals of the University.

Submitted by –
CA Chitrani Parmar, Internal Auditor, GTU

ESTATE SECTION

The major role of Estate section is to develop Infrastructure facility & maintain the property of the University. Government of Gujarat allotted 100 acres land at Village- Lekavada, Dist. Gandhinagar to develop new campus of Gujarat Technological University. The master planning of the whole new campus is designed by a well-known architectural consultant “INI Design Studio Pvt. Ltd., Ahmedabad”. The total estimated cost for development of whole campus approved by the Gujarat Government is of Rs.486.00 Cr. The campus will be developed in phase wise manner. Total 15 Nos. of buildings like Administrative building, Academic buildings, Hostels, Residential buildings, Library, Animal House, Cafeteria and common facilities building for Post office, Bank extension counters, Stationery, Healthcare etc. are to be constructed in 1st Phase of planning.



The whole campus is to be constructed as per the standards of world class University with provision of the GRIHA rating (Green Building Concept). Also, plans to implement IBMS (Intelligent Building Management System), Rooftop Photo Voltaic Solar Electricity Generation System, HVAC, Water Distribution System including storage & treatment plant, sewage water will be treated & use for the Horticulture & flushing, Solid waste management, Rain Water Harvesting System, Planning of the internal roads, Walkways, Cycle Paths, Landscaping, Afforestation & Horticulture etc. to minimize air & noise pollution for the entire campus.

The work order amounting of Rs.240.00/- Cr for 1st Phase of work is given to AA Class agency. Foundation Stone of new campus was laid by Hon. Home Minister Government of India, Shri. Amit Shah on 27th September, 2022. Construction work of new campus is now in progress.

➤ Currently, Gujarat Technological University is spread over in following different premises:

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)
8	Academic Block No. 1	819	1	School of Applied Sciences

2.0 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

3.0 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, Ahmedabad1	120	2	Start-up, Innovation & other research activity
2	AVPTI campus, Tagore Road, Rajkot	350(Approx.)	1	Start-up, Innovation & other research activity
3	Dr.S & SS Gandhi college,	410(Approx.)	1	Start-up, Innovation & other research activity
4	Majura gate, Surat Govt.Technical high school, Dandiya bajar, Vadodara	160(Approx.)	2	Start-up, Innovation & other research activity

4.0 Zonal Offices at different places in Gujarat

Sr. No.	Building	Area (in Sqm)	Nos. of floors	Particulars
1	Zone-1 & 2, R.C. Technical Institute, Sola, Ahmedabad	2751	(8 rooms)	Conducting Exam related work
2	Zone-3, B & B Inst. of Technology, Vallabh Vidhyanagar	1101	(3 rooms)	Conducting Exam related work
3	Zone-4, AVPTI campus, Opp. Hemu Gadhavi hall, Rajkot	901	(2 rooms)	Conducting Exam related work
4	Zone-5, Govt. Engineering College campus, Surat	1051	(3 rooms)	Conducting Exam related work
5	Zone-6, Govt. Engineering College campus, Bhuj	851	(2 rooms)	Conducting Exam related work

5.0 Facilities at GTU Campus, Chandkheda, Ahmedabad

Sr. No.	Building	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	320	Providing Mess facility to GTU Student and Staffs

Facilities for Persons with Disabilities (PwDs)

To ensure equal opportunity, barrier free environment and full participation in nation building, GTU has facilitated the provision of ramps, rails, lift, wheelchair, toilets and brail signages in all the buildings.



RAMP



WHEELCHAIR



LIFT



TOILETS

Submitted By –
Mr. Ragesh Thakor, OSD, GTU
Mr. Hemal Patel, Deputy Engineer, GTU

MEDIA SECTION

Legitimate announcements that are actually newsworthy can be effectively delivered to University's stakeholders directly through well written Press Releases, and Designed Graphics of daily activities for drawing attention through Social Media and Website to other initiatives when properly optimized. Consistent public relations efforts generate awareness of GTU PG School 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.

Breaking news related to GTU, Start-ups and Research would be distributed to intermediate audience (journalists) so they could spread the message to primary stakeholders. Whether looking to attract more students, engage current ones or alumni relations, the media department is a must for the University. Our media team has during the year published more than 285 news stories which were prominently used by newspapers, digital web portal, radio, and TV news channels. Research based Sunday Special Stories, Convocation Wide Publicity, Bhoomi Poojan at Lekawada Stories, GTU Features in Times of India and Indian Express Special Magazines, Smart India Hackathon, Festival Special Stories, Sports and Cultural Stories, GISC-DIC-AIC Innovation Stories and many more. GTU's DEO-cum-Designer made out 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. Prospective students are largely looking to the media department to help guide them in their university decisions, so having a robust social and media strategy is essential. Not only does the media department help to build brand and develop collaborator that's passionate about educational opportunities, but it also enables to foster relationships with prospective, current and former students.

Achievements:

- Last year communication with more than 400+ reporters among Gujarat and other states of the nation and shared press note with them
- More than 285+ 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



GTU gives foreign students taste of fest

Staff and the vice-chancellor have invited 35 foreign students studying at GTU to visit their homes and be part of the Rakshabandhan celebration to acquaint them with Indian culture and traditions

Ahmedabad Mirror Bureau
feedback@ahmedabadmirror.
com

This Rakshabandhan, Gujarat Technological University (GTU) staff will throw open their homes to foreign students studying at the varsity to acquaint them with Indian culture and traditions, particularly

GTU vice-chancellor and other staff members have invited around 35 foreign students studying at GTU to their homes to celebrate Rakshabandhan on Thursday.

Officials said students from Namibia, Mozambique, Afghanistan, Somalia, and South Sudan among others will visit the varsity staff's home to celebrate the festival.

"GTU gets the highest number of foreign students for its various

Students from Namibia, Mozambique, Afghanistan, Somalia and South Sudan will visit staffers' homes

professional courses. This is the beginning of the festive season in Gujarat and it is the right time to showcase our culture and traditions to the foreign students," said a GTU official.

The official called it a great cultural exchange that will allow the foreign students to take a slice of our culture to their country and spread it.

Head of the Department of International Relations, Dr Keyur Darji said the variety has 35 foreign students enrolled in its Post Graduate School.

"These students celebrate festivals as per their religious faith

“These students celebrate festivals as per their religious faiths. They are always keen to be part of our culture and participate in our festivals.

They are always keen to be part of our culture and participate in our festivals. This is why we took this initiative to invite them to the homes of GTU staff including the vice-chancellor," he said.

Darji said those students who live in the hostel will also get a taste of the celebrations as GTU's women staff will tie them rakhi on Thursday.



Submitted by –

Mr. Jaydip Parmar, (IPRO) Media Section Head, GTU & Mr. Anil Pathak, Media Advisor

Mr. Jignesh Tank, DEO (I/C Graphic Designer) & Mr. Milan Pathak, IP

INFORMATION TECHNOLOGY (IT) SECTION

The GTU-IT section is continuously engaged in developing and providing the IT systems according to the requirements of the stakeholders and available technology. Recently new website of GTU (<http://gtu.ac.in/>) is launched and total visitor count as on 30th Nov., 2022 is around 39.5 lakhs. Starting from students' admission process and till awarding the degree (convocation) all the in-between processes are automated. Given below are some of the processes for which the online portals are developed by GTU IT team and working at present.

• Admission in programs run by GTU PG schools / Constituent college	• Enrolment of students admitted by admission committee
• Institute affiliation	• Staff recruitment in GTU
• Entry/Updates of detailed subject syllabus	• Entry/Updates of faculty members' details
• Entry/Updates of students' details	• E-library
• Exam form generation	• Question paper order generation system
• Question paper delivery system	• Marks entry & verification system
• Result preparation and declaration	• Application for rechecking/reassessment
• Grade-card generation	• Generation of provisional degree certificates
• Convocation	• UG projects uploading
• Master, PhD thesis uploading	• Placement data management

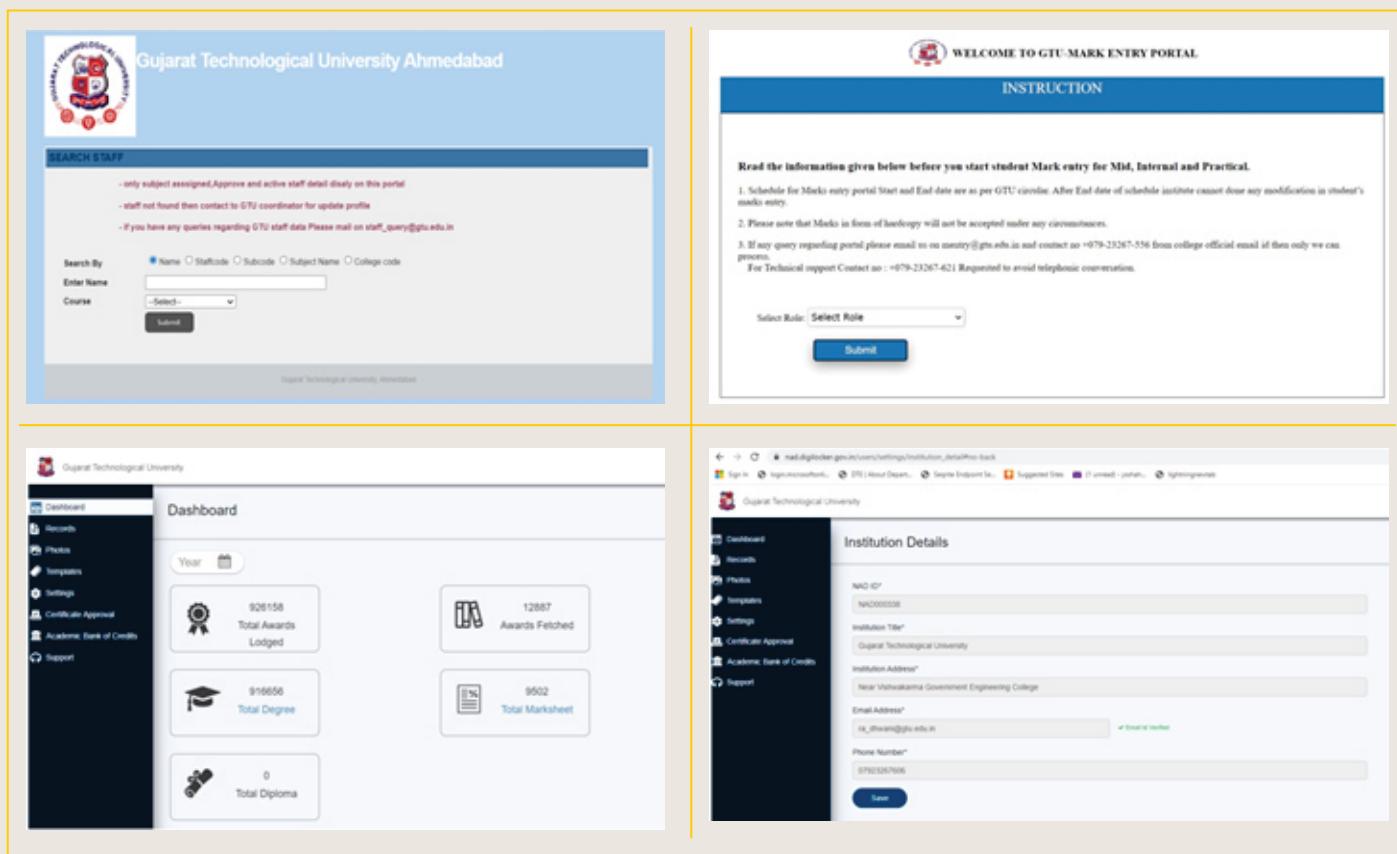
Apart from above mentioned processes, websites dedicated to different Cells/Centres are developed. Some of them are mentioned below:

• National Service Scheme	• Internal Quality Assurance Cell
• Alumni Association	• Centre for Continuing Education
• Design Innovation Centre	• Atal Incubation Centre
• Industrial Design	• International Experience Program
• Centre for Indian Knowledge System	• Technical Festival
• Intellectual Property Right Cell	• Women Development Centre

Given below are some of the unique initiatives as far as digitalization is concerned:

- Microsoft Office 365 is used to interact with the students and professors for co-curricular activities, conferences, seminars and projects.
- Cisco WebEx is used for hosting the online meetings. The meeting are recorded on cloud and can be used anytime whenever required. The events organized by GTU can be watched in real time on Facebook and YouTube channel.
- GTU manages basic records, exam records, results and projects data of more than 6 lakhs students. It includes all records since inception of the university.
- The GTU-IT policy comprises of 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 webpages on intranet/internet.
- The degree certificates of all the students have been uploaded on DigiLocker. A student can download his/her certificate as well as employer can verify the document through the authentic portal all over the world.

Screenshots of Few Portals:



Submitted by –
Mr. Mahesh Panchal, IT Section Head, GTU & Mr. Sandip Modi, Computer Programmer

STORE AND PURCHASE SECTION

- Store & Purchase department of GTU purchase & provide the items & services as per requirement of various departments.
- Store & Purchase department purchase most of the items & services through GeM (Government e Marketplace) as per Government policy.
- Store & Purchase department purchased various instruments for 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 and computer hardware, Server for set up GTU-Graduate School of Engineering & Technology and Computer Lab were also purchased.
- The Purchase & Store section and staff always tries 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

CONFERENCE SECTION

Various sections / PG schools of the university 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.
- 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 events of the university – Foundation Day, Convocation etc.

Financial Assistance Projects

- **AICTE GRANT IN LAST 4 YEARS FOR JOINT FDP:** GTU has signed MoU with AICTE in 2018 to conduct FDPs. In F.Y. 2021-22, total 11 FDPs were conducted by GTU PG schools and affiliated institutes.
- **UG / DIPLOMA BOOK 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 first year are ready in Gujarati language and translation work on 88 books of second year is going on.

Publication

(I) GTU Quarterly Newsletter 'Sarthak'

GTU publishes Quarterly Newsletter “SARTHAK” since last 5 years. In the year 2022, 4 issues of the newsletter were published which are available on GTU website.



VOLUME 8 ISSUE 1



VOLUME 8 ISSUE 2



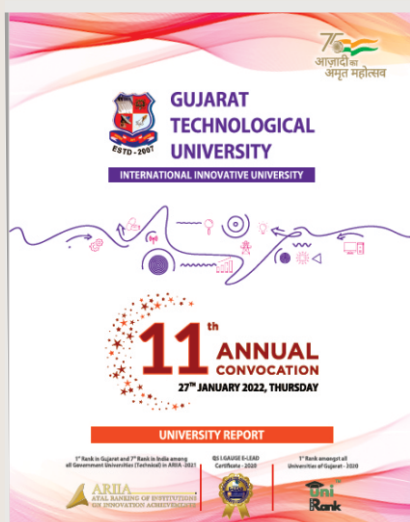
VOLUME 8 ISSUE 3



VOLUME 8 ISSUE 4

ii) Multidisciplinary International Research Journal of Gujarat Technological University (January 2022 and July 2022)

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 for Convocation:

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 11th convocation on 27th January, 2022 at Mahatma Mandir, Gandhinagar. The entire compilation work of Annual Report was carried out by Conference Section.

Other Events Supported by Conference Section

Participation of GTU in the International Conference of Academic Institutions during 10th Vibrant Gujarat Education Summit - 2022 on 5th & 6th January 2022



Visitors at GTU Stall



GTU Rapporteurs during ICAI -2022



Shri Bhupendrabhai Patel, Hon'ble Chief Minister of Gujarat launched 'SAKSHAM' – a booklet on Initiatives of GTU during and after Lockdown

Round Table Meet on 'The Role of Disruptive Technologies – A Step towards Making India A \$ Five Trillion Economy' on 11th April, 2022

GUJARAT TECHNOLOGICAL UNIVERSITY
(an International Innovative University)
In association with
Department of Education, Department of Science & Technology and Department of Industries, Government of Gujarat
CORDIALLY INVITE YOU TO JOIN THE ROUND TABLE MEET ON
The Role of Disruptive Technologies – A Step Towards Making India A \$ Five Trillion Economy
11th April, 2022 (10:00 AM to 1:00 PM)
Venue: A-1 Conference Hall, GTU Chandkheda, Campus, Ahmedabad
Participants: Representatives from different Industry Associations & Chamber of Commerce, Deans and Directors of GTU

 Chief Guest Shri Satish K. Marathe Director Reserve Bank of India	 Chief Patron Prof. (Dr.) Navin Sheth Hon'ble Vice Chancellor, Gujarat Technological University	 Guest of Honour Shri S. J. Haider Principal Secretary, Education Department, GoG
 Invitee Dr. K. N. Kher Registrar Gujarat Technological University		

GTU in association with Department of Education, Department of Science & Technology and Department of Industries, Government of Gujarat organised the Round Table Meet on “The Role of Disruptive Technologies – A Step Towards Making India A \$ Five Trillion Economy” on 11th April, 2022 at Chandkheda campus. Various industry experts participated and shared their views.



Celebration of 15th Foundation Day of GTU on 16th May 2022

GTU celebrated its 15th Foundation Day on 16th May, 2022 at GTU Chandkheda Campus, Ahmedabad. **Shri. Jitubhai Vaghani**, Hon'ble Education Minister, Higher & Technical Education, Science & Technology, Govt. of Gujarat was the Chief Guest. **Dr. Kuberbhai Dindor**, Hon'ble State Minister, Higher & Technical Education, Statutory & Parliamentary Affairs, Govt. of Gujarat graced the event as a Guest of Honour. Shri. G. T. Pandya (IAS), Director, Technical Education, Govt. of Gujarat; Shri. Amit Thaker, BoG Member, GTU; Prof. (Dr.) Navin Sheth, Hon'ble Vice-Chancellor, GTU and Dr. K. N. Kher, Registrar, GTU were other dignitaries on the dais.



Musical Event



Audience Enjoying the Event



Welcoming Shri. Jitubhai Vaghani,
Hon'ble Education Minister, Higher
& Technical Education, Science &
Technology, GoG



Lamp Lighting Ceremony on the occasion of
15th Foundation Day Celebration of GTU



Inauguration of GTU Exhibition Gallery



Launching of GTU Logo

Interaction with Startups and Youth on the Theme of 'New India-A Techade of Opportunities for Young Indians' on 21st May 2022



Shri Rajeev Chandrasekhar, Hon'ble Minister of State for Skill Development & Entrepreneurship and Electronics & IT, Government of India visited GTU on 21st May 2022. Dr. Kuberbhai Dindor, Hon'ble Minister of State, Higher & Technical Education, Statutory & Parliamentary Affairs, Government of Gujarat and Shri S. J. Haider, Principal Secretary, Higher & Technical Education, Government of Gujarat were also present.

Visit of Director, AICTE to GTU on 29th June 2022



AICTE has initiated a scheme of book translation in regional language and GTU is the partner University for Gujarati language. Dr. Amit Srivastava, Director, AICTE visited GTU on 29th June 2022 to discuss the progress work of translated books of UG / Diploma in Gujarati language. Translators and Reviewers were invited for the meeting. He also shared the plan of next year translation work and various other schemes of AICTE for the benefit of students and faculty members.

Felicitation by AICTE for UG and Diploma Books Translation in Gujarati on 15th July 2022

Dr. Anil Sahasrabudhe, Chairman, AICTE in the presence of other dignitaries presented a letter of appreciation to Dr. Sarika Srivastava, Assistant Professor, and GSMS for the successful coordination of AICTE's translation scheme in Gujarat to support National Education Policy (NEP – 2020). University has completed the translation of first year books of Engineering and Diploma in Gujarati.



Bhoomi Poojan of New Campus of GTU at Lekawada, Gandhinagar on 27th September 2022

Shri Amit Shah, Hon'ble Union Home Minister and Co-operative Minister laid the **Foundation Stone** of the new building of GTU which is taking shape in 100 acres at **Lekawada, Gandhinagar** in the presence of Hon'ble Chief Minister **Shri Bhupendrabhai Patel** on 27th September 2022. On this occasion, **Shri Harsh Sanghvi**, Hon'ble Minister of State Home and Police, Sports, Youth Service and Cultural Activities; **Shri Jitubhai Vaghani**, Hon'ble Minister Education (Primary, Secondary and Adult), Higher and Technical Education, Science & Technology, GoG; **Dr. Kuberbhai Dindor**, Hon'ble Minister of State, Higher & Technical Education, Legislative & Parliamentary Affairs, GoG; **Shri Jagdishbhai Vishwakarma**, Hon'ble Minister of State, Road & Building Department, GoG; Prof. (Dr.) Navin Sheth, Hon'ble Vice Chancellor of the University, Dr. K.N. Kher, Registrar, other invited guests and more than 5000 students remained present.



Best Section of the Year Award to Conference Section

On the occasion of 15th Foundation day of GTU, in the presence of Shri Jitubhai Vaghani, Hon'ble Education Minister Dr. Kuberbhai Dindor, Hon'ble State Minister and other dignitaries, Conference section received best section award at GTU Chandkheda Campus on 16th May 2022



Submitted By –
Dr. Sarika Srivastava, Head – Conference Section

ACCOUNTS

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. Approved Budget of university for financial year 2022-23 is Rs.10841.50 lakh as mentioned below. Total Rs.1492.00 lakh grant will be Government Grant Exp. and Total Rs.9349.50 lakh expenses are incurred from the owned fund of the University.

Budget Estimate for FY 2022-23

S. No.	Particular	Income	S. No.	Particular	(Rs. In Lakh) Expenditure
A	EXAMINATION INCOME	3877.00	A	EXAMINATION EXPENSES	4079.00
B	GRANT FROM GOVT.	1467.00	B	GOVT. GRANT EXPENDITURE	1492.00
C	PROFESSIONAL REGULATORY CHARGES & AFFILIATION FEES	600.00	C	UNI. ACTIVITY & ADMN. EXPENSES (UNIVERSITY FUND)	1800.00
D	PG SCHOOL & CENTER INCOME	808.50	D	PG SCHOOL & CENTER EXPENDITURE	1038.16
E	OTHRE INCOME	3897.00	E	CAPITAL EXPENDITURE	2240.34
F	CONSULTANCY SERVICES	180.00	F	CONSULTANCY SERVICES EXPENSES	180.00
G	GTU ALUMNI ASSOCIATION	12.00	G	GTU ALUMNI ASSOCIATION	12.00
	TOTAL	10841.50		TOTAL	10841.50

Accounts Section gives satisfactory answer to all stakeholders regarding the status of bills. Necessary instructions are given to the various sections not to delay in the submission of bills and it should be submitted for the payment procedure to Accounts Section as soon as possible after receipt of the same. Regarding payment of approved bills, normally it has been processed with in four working days.

All the payments made by university to its colleges, vendors and other stakeholders are 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 and 2021. 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. We had computerised our works and most of the payment and receipt procedure are done through online mode for our stakeholders.

Submitted by
Mr. Mukesh Parmar, Accounts Officer, GTU

AFFILIATION

Total 434 institutions are affiliated with GTU (including 64 gradual deaffiliated institutions.)

Programme wise Affiliated Institutes (Academic year 2022-23)

S. No.	Level	Name of Programme	Affiliating Institutions/Colleges
1	UG	Degree Engineering	96
		Bachelor of Pharmacy (B. Pharm.)	57
		Bachelor of Architecture	1
		Hotel Management	3
		Bachelor of Business Administration	1
		Bachelor in Design (New)	1
2	PG	Master of Engineering*	40*
		Master of Pharmacy (M. Pharm.)*	38
		Master of Business Administration (MBA)	48
		Master of Computer Application (MCA)	24
		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* (New)	1
4	Vocational	Vocational	13
5	Diploma	Diploma Engineering	123
		Diploma Pharmacy*	15

Almost all the technical institutions in Gujarat State which mainly offer technical programme 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 first apply in apex higher body like AICTE /PCI /COA /Govt. of Gujarat /University /Others for particular academic year. Norms and eligibility criteria for each institute remain same as per decided by AICTE/PCI/COA/Govt. of Gujarat / University/Others for particular academic year. Applications for affiliation or extension or change in name/intake/site or starting new course/program or closing a course/program in an existing affiliated institute is to be sent to the Registrar in the form prescribed by the University.

Endorsement:

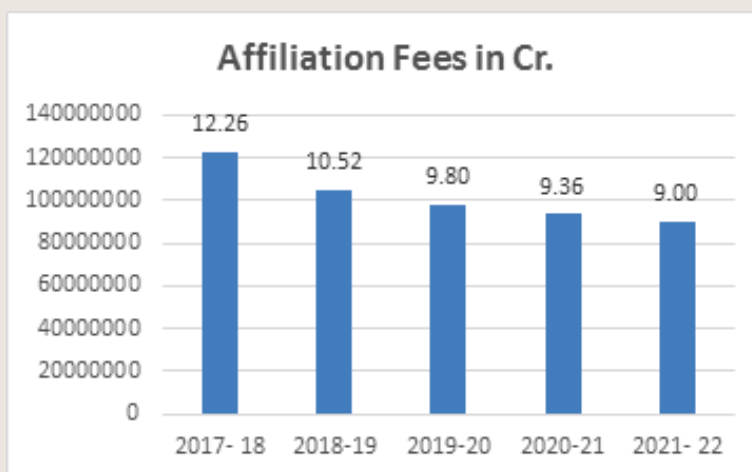
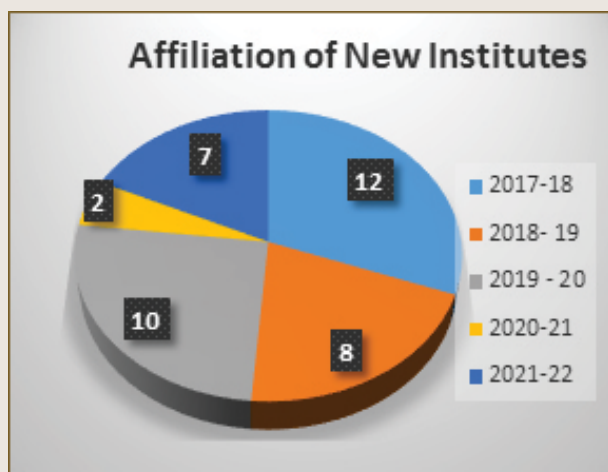
(1) Procedure for Endorsement to the faculty of SFI & Granted institution:

- Affiliated institute has to publish an advertisement to conduct an interview in at least all over Gujarat edition of one leading Gujarati and one leading English newspaper. The minimum size of the advertisement is 100 sq. cm. The advertisement must contain post/cadre, no. of vacancy and last date for application.
- Then institute has to request the Vice-Chancellor for appointing nominee along with branch wise applications summary and published advertisement. Institute has to mention venue, interview date and time along with forwarding letter. Institute has to send the forwarding letter before 15 days from scheduled interview date.
- After following above (a) and (b) by institute, institute has to conduct the interview as per GTU norms.

(2) Selection file with all relevant documents should be submitted to the Registrar within 21 days after completion of interview for endorsement :

Affiliation section has to verify following points for endorsement.

- V.C. Nominee Report
- Selection Committee as per Norms or not
- Procedure followed in selection Staff or not
- Scrutiny of selected teaching staff
 - Basic qualification
 - Required supportive documents
 - Valid Experience documents.
 - In case of name change of Married lady faculty, requirement of marriage certificate/gazette.



Quick Coordination and Co-operation:

- Section works with coordination and provides best services related to Affiliation, Closer & Endorsement of faculty in line with University Norms as well as Apex body Norms.

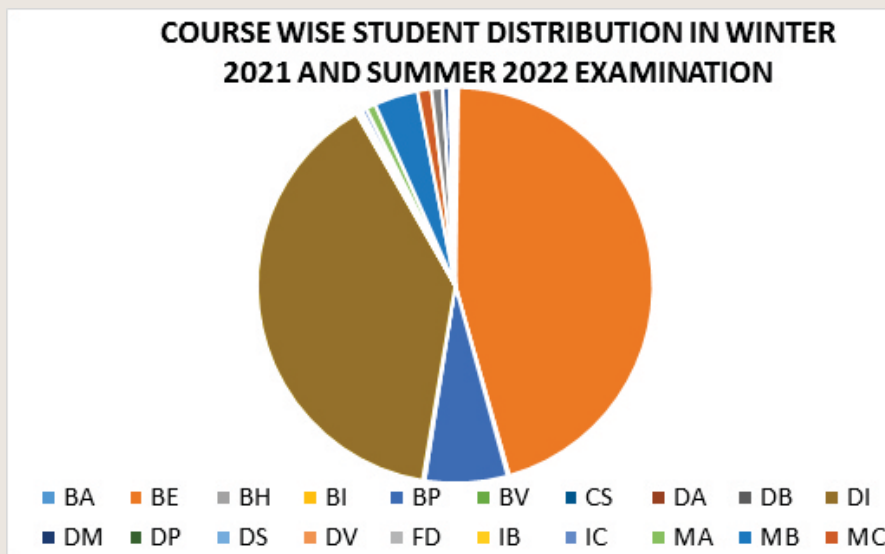
Submitted by -

Mr. Yuvrajsinh Raol, Deputy Registrar, GTU

EXAMINATION

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 entire support and positive attitude of all affiliated Colleges, Principal and faculty members. To make examination system more reliable, transparent and accountable, GTU has adopted many innovative approaches.

17561 Manuscript preparation appointment orders for setting up question paper of various subjects were issued for Winter-2021 & Summer-2022 Examination. Total 6567 number of different subjects were offered in Winter-2021 & Summer-2022 Examination. Total 433131 students had registered in 29 different courses for Winter-2021 & Summer 2022 Examination.



Details	Winter 2021 Examination	Summer 2022 Examination	Total
Total Students Registered	223963	209168	433131
Number of Subjects offered	3184	3383	6567
Number of Manuscript Preparation Appointment Orders issued	9438	8123	17561
Number of Answer books Assessed	1142090	1068718	2210808
Number of Exam Centres	338	342	680

Examination Process and Set-up

To make the process of examination smoother, 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 this zones. University appoints faculties of affiliated colleges as GTU Observers in each exam centre for smooth conduction of exams and answer books are been transferred to concerned zonal office on the same day of exam by observer after exams are completed. Observer has to reach to the exam centre at least 50 minutes before the beginning 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 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 hollow brown sticker.

Assessment of Students Answer-Books

Answer books are assessed through E- Assessment and Manual assessment in Winter-2021 & Summer 2022 Examination. Answer Books are collected on the very same day as soon as examination for the day/session is over from all the colleges located in any of the six zone. All such answer books collected for the day are shuffled subject-wise and bundled and packed in bunch of 100 answer books. By the next day this bundles are transported to University Head Office located at 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 examiner for evaluation. The said Lots are transported back to concerned Zonal Office. From Zone Office, this Unassessed Answer Book lots are transported to the College of concerned examiner.

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

At University these assessed lots bundle having maximum 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 entry which might have occurred at examiner level is rectified here. After marks entry, answer books are again packed in a bag and stored at definite location.

E-Assessment

E - Assessment system was introduced from Term-End External Theory examination of MBA Semester - 1 in Winter-2012 examinations as pilot project. Ripening on the success, the 'E - Assessment' was later on implemented in other courses also.

In E-Assessment, digital answer book is uploaded on portal through which examiners can securely assess answer book online and digital access of the assessed answer book is given to the students which enables transparency in the examination system. Allotment of answer books to the available evaluators is done randomly. Evaluators can carry out E-Assessment using Computer/Laptop and Internet connectivity from anywhere any time, thus giving freedom of assessment as per his/her convenience using technology. Approximate 22 Million answer books are digitally evaluated by GTU till now since Winter 12 examination.

Students when apply for Re-assessment, the digital scan copy is again published to be evaluated by another examiner. If student applies for online viewing of his/her answer-book then answer book is displayed in concerned student's portal login.

Entry of Marks and Result Preparation

Gujarat Technological University has developed online portals for fetching marks of various components of student's result. Following table gives brief idea about marks entry of different components:

Mode of Exam	Component Type	Abbreviation	Mode of entry	Marks Entered by	Remark/Note
<u>CEP</u> Continuous CEP's M & Evaluation Process (by college faculties)	Theory	M	Online	College faculty	As soon as entry is completed by colleges, I Component marks are published on portal for viewing/verification by students.
	Practical/ Viva	I	Online	College faculty	
<u>TEE</u> 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 External Theory Examination, there are two modes of evaluation i.e., e-assessment and manual evaluation of hard-copies of student's answer-book. For manual evaluation, marks entered by paper evaluator are entered again and revalidated at University level to remove any type of entry related errors.

Reforms

To eliminate the possibility of leakage or any other such discrepancy about Question Papers, University has introduced innovative strategies for better management of examinations. University has implemented Secure Online Question Paper Delivery System (SOQPDS) which is incorporating various security features from Summer-2018 Examination. University is transmitting Question Papers to exam centres which are located across the state. Encrypted Compact Disk is replaced by SOQPDS. Examination process using e-system has proven to be the most reliable and confidential system, and is appreciated all over.

New question paper style for B.E. new syllabus based on Course Outcome (CO) and Cognitive Level (As per Revised Bloom's Taxonomy) is implemented from academic year 2018-19. University has achieved success in delivering grade-cards to colleges through Speed Post in short time after declaration of results, so that grade-cards can be received by students in timely manner. Cashless GTU Exam administration through use of SBI e-pay Payment gateway for students as well as colleges payment. Online portal for the exam stationary is been activated from Winter-18 Examinations. Speedy digital payment for drawing of manuscript is implemented from Winter-18 exams. Appointment of Paper Setters is done through panel comprising of Deans, Associate Deans, Chairman & Members of BOS.

Appreciation by peers

Gujarat Technological University earned fame of having very robust system for conducting examination. Various Universities visits Gujarat Technological University campus to explore possibility of adopting best practices of our Examination system. Exam Section has got opportunity to share knowledge and experience on mutual basis with officers of many other Universities. Other Universities Officers including core members of Examination Department, Computer Department and General Administrators like Registrar, Controller of Examination, Deputy Registrar, Assistant Registrar, System Analyst and Programmers has visited the University. They have studied our system and appreciated the modern approaches adopted by GTU.

Prepared by:

Dr. Viral H. Borisagar

C.O.E. (I/c), GTU.

ESTABLISHMENT

Establishment Section of Gujarat Technological University is an Essential Section, which takes care of the Regular & Contractual Employees related activities i.e. from Recruitment to Retirement.

University has very dynamic and young workforce.

Detail of GTU Manpower:

Type of Manpower	Regular	Contractual
Teaching	26	027
Administrative	34	189
Total	60	216

University has framed Policy for the Contractual Employees to govern their employment. For the Social Security Purpose, University is reimbursing the Premium of different Government Social Security Schemes to Employees. i. e. Atal Pension Yojana, Pradhan Mantri Surksha Bima Yojana and Pradhan Mantri Jeevan Jyoti Bima Yojana.

University is giving Crèche Facility to the Children of the employees. University Crèche Centre is having two dedicated Lady Caretaker.

University also provides dispensary facility having one male and one female doctor for the employees and their family members.

Moreover, to carry forward the Spirit of 'Azadi Ka Amrit Mahotsav', few events have been organized by the University, Glimpse of the Events are mentioned below:

- Under Covid-19 Vaccination Drive, GTU had arranged one Camp for GTU Staff to receive Precautionary Dose of Vaccine



- National Commission for Scheduled Tribes (NCST), New Delhi and GTU had jointly organized an Event on the theme of **“Contribution of Tribal Freedom Fighters in the Freedom Struggle”** on 12th October-2022 at Sal Education Campus, Ahmedabad.



- On the “Janjati Gaurav Divas”, 15th November-2022, The Birth Anniversary of Bhagwan Birsa Munda, an event had been organized at GTU. The purpose was to make the students, faculties and staff aware about the “Contribution of Tribal Freedom Fighters in the Freedom Struggle”. On the auspicious day, nine tribal individuals who have made extraordinary achievements in different fields had been appreciated.



Submitted by:

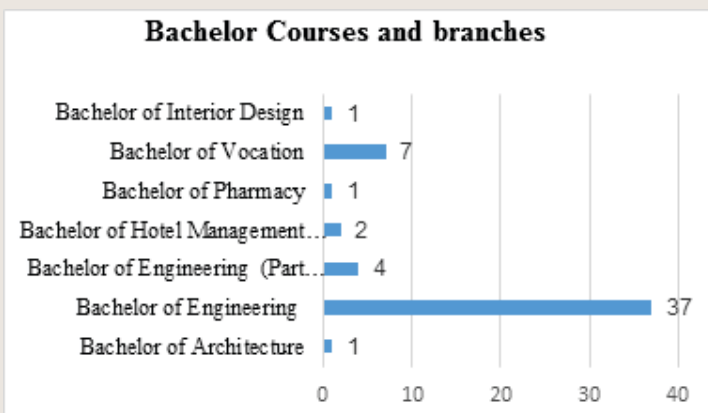
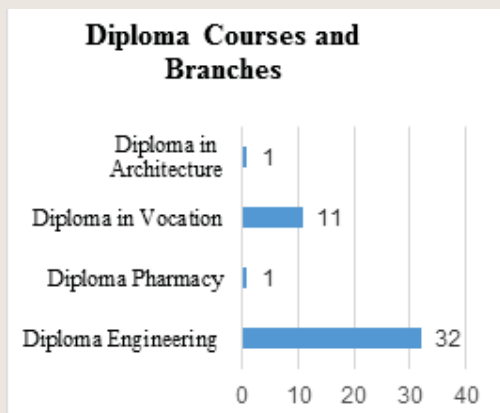
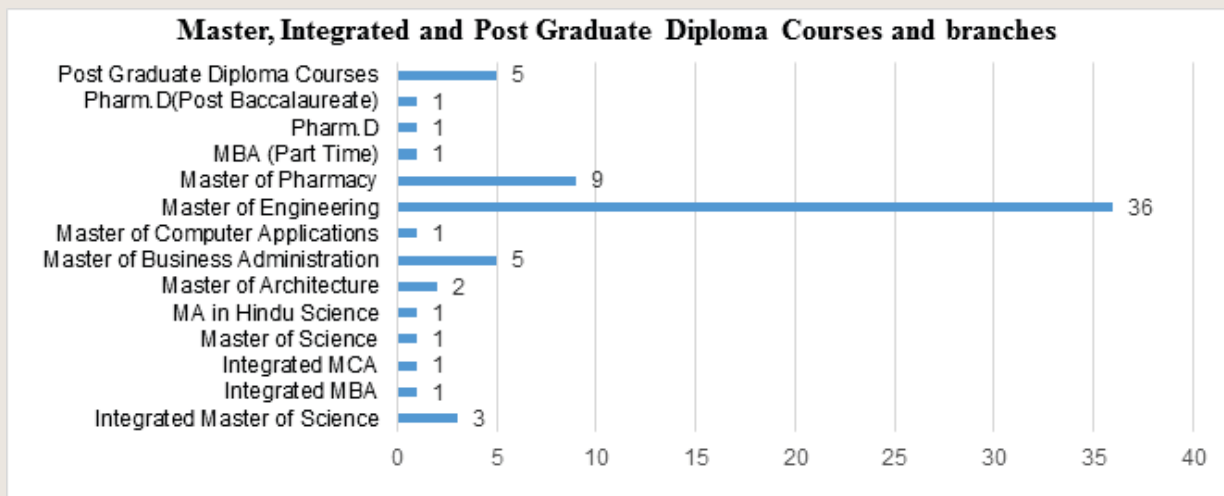
Shri R.L. Patel, OSD-Establishment & Shri Sumit N. Patel, Assistant Registrar, GTU

ACADEMIC

Academic section organizes Academic Council (AC) meetings for the maintenance and improvement of standards of instruction, education and evaluation in various courses of GTU and formulations of regulations of academic functions of GTU. The most important decisions taken since 11th Convocation are as below:

- Minor/ honours Degree for BE students in 18 different branches.
- Successfully carried out third batch of External Studies Program started for studying one full semester at IIT Gandhinagar for selected students of Government Engineering Colleges.
- NCC as General Elective Credit Course guidelines were introduced for students of BE, B. Pharm and Diploma Engineering.
- Guidelines for Enrollment Revocation introduced for the students who want to join their study after a gap.
- Guidelines for Gold Medal donors introduced for the sponsorship of Gold medal.
- Revision of Contributor Personality Development Program running in Diploma and Degree programs is introduced.
- Introduction of Engineering Courses on Regional Language.
- GTU has started Bachelor of Interior Design and Bachelor of Design courses in affiliated colleges.
- Adoption of New Grading System for IIT External Student Program for B.E Course.

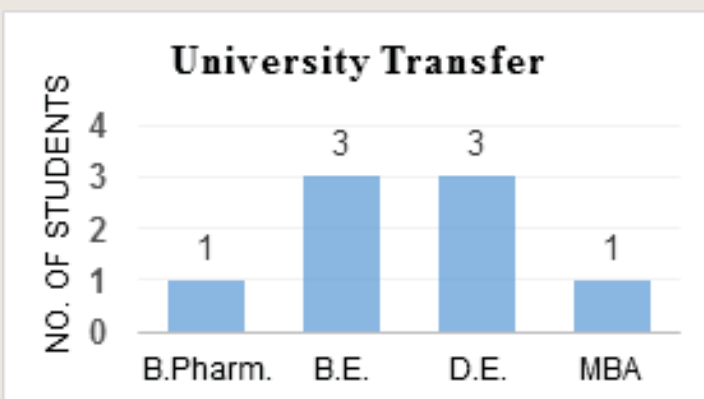
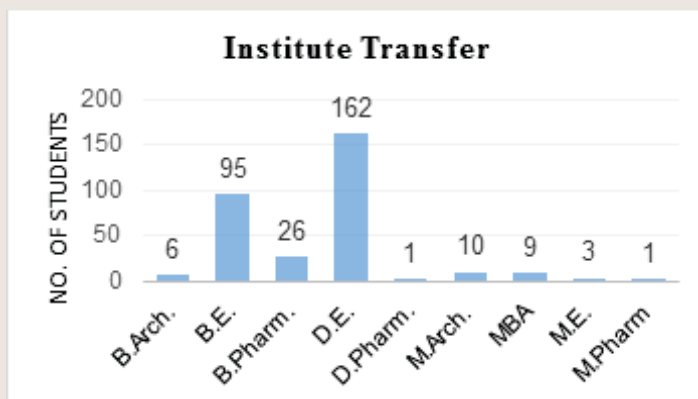
No. of Courses Offered by GTU at Diploma Level, Bachelor Level and Master Level



New Courses approved from Academic Year 2021-22 onwards

1. Diploma Engineering (Computer Science Engineering)
2. Diploma Engineering (Information Communication Technology)
3. Diploma Engineering (Automation and Robotics)
4. Diploma Engineering (Renewable Energy)
5. Diploma Engineering (Mechanical (CAD/CAM)
6. Bachelor of Engineering CSE (Data Science)
7. Bachelor of Engineering (Electronics and Instrumentation Engineering)
8. Bachelor of Engineering CSE (Cyber Security)
9. Bachelor of Engineering (Computer Science Design)
10. Bachelor of Engineering (Smart and Sustainable Energy)
11. Bachelor of Engineering (Food Engineering and Technology)
12. Bachelor of Engineering (Artificial Intelligence and Machine Learning)
13. Bachelor of Interior Design
14. Bachelor of Design
15. Master of Engineering (Artificial Intelligence and Machine Learning)
16. Integrated M.Sc. (Information Technology)

Other Statistical data of Academic Section



Major Events organized by Academic Section

4th Tech Guru Award Ceremony

Gujarat Technological University organized 4th Tech - Guru Award Ceremony on the auspicious occasion of Teachers day which was inaugurated by Chief Guest Shri Bhadrayu Vachharajani, Hon'ble Vice-Chancellor, Lokbharati University for Rural Innovation, Guest of Honor Dr. Harshad Patel, Hon'ble Vice-Chancellor, IITE Pilgrimage along with Hon'ble Vice Chancellor Prof. (Dr) Navin Sheth, GTU.

The criteria for selection of Best teacher included Research Publications, Research projects, patents, honor and award received, community services rendered, collaborative projects with Industry and updation of their knowledge through Swayam and MOOCs. University had received 110 applications

through online portal from all the disciplines and courses. A scrutiny committee was constituted by Hon'ble Vice-chancellor, GTU. The committee scrutinized and verified all the data and details filled by the candidate and 1 award was finalized. The winner for 4th Tech Guru Award 2022 was Dr. Jagdishkumar M. Rathod, Professor at BirlaVishvakarma Mahavidhyalaya. On this occasion, University also felicitated the Principal and Professor (Degree College) and Principal and Head of

Department (Diploma College) who retired in regular mode in last academic year.



Dr. Jagdishkumar M. Rathod, Professor, Birla Vishvakarma Mahavidhyalaya, Vidhyanagar received the Tech-Guru Award

Online Orientation Meet for 1st year students of D.E., B.E. & B. Pharm. of Affiliated Institutions on 13th December 2022

An online orientation meet was organized for newly admitted students of Diploma Engineering, B. Pharm. and B.E. of colleges affiliated to GTU to guide them and making familiar with University education system and highlighting the students about start-ups and other activities performed at the University level. Swami Shree Parmatmananda Sarswatiji, chief guest of the program had given lecture on how Students become successful by hard work and dedication in their life. Dr. C.N. Patel, Board of Governors member, GTU and Dean Pharmacy, Dr. G. P. Vadodaria, Dean- Degree Engineering and Prof (Dr.) Paresh Raval, Dean-Diploma Engineering GTU were the Guests of Honour. Hon'ble Vice Chancellor sir motivated the students and guided them about the teaching and learning methods adopted in the University. Dean of respective faculties highlighted the academic aspects of their respective courses. Dr. C. N. Patel highlighted the scope of Pharmacy education in the pandemic era. Dr. G. P. Vadodaria highlighted that skilled are more required in the current scenario. Dr. K. N. Kher, Registrar, GTU gave brief about the various academic activities performed at the University for the students. He also highlighted the new initiatives such as NCC as a general elective, External Students Program at IIT Gandhinagar, minor/ honours degree running in various Engineering branches.



Contributor as a Modern Karmyogi

GTU organized a program on the occasion of revision of Contributor Personality Development Program (CPDP) which is guided by the ideas of Swami Vivekananda – who represented in his leonine personality the highest Ideals of human values combined with effective action. The main objective of the CPDP is to equip students with not only right skills but also the right mind-sets. This Program is introduced to enable the students to develop the right approach towards their peers, seniors, industry and their own future, which helps them more responsible and capable of sharing their own lives. Swami Shree Prabhusevananda, Adhyaksha of Shri Ramkrishna Math, Ahmedabad was the Guest of Honour of the program and Swami Shree Nikhileswarananda from Ram Krishna Ashrama, Rajkot was the Chief Guest of the program. The detail of the new revision of the CPD course was delivered by Mr. Biren Anand. This CPD program was attended by Principal and course coordinators of Diploma, Degree Engineering and Pharmacy Institutes.



Submitted by –
Mr. Tusharkumar J. Trambadiya, Assistant Registrar, GTU

SECTION III: ACADEMIC ACTIVITIES

GRADUATION SCHOOL OF ENGINEERING AND TECHNOLOGY (GSET)

1. Program Offered at GTU-GSET

- Masters in Computer Engineering (Specialization in Cyber Security) – 30 Intake capacity
- Masters in Electronics & Communication (Specialization in Mobile Communication and Network Technology) – 18 Intake capacity
- 1 Year Postgraduate Diploma Program in Data Science – 30 Intake capacity
- Masters in Computer Engineering (Specialization in Internet of Things) – 18 Intake capacity
- Masters in Computer Engineering (Specialization in Artificial Intelligence and Data Science) – 18 Intake capacity
- Masters in Civil Engineering (Specialization in Structural Engineering) – 18 Intake capacity

2. Vision and Mission of GTU - GSET

Vision:

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

Mission:

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

3. Awards / Honours received by Faculty Members and Students:

Numbers of academic prominence, prestige renowned fellowships, research grants, associate ships, specified lectureships, desired awards and medals have been granted on the faculties and students in recognition of their academic and social achievements, during the last 12 months. Some of the distinctions include:

- Prof. (Dr.) S. D. Panchal (Professor):
 - a. Elevated as Senior IEEE Member
 - b. Received Best Section of the Year (IQAC Head) on the occasion of 15th Foundation of Gujarat Technological University
- Prof. S. K. Hadia (Associate Professor), received a Research paper award by CHARUSAT University, Changa, for the first Paper titled “Creation of Speech Corpus for emotion analysis in Gujarati Language and its evaluation by various speech parameters” and second paper titled “M-RPSS A modified RPSS for path scheduling of mobile sink in wireless sensor network” on 28th January 2022.

- **Prof. Gautam Makwana** (Associate Professor), won prize as a Runners up in GTU Chess Tournament and Champion in GTU Table Tennis Tournament held during GTU Sport Week held during 03rd-05th March, 2022
- **Prof. Mahesh Panchal** (Assistant Professor), won prize as a Second Runners Up in elocution competition on "विश्वमातृभाषादिवस" celebrated by GTU.
- **Prof. Deepak Upadhyay** (Assistant Professor),
 - Received an appreciation for technical contribution (to solve case with Patan Police) on the occasion of 15th Foundation of Gujarat Technological University.
 - Won prize as a Runners Up in the table tennis competition held during GTU Sports Week held during 03rd-05th March, 2022.
 - Appreciation received by Patan Police to solve the criminal case by providing technical assistance to the police team on 20th June 2022 and Cyber Crime Branch Ahmedabad to solve the fake degree certificate case on 15th June 2022.
- **Prof. P. S. Mann** (Associate Professor) received Certificate of Gratitude as Jury Member at Dewang Mehta IT Awards - 2022 by Dewang Mehta Foundation Trust during 2nd August 2022 to 6th August 2022.
- **Prof. Mridul Seth** (Assistant Professor),
 - Felicitated under Staff Recognition Scheme for Distinguished Educator of Bentley Education on the occasion of 15th Foundation of Gujarat Technological University.
 - Earned a global level Credly badge titled as "Bentley Education: Distinguished Educator", issued by Bentley Systems.
- **Mr. Ranchhod Khambhala** (Librarian), felicitated as a best employee of the year on the occasion of 15th Foundation of Gujarat Technological University.
- **Prof. Seema Joshi**, (Assistant Professor), earned Ph.D. Degree in the field of Computer/IT Engineering discipline (Notification No. 98/2022, Dt. 21.09.2022) from Gujarat Technological University, Ahmedabad.

4. Patent Grant/Research Grant received by the Faculties:

Sr. No.	Name of faculty	Details
1	Prof. Komal Borisagar (Associate Professor)	➤ Patent granted for the topic named "Optimized Informative Mirror" by Government of India, Patent office for the 20 years. ➤ Received grant of Rs. 55,000 under seed money scheme for the project on "High speed and low cost Milk Analyser for testing fat and SNF" from Gujarat Technological University.

5. Research paper publication/review:

Within the Master's program, the dissertation/research component is an extremely important component. Research is the parameter, which connects academia with industry and strengthens the postgraduate institute in actual means. The faculties and students of GTU-GSET have published and presented research papers/articles/book chapters in reputed journals and conferences respectively. The summary is as below:

Sr. No.	Name of faculty/student	No. of Publications
1	Prof S. D. Panchal	03
2	Dr. R. A. Thakker (Adjunct Professor), Shreya Patel, Urmila Patel (Students, M.E. MCNT (Batch 2020-22))	02
3	Asso. Prof. S. K. Hadia	03
4	Asso. Prof. Gautam Makwana	02
5	Asso. Prof. Komal Borisagar	06
6	Asst. Prof. Mahesh Panchal	01
7	Asst. Prof. Margam Suthar	02
8	Prof. J. A. Amin	01
9	Asst. Prof. Seema Joshi	01
10	Mr. Pranay Pratap (Student, M.E. MCNT (batch 2020-22))	01
11	Ms. Aanal Raval (PhD Scholar)	01
12	Ms. Arpita Maheriya (PhD Scholar (ADF))	01

The faculty members have reviewed more than 20 research papers/ articles /book chapters for various reputed journals and conferences.

6. Workshops/Conferences/Seminars/Technical Contribution:

Various Technical and Non-technical workshops, seminars, training programs and events have been organized by GTU - Graduate School of Engineering and Technology during the last 12 months. The detail is as below:

Sr. No.	Detail about activities	No of items
1	No. of Workshop/Seminar conducted/ delivered by Faculties	25
2	No. of Workshop/Seminar/FDPs coordinated by Faculties	39
3	No. of Workshop/Seminar Attended by Faculties and students	52
4	No. of Technical contribution by faculties	25
5	No. of Non-technical events by SAPTAK club	17
6	No. training programs under BOSCH Centre of Excellence	03

- Prof. J. A. Amin (Professor), have done consultancy work of Rs. 50,000 on Proof checking and Vetting of Structural Design and Drawings of Multi-Disciplinary Divisional Training School for Engineering, Mechanical & Traffic Department, Western Railway, Vadodara, Gujarat during 22nd September 2022 to 20th October 2022.

7. Major Technical Events at GTU-GSET:

Academia-Industry Meet (AIM-2022)

- **Date:** 2nd April, 2022 (200 attendees)
- **Objectives:** Bridging the industry-academia gap, revising the curriculum to meet industry demands and worldwide standards, and establishing the Patent Culture, Quality Research, and Innovations.
- **The AIM-2022 includes:**
 - Signing of MoUs with five industries
 - Five panel discussions on various
 - Poster presentation of M.E./Ph.D. projects,
 - Visit of DIC, AIC, BOSCH Lab and IoT Lab
 - Inauguration of VAPT Lab
 - Placement activity: qualifying exam and Personal interview





2nd Multidisciplinary International Conference: GTU ICON 2022

- **Date:** 21st September, 2022
- **Theme:** Emerging Trends Engineering and Technology
- **Attendees:** 150 attendees
- **Status of Received Papers:**
 - No. of Received Papers: 99
 - No. of Accepted Papers: 46
 - No. of Authors: 73
 - Percentage of Acceptance: 46%

MoU with the EduSkills foundation and started globally accredited Certificate courses

- University has signed the MoU with the EduSkills foundation and started the faculty & institute students' online training program.
- EduSkills Foundation' in association with ISTE, New Delhi
- Globally accredited courses (AWS, Microchip, Palo Alto, Blue Prism, Red Hat, Celonis, and Juniper)



- IQAC-GTU has organised NISHTHA (Noble Initiative to SHarpan Teacher's Holistic Ability), a three-day residential Faculty Capacity Building Program for all GTU faculty members at Polo Forest, Vijaynagar, from August 26th– 28th, 2022, under the visionary leadership of Hon'ble Vice Chancellor Sir and in accordance with NEP-2020 requirements. This program was attended by the entire GSET teaching community as well as the academic staff of all PG institutions.

8. Lab Infrastructure

Sr. No.	Laboratory	Major Equipment/Software purchased
1	Cyber Security and Digital Forensics Laboratory	Computer System with Latest Configuration FRED – Forensic Acquisition and Analysis workstation BelkaSoft Evidence Center
2	High Performance computing (HPC) Laboratory	MAC Based Apple Computer System Total Qty-12 Server System Network Simulators Burp suite Professional PARAM SHAVAK Super Computer
3	Vulnerability Assessment and Penetration Testing (VAPT) Laboratory	VPAT Open-Source Software for VAPT Activities Computer System with Latest Configuration Ethical Hacking Toolkit Nessus Vulnerability Scanner
4	ISEA Sponsored Lab	Computer System with Latest Configuration
5	Pentester Academy, USA	Attack-Defence Virtual Lab

9. Placements and Internships:

Final year students of GTU-GSET are doing their internship from the organization of national repute/well-known companies like Gurugram Police Academy, CID (Crime) Branch, Police Bhavan, Gandhinagar, Micro Circuit Technology, Ahmedabad, Masibus pvt. Ltd, Gandhinagar, Einfochips, Ahmedabad, Pronesis Technologies, Ahmedabad, Zibma Infotech, Surat, Infopercept Consulting Pvt. Ltd, Ahmedabad etc. The details are as follows:

Sr. No.	Program	No. of Students selected for Internship
1	M.E. - Cyber Security(Batch – 2021-23)	09
2	M.E. - Mobile Communication and Network Technology(Batch – 2021-23)	04
3	M.E. - Internet of Things(Batch – 2021-23)	10

Maximum students of the batch 2020-22 of the programs Cyber Security, Mobile communication and Network Technology and PG Diploma in Data Science got selected in campus placement/off campus placement in the various reputed organizations and companies like,e-Infochips Solutions, Ahmedabad, IIT-Gandhinagar, BlueInfy Solutions Pvt. Ltd., Ahmedabad, Accenture, Bangalore, Infosys pvt. Ltd., Pune, Tech Mahindra, Pune, Bisag Gandhinagar, Kloudone, Chennai, HackIT Tech, Microsoft Naunce etc. The details are as follows:

Sr. No.	Program	No. of Students selected for Internship
1	M.E. - Cyber Security(Batch: 2020-22)	25
2	M.E. - Mobile Communication and Network Technology (Batch: 2020-22)	11
3	PG Diploma in Data Science (Batch:2021-22)	08

Submitted by–

Prof. Rutika Ghariya, Asst. Prof., GTU – GSET

Prof. (Dr.) S. D. Panchal, Director, GTU – GSET

GRADUATE SCHOOL OF MANAGEMENT STUDIES (GSMS)

Graduate School of Management Studies (GSMS) is one of the PG schools of Gujarat Technological University for providing quality education in various branches of business management. GSMS has experienced academicians having doctoral degrees in various fields of management. It is the only state university sponsored institute that runs AICTE approved MBA (International Business) and MBA (Innovation, Entrepreneurship and Venture Development). GSMS also offers certification courses in Post Graduate Diploma in Digital Marketing and Post Graduate Diploma in Hospital Management. From the academic year 2022-23, as per the guidelines of NEP-2022, a unique course Bachelor of Business Administration (BBA) has been introduced to provide an opportunity for the holistic development of the students.

Vision

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

Mission

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

Events at GSMS

AAROHAN (The Sports Festival)



A yearly sports festival “AAROHAN” was organized on 1st January 2022 at GTU campus. More than 100 students participated in the various indoor and outdoor individual as well as team games. The sports festival was organized with an aim to develop teamwork and sportsmanship spirit among management students along with the physical fitness.

AAVKAR (An Alumni Meet)

The first alumni meet of GSMS “AAVKAR” was organized on 5th March 2022 to facilitate, consolidate and coordinate alumni activities. Various entertainment and fun activities were also planned for the alumni followed by dinner. The objective of the meet was to enhance networking with the industry to help current students get internship and placements opportunities.



AVSAR (Days Celebration week)

The Cultural Committee of GSMS celebrated "AVSAR" from 28th March 2022 to 1st April 2022. This days' celebration week aimed to make memorable moments and strengthen the bond among students with a number of signature events such as Comfy Day, Twins Day, Zombie Day, Signature Day, and Traditional Day.



Art of Living Session on 23rd March 2022



ATAL Incubation Centre Visit on 18th April 2022

AVDHARNA (National Level IDEATHON)



'AVDHARNA' is a national-level pitching competition where young and budding entrepreneurs from all over the nation come in and pitch out their ideas/start-ups. It was organized by the GTU Innovation Start-up Center (GISC) and GSMS on 28th April 2022.

ABHIGAM (The Orientation Program)

To formally welcome the first batch (2022-2025) students of the BBA program, a three days orientation program "ABHIGAM" was organized from 4th to 6th August 2022 and to welcome MBA (IB) and MBA (IEV) students of 2022-24 batch, a two days orientation program was organized on 13th & 14th September 2022.

Festival Celebrations

In order to promote Indian culture among the foreign students of GSMS, various events were organised on the occasion of Raksha Bandhan, Ganesh Chaturthi, Teacher's Day and Diwali. The photographs below depicts the enthusiasm of the participants.





Raksha Bandhan Celebration on 10th August 2022



Ganesh Chaturthi Celebration on 30th August 2022



Teacher's Day Celebration on 5th September 2022

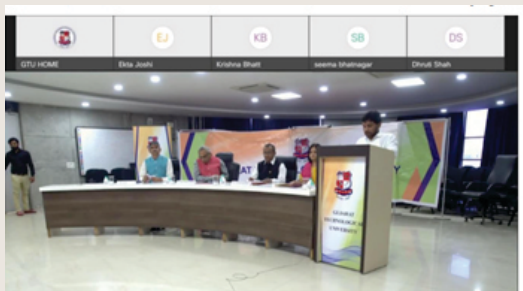


Diwali Celebration on 18th October 2022



2nd Multidisciplinary International Conference (GTU ICON) - 2022

GSMS organized an International Conference on 20th September 2022. The theme was 'Business Management in Turbulent Times'. Totally 40 papers were received across 5 categories of sub themes. More than 100 delegates and 60 authors registered for conference.



AICTE Sponsored National level One Week FDP on FinTech

GSMS organized AICTE sponsored online FDP on "Technology Applications in Finance FinTech)" during 07th March 2022 to 12th March 2022. More than 100 faculty members from across the country had participated in this FDP. There were 15 sessions of 2 hours which were delivered by 15 different experts from various National level institutes during these 5 days of FDP.



ABHILAKSHYA(The Management Fest)

A state level GTU Management Fest “ABHILAKSHYA” was organized on 12th October 2022 at GSMS - GTU. From all across the state, about 250 students from Engineering, Management and other streams participated in various events of Abhilakshya – 2022.

Garba Workshop

The cultural committee of GSMS organized a Garba workshop for the students on 22nd and 23rd September, 2022 under the guidance of Dr. Radhika Gandhi, Assistant Professor who is a well-trained Bharatnatyam dancer.

NAAC Awareness

A National Assessment and Accreditation Council (NAAC) awareness session for the GSMS students were conducted by Dr. Kaushal Bhatt, Associate Professor of GSMS on 14th October 2022. It helped students to understand the importance of NAAC and their role in the same.



Blood Donation Camp

The NSS unit of GSMS organized a blood donation camp in collaboration with Dainik Bhaskar Group on 30th November 2022.



Visit to National Defence Expo

A group of GSMS students along with faculty members visited the National Defence Expo – 2022 on 18th October, 2022 at Gandhinagar.

Constitution Day Celebration on 24th November 2022



Guest sessions

Throughout the year, guest sessions in the varied areas of management are organized for the GSMS students. The individuals who are well-known experts and possess advanced knowledge in a respective field are invited for a talk.

Placement at GSMS

GSMS Placement Cell is actively inviting various companies for placement drives and students got placement at the Minimum package of 3 LPA. GSMS conducts various capacity building programs for grooming students like interview skills, communication workshops, aptitude skills etc. and increase the employability skills among the students. This effort attracts companies to offer various positions like International Sales and marketing Manager, Sales Executive, Recruitment Consultant, Research Analyst-Finance, Jr. Executive Trainee, Business Development Executive etc. Reputed companies like BYJU'S, S&P Global, Mansukh Securities, Spectra Fuels, Lendingkart, PVK Ventures LLP, Torrent Power, and Befree Business Resourcing have offered the jobs to students of GSMS. Almost 80% of students got placed for jobs with average Salary Package of Rs 5 Lakh and other students opt for higher studies abroad.

Research & Publication by Faculty Members of GSMS:

Sr. No.	Name of Faculty Members	Research Paper Publication	Participation	Expert Session Delivered
1	Dr. Pankajray Patel	1-Scopus	1-Webinar 2-FDP	1-Regional 1-National 1-International
2	Dr. Kaushal Bhatt	2-Scopus 2-UGC CARE	2-Conference 3-FDP 2-Workshop 8-Seminar	2-Regional 2-National 1-International
3	Dr. Sarika Srivastava	3-UGC CARE	3-Conference 4-FDP 2-PDP 2-Seminar	3- Regional
4	Dr. Krishna Vaghela	3-Scopus 3-UGC CARE	2-Conference 4-FDP& 1-PDP 1-PDP	NA
5	Dr. Radhika Gandhi	1-Scopus	2-FDP	NA
6	Mr. Tushar Panchal	1-UGC CARE	2-FDP	3-Regional
7	Dr. Neela Multani	NA	4-FDP 1-PDP	NA
8	Dr. Pulkit Trivedi	1-ABDC 1-WoS 2-UGC CARE	1-PDP	2-Regional
9	Ms. Hetal Rathod	NA	1-PDP	NA

Submitted By –

Dr. Kaushal Bhatt, Associate Professor, GSMS, GTU

Dr. Neela Multani, Assistant Professor, GSMS, GTU

GRADUATION SCHOOL OF PHARMACY

Courses Offered

Sr. No.	Courses	Name of Course	Students 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		Pharmacovigilance and Medical Writing	15
7	Certificate Courses	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

Highlights:

Inauguration of 'Agilent Centre of Excellence'

Graduate School of Pharmacy and Agilent India Pvt. Ltd. has inaugurated “Agilent Centre of Excellence” at Graduate School of Pharmacy and signed MoU in the presence of Hon. Vice Chancellor Prof. (Dr.) Navin Sheth, Dr. Sameer Vyas, Country General Manager, Agilent India Pvt. Ltd, Dr. K. N. Kher, Registrar, GTU, and Dr. Sanjay Chauhan, Director, GSP.

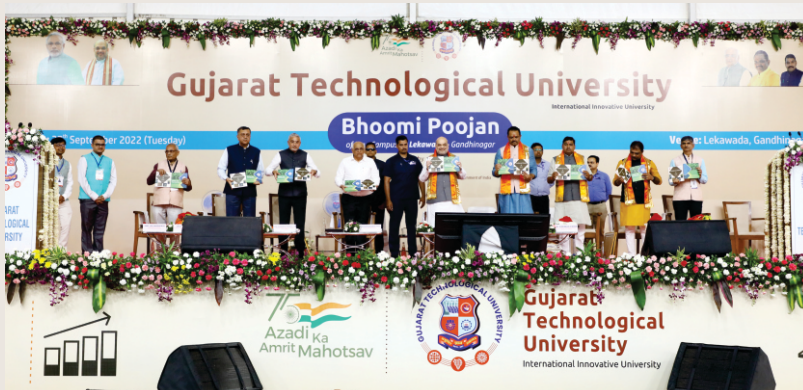


Interaction of GTU student with Hon'ble PM

Ms. Janki Goswami, a full time PhD Scholar, got a chance to interact with Honorable Prime Minister Shri Narendra Modi during his visit for inauguration of Metro at Ahmedabad.

Launch of Book- 'Medicinal Flora at Gujarat Technological University

A coffee table book "Medicinal Flora at Gujarat Technological University" prepared by Udaykumar Vegad, Dr. Jigna Vadalia and Dr. Sanjay Chauhan of Graduate School of Pharmacy was released by Hon. Minister of Home and Cooperation, Shri Amitbhai Shah on the occasion of Bhoomi Poojan of new campus of GTU at Lekawada on 27/09/2022



2nd Multidisciplinary International Conference GTU ICON 2022 – Pharmacy on 22.09.2022



Graduate School of Pharmacy organized 2nd Multidisciplinary International Conference GTU- ICON 2022 on the theme of "Emerging Trends and Innovations in Pharmaceutical Sciences" on 22nd September, 2022 which was sponsored by Verder Scientific.

Industry Collaborations



Graduate School of Pharmacy organized training on "Path for thinking and developing a Novel Product based on Disease Etiology" on 8th February, 2022. Dr. Manish Umrethia MD & CEO, Auxilla Pharmaceuticals and Research LLP an expert of the session.

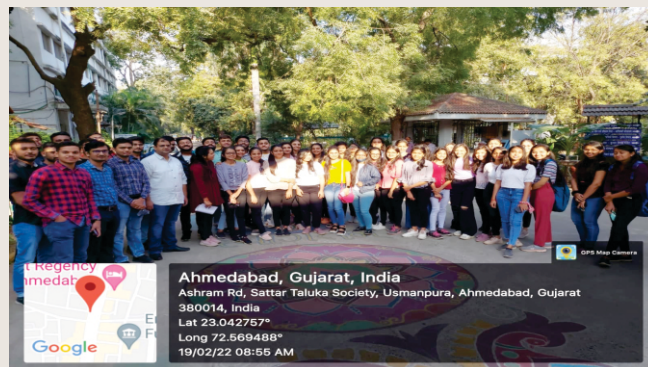


Faculties of Graduate School of Pharmacy went to Aum Research Labs Pvt. Ltd. & Intervein Research Labs for training for 3 days

Events of the Year

Heritage Walk

Faculties and around 55 students of Graduate School of Pharmacy went for Heritage Walk at Gujarat Vidhyapith on 19/02/2022



Annual Function

Graduate School of Pharmacy celebrated the Annual Function on 22nd February 2022. Students of M. Pharm actively participated and gave various performances in this function.



Visit of Foreign Dignitaries

Prof. Johnson Nyarko Boampong, Vice Chancellor of the University of Cape Coast (UCC) and other dignitaries visited Graduate School of Pharmacy, GTU and interacted on various opportunities regarding research, exchange program and training



Achievements of Faculty & Student

Dr. Kashyap Thummar and team of GSP-GTU are working on different projects which are related with Public health.

Patent of Dr. Kashyap Thummar has been granted for innovation on : HPTLC method for detection of Phthalates as Extractable and Leachable from Pharmaceutical Products.



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

SCHOOL OF APPLIED SCIENCES & TECHNOLOGY

School of Applied Sciences & Technology (SAST) is a recent addition to the technology education portfolio of Gujarat Technological University, Ahmedabad, Gujarat. SAST-GTU was established in Academic Year 2021 aimed at providing skilled and trained personnel in the field of Biotechnology, Bioinformatics and Biomedical Technology. In the previous academic year, the school introduced M.Sc. Industrial Biotechnology and PG Diploma in Bioinformatics programs. The school has also launched two new programs this year: An Integrated M.Sc. Biotechnology and a PG Diploma in Biomedical Technology. The school is a budding institution with State-of-the-Art infrastructure and Laboratory facilities.

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

Mission: To empower next-gen professionals with skills for global competitiveness by imbibing research-based aptitude, technological advancement, intellect and ethical values.

Technical events conducted by SAST-GTU

Basic Animal Cell Culture Techniques: Demonstration and Hands-on Experiment

School of Applied Sciences and Technology conducted two batches of 3-Days Workshop on "Basic Animal Cell Culture Techniques, Demonstration and Hands-on Experiment". Applications were received from Bachelors to Doctoral students across India from which 10 were selected and 2 internal PG students were also given the opportunity to get trained. The participants were introduced to the topic of Cell culture, different Cell Culture Techniques and its applications in Vaccinology through the theory sessions conducted by Dr. Vaibhav Bhatt, Dr. Chandrashekar Mootapally and Dr. Neelam Nathani.



Hands-on Training on PCR, RT-PCR, & Digital PCR in collaboration with GBRC

5-Days Workshop on "PCR, RT-PCR, & Digital PCR" was conducted at School of Applied Sciences and Technology in collaboration with GBRC during 5th - 9th September 2022. Active participation of candidates was noted throughout the sessions



Hands-on workshop on: Advanced Bioinformatics for Microbiome Analysis



At the Sustainability Fair-2022, UPES, Dehradun, the faculties Dr. Chandrashekar Mootapally and Dr. Neelam Nathani from The School of Applied Sciences and Technology conducted a two-day hands-on

workshop on **"Advanced Bioinformatics for Microbiome Analysis"**. The participants were introduced to the topic of various amplicon data analysis using QIIME2 pipeline, and shotgun data analysis using METABOLIC pipeline with its applications in scientific field at large through the theory and practical session

Science Fair 2022 (Fun with Microbes!)



On July 30, 2022, the School organized a Science Fair to boost the interest of 12th Standard students in the field of Biotechnology and Applied Sciences. The Fair started with an introductory session about the school followed by Foldscope making (a portable microscope made of paper). Apart from this, the science fair had other interesting sessions such as DNA extraction from banana, VR, and agar art using bacterial cultures. On the same day, the school unveiled VRUTANT, its first newsletter, which was designed to highlight the events that the school and its students participate in year-round

GTU ICON 2022 in Biotechnology on theme: Post-Pandemic Resilience through Biotechnology Interventions

School of Applied Sciences and Technology participated in GTU ICON 2022 by organizing an international conference in Biotechnology theme entitled "Post-Pandemic Resilience through Biotechnology Interventions". High numbers of applications were received to attend or present in the conference. The conference was filled with expert talks, poster presentations, and oral presentation in various themes of biotechnology.



Sustainability Fair 2022 at UPES, Dehradun

School of Applied Sciences and Technology received an award for an oral presentation at the Sustainability Fair 2022 at UPES, Dehradun, where research scholars presented a variety of ongoing research works and one research scholar won the first cash prize sponsored by ACS.



Expert Talk Session

An Expert talk session by Dr. Shantanu Shukla, USA, via online mode was organized under the Student Innovation Fest-2022 (Vigyan Gurjari). Around 110 participants including students and faculties took part in the session.



Awards

On the 15th Foundation Day of the GTU, Dr. Chandrashekar Mootapally (Assistant Professor, SAST) received an Appreciation Award for "Extramural Research Grant from GSBTM" in the category of Recognition of GTU Staff Members for Outstanding Accomplishments



The School of Applied Sciences and Technology has contributed in the longest Science & Innovation Expert Talk Series organized by Vigyan Gurjari, Karnavati Gandhinagar unit and on 30th August 2022 received a Medal and Certificate of World Record from Chief Editor-World Records India

Research Publications and Expert Talks by SAST-GTU

Faculty Name	No. of Publications	No. of Expert Talks	FDP attended
Prof. (Dr. Vaibhav Bhatt	13	06	02
Dr. Dolatsinh Zala	02	-	01
Dr. Chandrashekar Mootapally	02	04	01
Dr. Neelam Nathani	04	03	01
Dr. Kshipra Chauhan	-	01	01
Dr. Ashish Warghane	01	-	-

Research Projects by SAST-GTU

Sr. No.	Title of the Project	Name of PI & Co-PI/s	Duration	Sanctioned Total Funds	Funding Agency
1	Network Program on Antimicrobial Resistance, Superbugs and One Health (Environment Node)	Dr. Chandrashekar Mootapally Dr. Valbhav Bhatt, Dr. Neelami Nathni	2021-2024	85 Lakhs	GSB TM, Government of Gujarat
2	Venom apparatus transcriptome of lionfish: Molecular sieving for potential drug candidates	Dr. Chandrashekar Mootapally, Dr. Vaibhav Bhatt	2021-2022	100000 INR	SMS, Gujarat Technological University
3	Exploration of antiinflammatory and hepatoprotective potential of Onosmabracteata Wall - A controversial botanical source of Ayurvedic Medicine Gojihva	Udaykumar Vegad, Dr. Vaibhav Bhatt	2021-2022	30000 INR	SMS, Gujarat Technological University
4	Development and Validation of rtPCR assay for detection of	Dr. DolatsinhZala, Dr. NeelamNathani	2022-2023	100000 INR	SMS Gujarat Technological

	hepatitis B virus (HBV) - Contributing to Atmanirbhar Bharat in HBV diagnosis				University
5	Molecular identification of Hyalomma anatolicum ticks to map its genetic diversity in Gujarat	Dr. Kshipra Chauhan, Dr. Vaibhav Bhatt	2022- 2023	100000 INR	SMS Gujarat Technological University
6	Design & Development of fully integrated paper- fluidic DNA diagnostics chip for detection of bacterial diseases	Dr. Alok Pandya, Dr. Vaibhav Bhatt	2022- 2024	2133160 INR	GSBTM, Government of Gujarat

Students Achievements

Name of Students	Semester	Achievements
Ms. Saumya Singh	Sem-3 (M.Sc. IBT)	Got selected to attend the workshop on MALDI-TOF Mass spectrometry in Proteomics and Macromolecular Analysis at IIT-Gandhinagar
Ms. Bhavika Parekh	Sem-3 (M.Sc. IBT)	Won second prize in quiz in CWGPM2022 program at CSIR-IGIB
Ms. Pratiksha Nimbkar	PhD Student	Qualified FACT-PLUS-2022 in Biological Sciences conducted by NFSU in March-2022
Mr. Parth Sharma	JRF	Received an award for best oral presentation at the Sustainability Fair 2022 at UPES, Dehradun and won the first cash prize sponsored by ACS.

Name of Students	Course	Designation
Mr. Krishna Tiwari	PGDBI	As an executive bioinformatician at Life Cell International Pvt. Ltd., Chennai
Ms. Parin Vyas		As a genome analyst at Neuberger Center for Genomic Medicine, Ahmedabad
Mr. Kartik Chauhan		Got enrolled as PhD Scholar at SAST-GTU



**Pooja Ceremony of School of
Applied Sciences and Technology
at Academic Block-1, GTU in the
month of November**

**Submitted by –
Prof. Vaibhav Bhatt, Director, SAST, GTU**

GUJARAT POWER ENGINEERING & RESEARCH INSTITUTE (GPRI)

Webinars and Workshops Conducted by GPRI:

1. **Webinar on “Hvac Technology”:** A Webinar on "HVAC Technology" was organized for the 4th and 6th Semester Mechanical students to introduce brief significance of the HVAC Technology on 7th March 2022 by Dr. Vivek Patel, HoD, Mechanical Engineering Department. Expert Session was delivered by Mr. Prakash R. Bhandari, MD & Co-Founder of PMP Technology, Vadodara.
2. **Webinar on “Industrial Exposure and Internship”:** A Webinar on “Industrial Exposure and Internship” was organized on 3rd February 2022 in collaboration with Indian Cyber security solutions. This helped students unravel insights about responsibilities as Intern and its future prospects.
3. **One-Day Workshop on “Introduction to GISC, DIC, SSIP, COE & Innovative Projects”:** One day awareness workshop on “Introduction To GISC, DIC, SSIP, CoE & Innovative Projects” was organized for final year diploma students of K.D. Polytechnic, Patan, on 20th January 2022. Explanation of GIC, SSIP & Hands on sessions in Siemens COE and Solar R&D center were engaged by Dr. Vivek Patel, Dr. Utsav Gadhia, Dr. Lav Kaushik from Mechanical Department and Ms. Kavita Kriplani from GIC- GPRI under the guidance of Dr. A.M. Prabhakar, Principal GPRI.
4. **15-Days Software Training in AUTOCAD, REVIT & STAAD:** 15-Days software training program on AutoCAD, REVIT & STAAD was organized by Civil Engineering Department as a part of Summer Internship during 21st June to 5th July, 2022. Sessions on AutoCAD were delivered by Prof. Dhaven Rughani, Prof. Harmya Patel & Prof. Gaurav Vyas. Sessions on REVIT were delivered by Er. Sarvang Pandya (External Expert BIM engineer) & Sessions on STAAD were delivered by Dr. Jignesh A. Amin & Prof. Gaurav Vyas.
5. **Workshop on Energy Conservation:** The Department of Electrical Engineering hosted a workshop on energy conservation on April 27, 2022. Many students learned about the newest tools and technology being used by businesses. At the conclusion of the course, students received several chances for industrial internships with ONGC and ACES.



Covid Vaccination Drive-2022: NSS section of GPRI organized Covid Vaccination drive for the first semester students of GPRI on

1st February, 2022. The government officials from Primary Health Centre, Jagudan (Mehsana) came to vaccinate the students. Total 07 students' were vaccinated in this drive. The entire drive was coordinated by Dr Vikas Raval, Assistant professor, Department of Science and Humanities and Prof. Jignesh C. Patel, Assistant Professor, Department of Computer Engineering.

Industrial Visits by GPERI:

GPERI experienced a fruitful year from January 2022 to December 2022, because of the college's numerous academic and cultural initiatives. Various departments organized industrial tours for their students in order to foster the development of practical concepts. Students of Computer department visited reputed companies such as ONGC Mehsana and Einfochips Ahmedabad with their respective faculty members in the month of March and May. For students in the 5th and 7th semesters, the Mechanical Engineering department organised an industrial visit to Lanser Laser Ltd, Rajpura in September. Students of Electrical Engineering visited Harsh Pumps Industry and Vimal Flaxol Limited. Two days technical visit was organized at Sardar Sarovar dam & bridge construction site at Vadodara for 5th & 7th semester students of Civil, Mechanical and Electrical Engineering.



Placement Update of GPERI (2021-22)

In last academic year total 18 companies did placement drive for GPERI students of all branches. Over all 80% of the interested and eligible students got placed in different companies. In Civil Engineering branch 100% of students got placement. Last year 101 GPERI students of Civil, Computer, Electrical and Mechanical branch did final year internship in 56 different companies. An awareness program for GATE Examination for final and pre final year students of all branches was organised. Mr. Vikramjeet Singh, Executive Engineer, ONGC very nicely explained students the preparation strategy, benefits and opportunities of GATE examination. Training & Placement cell GPERI organised one Industry Institute Interaction meeting on 3rd September, 2022.



Alumni Cell (2021-22)

On April 30, 2022, GPERI arranged an online alumnus gathering. Since a total of 7 batches have graduated from the college, the GPERI alumni base has expanded significantly. A total of 50 alumni participated in the programme, and 10 alumni from countries other than India, including the US, Australia, Canada, and the UK, interacted throughout the conference.

Blood Donation Camp

GPERI put together a blood drive and thalassemia testing camp with the help of Prathma Lab. A total of 140 first- and third-semester students took the thalassemia test. Students and Staff members enthusiastically participated in blood donation. The entire program was coordinated by Dr. Divya Shah and Prof. Narhari Sadhu.



Submitted by –

Dr. Chirag Vibhakar, I/C Principal, GPERI, Mehsana

GTU – CENTRE FOR CONTINUING EDUCATION (CCE)



The centre is established with an objective to provide a platform to run the short term certificate courses as per the need of industries. As per the National Education Policy 2020 (NEP 2020), multidisciplinary learning for individuals across the sciences, social sciences, and humanities, will be increasingly in greater demand. Society needs multidisciplinary and a holistic education across the 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 scrutinizes 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 are successfully completed between January-2022 to November-2022.

Sr. No.	Proposing Institute/College/ Organization	Certificate Course	Duration	Course Completion on Date	No. of Beneficiaries
1.	Shree Naranjibhai Lalbhai Patel College Of Pharmacy,Umrakh	Practical Hands On High Performance Liquid Chromatography (Batch-2)	60 hours	26/2/2022	20
2.	Shree Naranjibhai Lalbhai Patel College Of Pharmacy,Umrakh	Quality by Design Approach for Pharmaceutical Formulation & Analytical Method Development (Batch 1)	55 hours	5/3/2022	63
3.	GTU-Graduate School of Engineering and Technology	Certificate Program on Front Desk Associate (Batch-4)	15 days	7/2/2022	70
4.	GTU-Graduate School of Engineering and Technology	Certificate Program on Travel Consultant (Batch-4)	15 days	7/2/2022	100
5.	GTU-Graduate School of Engineering and Technology	Certificate Program on Travel Consultant and Tourist Destination of Gujarat	5 days	8/2/2022	50

6.	Jagat Kyoso centre for Mathematics and sciences {JKMS Global}	Certificate Course In Bharatiy Ganit Shastra [Vedic Maths] (Batch 2)	45 hours	14/2/2022	11
7.	GTU-Graduate School of Engineering and Technology	Certificate Program on Travel Consultant and Gujarat Destinations	5 days	26/2/2022	56
8.	Narmada College of Management	EXIM Documentation & Procedures	40 hours	13/3/2022	18
9.	Shree Naranjibhai Lalbhai Patel College Of Pharmacy, Umrakh	Practical Hands On High Performance Liquid Chromatography (Batch-3)	60 hours	31/3/2022	18
10.	Dept. of Sports, Youth Affairs & Cultural Activities, GTU	Basic Course in Horse Riding and Management	60 hours	2/4/2022	5
11.	ROFEL Shri G. M. Bilakhia College of Pharmacy	Pharmaceutical Quality Management System (Batch 1)	36 hours	8/5/2022	40
12.	Dept. of Sports, Youth Affairs & Cultural Activities, GTU	Certificate Course in Equine Study	200 hours	3/6/2022	13
13.	Shri Satsangi Saketdham Ram ashram Group of Institutions Vadasma Mehsana	Practical Study Of Various Solar Systems And Electric Vehicle Technologies (Batch-2)	64 hours	30/6/2022	46
14.	Anand Institute of Management and Information Science	Digital Marketing and Search Engine Optimization	30 hours	6/7/2022	21
15.	SOPAN Institute of Engineering & Design	Short Term Industry Readiness Program	40 hours	12/7/2022	78
16.	Laxmi Institute of Technology, Sarigam	AUTOCAD for Design and Drafting	60 hours	5/8/2022	29
17.	Laxmi Institute of Technology, Sarigam & Penetration Testing	Basics of Cyber Security and Vulnerability Assessment	55 hours	4/10/2022	26

Since the beginning of the centre and till November-2022, there are total around 2200 candidates benefited in 23 different courses and received the course completion certificates.

Submitted by –
Mahesh Panchal, Assistant Professor, GSET, GTU

Dharohar – GTU Center for Indian Knowledge System

The NEP 2020 has given much emphasis on Indian Knowledge system and its spread on large scale amongst young generation. GTU had resolved to take measures in this direction and work for the preservation and expansion of Indian culture, heritage and knowledge system of ancient India and make them relevant in present context. Hence the first step was to start a center for IKS which was named Dharohar-CIKS, GTU in August 2021. GTU signed many MoUs with different organizations so that the objectives can be attained through substantial activities like lecture Series, short-term and long term courses, UG and PG Programmes, research projects etc. Geared up by NEP, GTU School of IKS and Dharohar Center constantly endeavor to excel research in IKS and Indic studies. Here are the details of it

Date	Collaborations with Institutes
17/02/2019	Research For Resurgence Foundation, Nagpur
24/06/2021	Bhishma School of Indic Studies, Pune
27/09/2021	Banasthali Vidyapith, Rajasthan
21/03/2022	Bharat Shodh Sansthan, Ahmedabad
18/04/2022	JKMS Foundation, Delhi & Vigyan Gurjari, Anand
19/04/2022	HCA, Australia & BSIS, Pune



Upcoming Courses. (January 2023)

S.N.	Course Name
1	Practical Approach of Shrimad Bhagwad Geeta In Life
2	Hindustani Classical Vocal Level 1
3	TELEGNOSIS - (Diagnosis and diving, based on Ayurveda and Astrology)
4	Mind Management for Wellness and Productivity
5	Introduction to Vedas
6	Introduction to Puranas
7	Introduction to Upanishads
8	Relevance of Kautilya's Arthashastra and Polity
9	Relevance of Ancient Indian Science And Technology
10.	Music Therapy
11.	Diploma in Anchoring

Completed Courses

Sr. No.	Short -Term Courses (3 Months - 4 credits)
1	Study of Vedas
2	Study of Ancient Indian Architecture
3	Study of Kautilya Arthashastra
4	Study of Upanishad
5	Study of Purana
6	Study of Ancient Indian Science and Technology
7	Nrityarasa - Bharatnatyam with Flavours of Indian Aesthetics
8	Bharatiya Ganit Shastra (Vedic Maths)-FDP

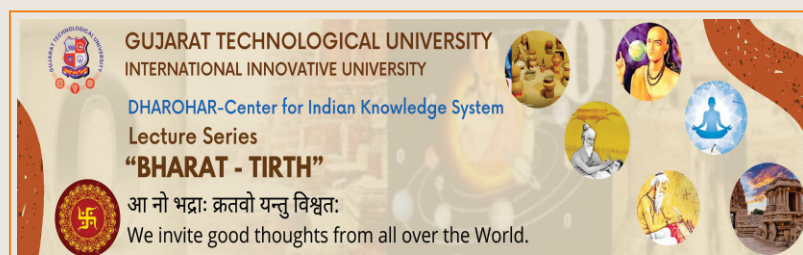
On-going Courses

Sr. No.	Course Name
1	PG Diploma in Indian Heritage and Culture Tourism Management (Association with RFRF)
2.	Graduate Diploma in Hindu Culture & Studies (Association with HCA & BSIS)
3	Diploma in Astrology

Bharat – Tirth Lecture Series

Sr. No.	Topic-Speaker
1	"Bharatiya Dharohar" - by Dr. Bhujang Bobade-(June 2022)
2	"The expansion of Indian Knowledge System in Modern Times" - by Dr. Ritendra (Ram) Sharma (July 22)
3	"Prachin Havamanshastra" - by Dr. Vidyadhar Vaidya (Oct. 22)
4	"Rocket Engineering in Vedas" - by Dr. Mitul Trivedi (Nov. 22)

Dharohar –CIKS started a monthly lecture series on Indian Knowledge System from June 2022



"Certificate Award Ceremony" – 1st Convocation 2022



The Certificate Award Ceremony for Dharohar- CIKS two batches was organized on 3rd September 2022. Around 1450 students from all states of India and other five foreign countries had registered for various 12 courses in IKS. More than 120 students personally came to receive the certificates. The Keynote Speaker Neeraj Atri explained elaborately what is their role in life and why they should do research in the emerging field of Indian Knowledge System

School of Indian Knowledge System

In August 2022, GTU started 2 Years Post Graduation Programme, **Master of Arts in Hindu Studies** under which 16 students have registered and classes are conducted regularly. The School of Indian Knowledge System has been given approval by Board of Governors in October 2022. So this is a landmark achievement of GTU in the direction of Multidisciplinary approach

Submitted by:

Dr. Shruti Anerao

Section Head, Dharohar

GUJARAT TECHNOLOGICAL UNIVERSITY
AN INTERNATIONAL INNOVATIVE UNIVERSITY

DHAROHAR- Center for Indian Knowledge System

M. A. in Hindu Studies

Blended 2 Years PG Course (Starting From :1st August 2022)

Key points :

- Sanskrit texts and Hindu Philosophy
- Western Methods and Theories understanding Discourses Reflecting Hindu Ethos of Universal Brotherhood.
- Bharatiya jnana Parampara - Its Acharya
- Communicative Sanskrit
- Tatva Vimarsh - Mimamsa Sastra - Vedas etc
- Pali and Prakrita Language and literature
- Principals of Jain Tradition / Buddhism / Vedang
- Elements of Indian History

Eligibility : Graduate in any discipline(Only 15 seats)

Fees : Rs. 12,500/- per year

Language of the course - Gujarati / Hindi / English/ Sanskrit

Registration Click Here
<https://forms.gle/zlgeoJW2hiSWnWjN6>

SECTION IV: DEPARTMENT OF INTERNATIONAL RELATIONS (DIR)

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

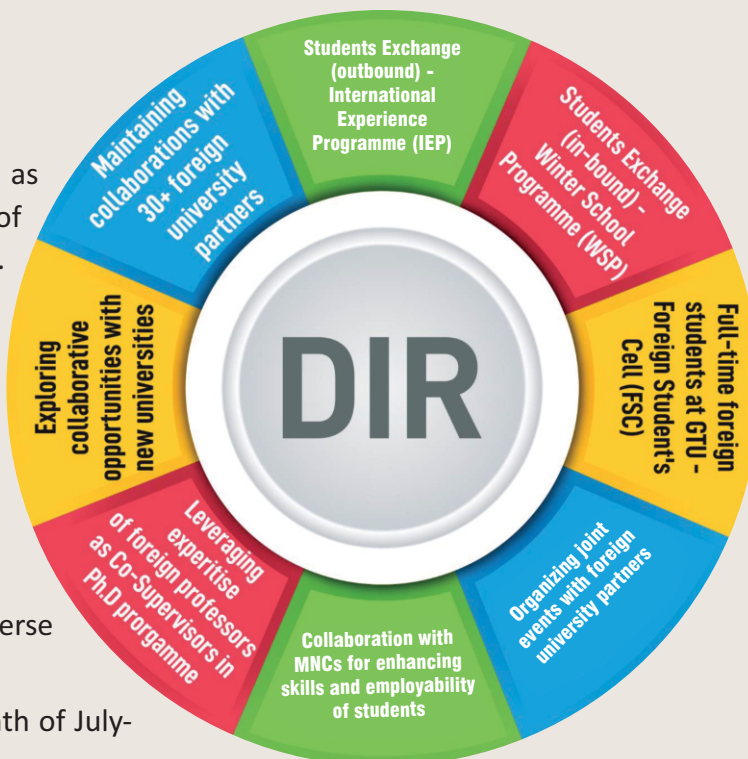
Its key domains are as below:

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 2200 students have benefited through IEP

INTERNATIONAL EXPERIENCE PROGRAM (IEP)

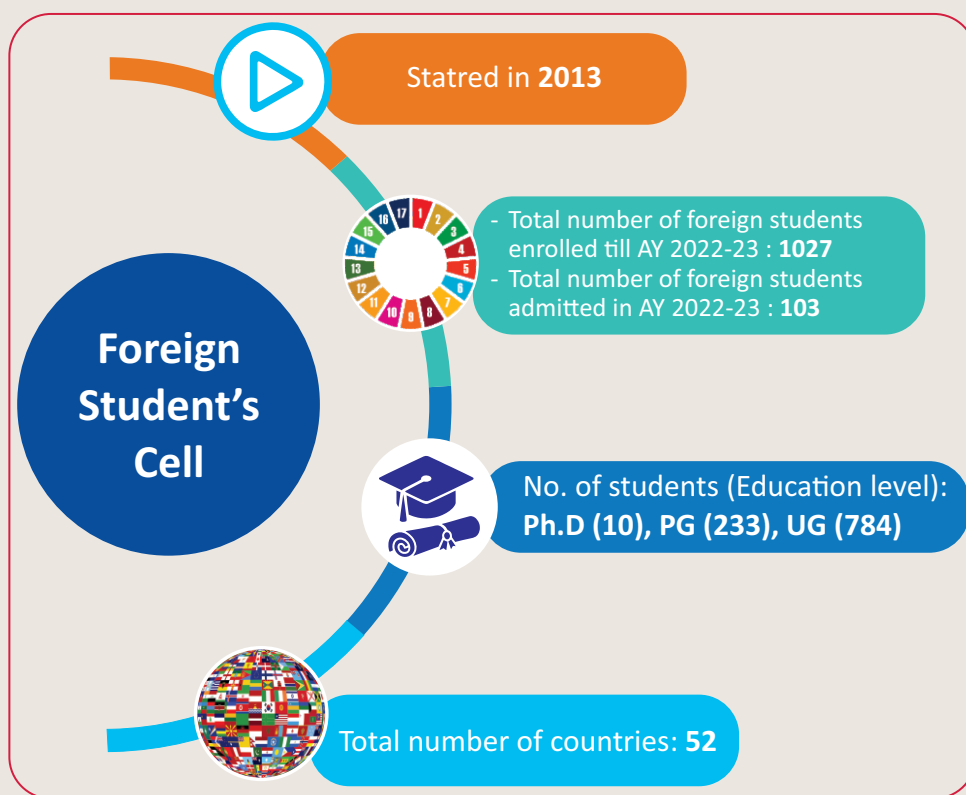
- **Key Objective:** To provide educational and diverse cultural exposure to GTU students.
- **Duration:** The program was executed in the month of July-August 2022.
- **Branches:** The students of Engineering & Pharmacy participated in IEP 2022.
- **Structure:** The student's study two subjects of pre-final year and summer internship at foreign university of their respective courses for which they receive subject waiver in their result. Additionally, the students also participate in industry visits as well as do the trip visits also.
- **Financial Support:** GTU sponsors the academic cost of teaching for all the students.
- **Benefits:** Intense overall exposure, positive influence on career opportunities, benefits in pursuance of higher study abroad, positive impact on personality development with enhancement of interpersonal skills.
- **Location:** Laurentian University, Sudbury, Canada
- **No. of Students participated in IEP 2022 :** 83
- **Mentors:** Dr. Jigna Vadalía (GSP, GTU) & Dr. Vikas Raval (GPRI, GTU)



IEP Laurentian University, Sudbury, Canada – 2022

Sr. No	Name of scholarship program	Country	Details	Duration	No. of selected students
1	Charpak Lab Scholarship 2022	France	Internship programme with stipend of Euro 700 per month to the student	May-July 2022	2
2	AICTE- Mitacs	Canada	Research Programme	May-July 2022	2

FOREIGN STUDENT CELL



ForeignStudents' 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.

GTU is among the top 5 universities in Gujarat to receive highest number of foreign students. GTU receives majority of foreign students through ICCR (Indian Council for Cultural Relations) Govt. of India as well as on Direct Applications by the foreign students.

Currently 347 foreign students from 52 various countries are studying at various GTU affiliated schools and GTU PG schools. From 2013 to 2022, GTU has admitted 1027 Foreign students from 52 countries of the world. With the presence of such a large number of foreign students from more than fifty countries of the world brings a high level of cross-cultural environment in the classrooms and make GTU a truly an international university.

Admission of Foreign Students (A.Y. 2022 – 23):

In the current academic year GTU has received more than 2000 applications through ICCR for admission into various courses offered by GTU. Out of these applications, 103 foreign students from 24 countries have been given admission in A.Y. 2022-23 at various affiliated institutes at GTU & GTU PG schools.

Country wise student bifurcation for A.Y. 2022-23 is shown below:

Country	No. of Students
Afghanistan	20
Angola	3
Bangladesh	27
Botswana	2
Democratic Republic of Congo	1
Djibouti	1
Ethiopia	1
Gambia	7

Country	No. of Students
Ghana	2
Indonesia	2
Kenya	3
Lesotho	5
Madagascar	3
Malawi	1
Mozambique	10
Namibia	1

Country	No. of Students
Nepal	3
Nigeria	2
South Sudan	3
Swaziland	1
Syria	1
Tanzania	1
Uganda	1
Yemen	2

INTERACTION WITH FOREIGN UNIVERSITIES/DELEGATIONS

Meeting with Varna University of Management (VUM), Bulgaria on 25.03.2022

Name of Delegates: Prof. Todor Radev, President VUM Bulgaria, Prof. Christina Armutlieva



Representatives from GTU: Prof. (Dr.) Navin Sheth, Hon'ble Vice Chancellor GTU, Dr. K. N. Kher, Registrar GTU, Dr. Keyur Darji, Director, Director, Department of International Relations from GTU and Mr. Ravish Shah from ICAAR

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

Meeting with Delegation from Government of Mozambique on 22.04.2022

Name of Delegates: Ms. Carla Maria Elias Caomba- Director General of IBE, Ms. Rachida Aligy Ussen Mamade- National Director for Planning, Ms. Isabel Vasco Matola- In Charge of Cooperation Department at IBE



Representative from GTU: Dr. K. N. Kher, Registrar GTU , Dr. Keyur Darji, Director GTU , Dr. Pankajrai Patel, Director, GTU, Mr. Ravish Shah, Advisory, GTU, Prof. Tendai Padenga, Ph. D Scholar, GTU

Purpose: Exploring opportunity for collaborations between Govt. of Mozambique and GTU for Mozambique students' admission to GTU and other programs in cooperation with Universities of Mozambique.

Meeting with Delegation from University of Cape Coast, Ghana on 29.09.2022

Name of Delegates : Prof. Johnson Nyarko Boampong, Vice Chancellor, Cape Coast University, Prof. Kwaku A.A. Boakyee, Professor, Cape Coast University, Prof. Richmond Afoakwah, Professor, Cape Coast University



Representative from GTU: Prof. (Dr.) Navin Sheth, Hon'ble Vice-Chancellor GTU, Dr. K N Kher, Registrar GTU, Dr. Keyur Darji, Director GTU, Mr. Ravish Shah, Advisory Committee GTU

Purpose : For Collaboration of Various Courses for the Students and Faculties.

Meeting with Delegation from Laurentian University, Canada on 17.11.2022

Name of Delegates : Dr. Serge Demers, Registrar and Secretary to Senate and Associate Vice President Students, Dr. Krishna Challagulla, Associate Professor and International Affairs, RidhiGosar, South Asia - Regional Recruitment Representative at Laurentian University.



Representative from GTU : Prof. (Dr.) Navin Sheth, Hon'ble Vice-Chancellor GTU, Dr. K. N. Kher, Registrar GTU, Dr. Keyur Darji, Director GTU

Purpose:

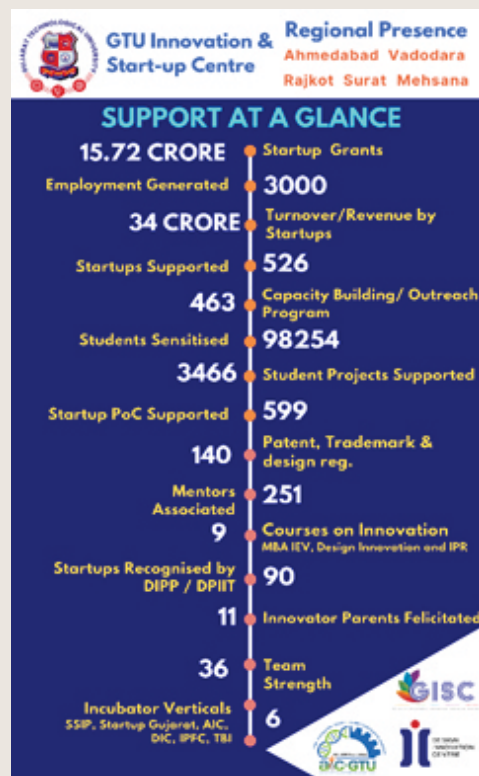
- For strengthening of IEP.
- Exploring the different aspects for GTU Students.
- Discussed about the joint academic programs like 1+1 and 2 + 2 path ways as well as special scholarship to GTU students with elimination of some steps in application procedures.

Submitted by –
Dr. Keyur Darji
Director, GTU

SECTION V : INNOVATION & SKILL DEVELOPMENT

GTU Innovation and Startup Center (GISC)

GTU Innovation and Start-up Centre (GISC) has been designed to establish a close connect between industries, entrepreneurs, faculty members and students to undertake research and development at the university, pertinent to the needs of industries at national and international levels. It helps to create a culture of design, innovation and aids in new product augmentation. GTU Innovation Council as an innovation pioneer has undertaken strategic steps to establish a close and continued interaction with the students spanning across its multifarious domains. GTU Innovation Council is one of the elite organizations of the nation for cultivating a multi-layered innovation ecosystem. Through its efforts for creating a culture of innovation and entrepreneurship across 10 years, an aura of developing the ecosystem in the state was conceptualized. The pilot projects and efforts have ideated many policies which have helped to change and shape up innovations and ignited the entrepreneurial mind-set of students. GIC is pioneering more than 12 initiatives in 8 sectors of the council. GTU has added a new feather to its cap by becoming India's first university to have been granted a **Technology Business Incubator (TBI)** status. Department of Science & Technology, Government of India approved GTU as a nodal institute to start his own Technology Business Incubator. The TBI is dedicated to cater to the niche segment of IoT / technology based start-ups. Also, GISC is now approved nodal institute to offer a start-up India seed Fund scheme to innovators / entrepreneurs. New Initiatives under consideration include Start-up Experience Zone (SEZ), an immersive & experiential work space for the start-ups to best display and project the mind to market potential of their products/services to the users, investors and dignitaries. The SEZs will be implemented across GISC from January'2023.



DIFFERENT POLICIES FOR FUNDING SUPPORT TO STARTUPS

Sr. No.	Grant Executed by GISC	Support/Assistance Available	Total Beneficiary detail
1.	SSIP 1.0	200 Lacs	469 Startups
2.	Scheme for Assistance for Startups/Innovators – IC Policy 2020	655.29 Lacs	42 startups
3.	Scheme for assistance for Incubator	Up to 5 Lacs for organizing an event	2 Lacs rupees
4.	Mentoring Assistance	14 Lacs	14 startups
5.	TBI	278 Lacs	Lab facilities
6.	SISFS – Startup India Seed Fund Scheme	126 Lacs	19 startups
7.	SSIP	2.0100 Lacs	Yet to be started

GISC Support to Start-up

Mentoring Support		
Sr. No.	Particular	Beneficiaries
1	Mentoring session	340 Startups
2	Showcase opportunity	150 startups
3	Woman lead startups	85 Startups

Financial Support		
Sr. No.	Particular	Beneficiaries
1	Grant support	INR 133.783 Lacs
2	Revenue Generated by startups	INR 523.6 Lacs

Glimpse of GISC Startups



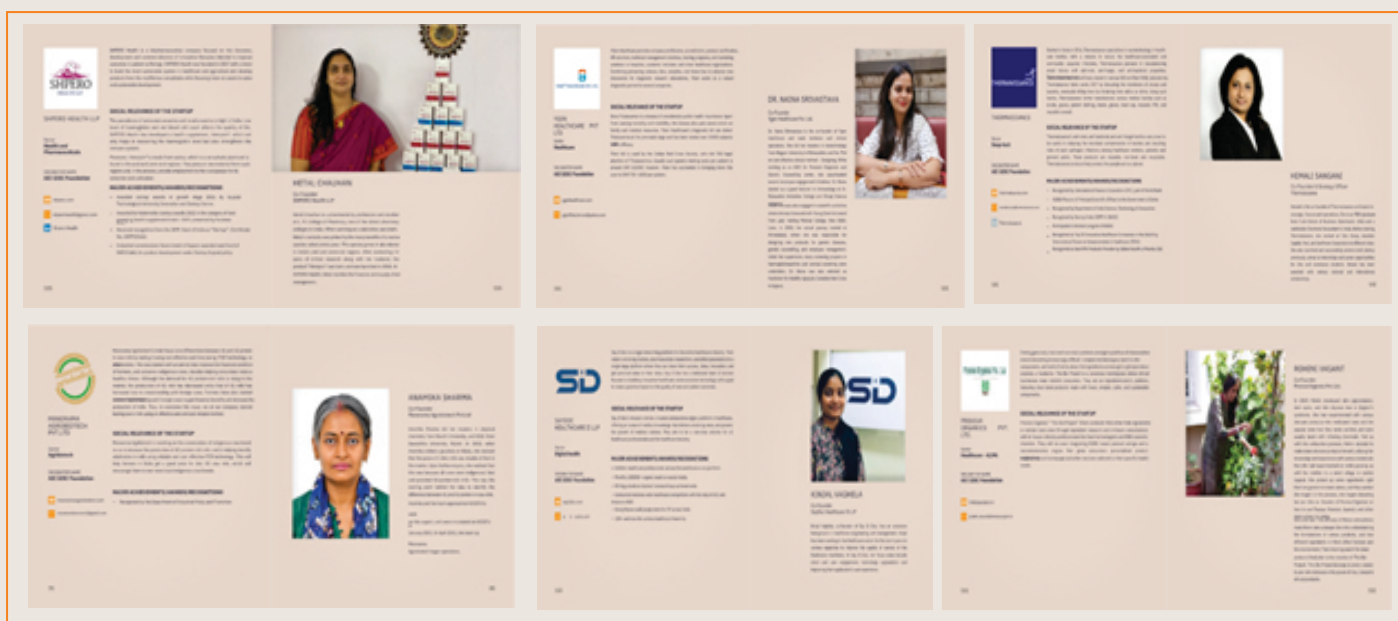
MoU between GISC & Toyota Tsusho India Private Limited (TTIPL)

Under the leadership of the Hon. Vice Chancellor, Prof. (Dr.) Navin Sheth, Registrar, Dr. K. N. Kher, the MoU was signed by Mr. Sudeep Ambare, Chief Executive Officer, GISC GTU and Mr. Diwakar G S, Director & Head Corporate, TTIPL in the presence of Mr. Shinjiro Ozaki , Managing Director, Mr. Nobuaki Yahiro-Managing Director, Mr. Tadashi Onishi, Snr. Vice President, Mr. Hiroshi Araki, General Manager, Mr. Manjunath.S., General Manager of TTIPL and Mr. Takehiko Furukawa, Director General at Japan External Trade Organization (JETRO) under Ministry of Economy, Trade and Industry of the Government of Japan.

AIC GISC Foundation

AIC – GISC foundation is selected under Startup India seed fund scheme as Approved Incubator to support the start-ups /Innovation (2 Cr for 5 years –February -2022). AIC – GISC Foundation is approved as a Host institute under MSME Champion Scheme by the Ministry of Micro, Small & Medium Enterprises Government of India to support the Start-ups/Innovation. (Up to 15 lakhs Funding assistance is available for the startups, Under MSME Hackathon 1.0 two startups get approval of Rs.27.25 lakhs of financial assistance). AIC – GISC Foundation is approved as Nodal Institute under scheme for assistance for start-up/ Innovation 2020 of Industries & mining department of Government of Gujarat to support start up and innovations (up to 40 lakhs/start-up, March - 2022).

- 10+ MoUs have been Signed by AIC- GISC Foundation with various Academic Institutions & Research organizations, AIC, other incubation centres and accelerators, Promotion support, corporate & funding agencies.
- 15+ mentors on-board; 21+ events hosted/participated; 25+ media coverage
- Supporting 10+ in house startups having female lead or female co-founder. On boarded 7 new Startups with AIC GISC with several innovative ideas and impacts.
- Received certificate of recognition from GTU innovation council Sankul award 2022.
- Co-conducted Women startup event “ANWESHA” across the Gujarat (5 Cities) to promote women entrepreneurs.
- Distinguished personalities, well known Health and Pharmaceuticals Industries persons, Corporate, Representatives of various universities & academic institutions, Startup ecosystem people, Scientist and research organizations and Dignitaries from Government officials come for the visit of AIC- GISC and 30+ testimonials collected from them which appreciated the infrastructural & lab facilities and team work & orientation of AIC staff towards the visitors.



AIC GISC's 6 Women entrepreneurs (Startups founder/co-founder) got placed in ATAL Innovation Mission's book "75 Womenpreneurs of India " published by AIM, NITI Aayog, Gol.

Distinguished Personalities at AIC GISC



Events organized by AIC GISC



Intellectual Property Felicitation Center (IPR Cell)

Intellectual Property Right (IPR) and in particular Patent is playing a key role in the current Knowledge based economy of any country, to increase the skilled human resource that are not only technically sound but also having in-depth knowledge of IPR and patents, GTU – IPFC has launched different courses in IPR

- Establishment of WIPO-TISC center at GTU in agreement with CIPAM is to stimulate a dynamic, vibrant and balanced intellectual property rights system in India to foster creativity and innovation. So far in India there are 6 centres and GTU will be seventh in the line as approved by CIPAM-DPIIT. GTU is the first university in Gujarat to set up **Technology and Innovation Support Center (TISC)**.
- More than 3000 students had participated in the IPR workshops, held at various GISC across Gujarat, wherein 417 projects from different technical fields were screened by University IP Screening Committee.
- Out of said 417 projects, 169 projects got selected and found eligible for financial assistance under GTU-IPR guideline.
- GTU-IPFC has provided free access to a paid Patent Database, which has been accessed by 1476 beneficiaries to study patent literature in their respective technical fields for concentrating their research more efficiently.
- At present 6th batch of PGDIPR is in progress, from the past batches of the same 13 students qualified the Patent Agent Exam of India and are currently serving in reputed organizations, 22 students are also preparing for the same.

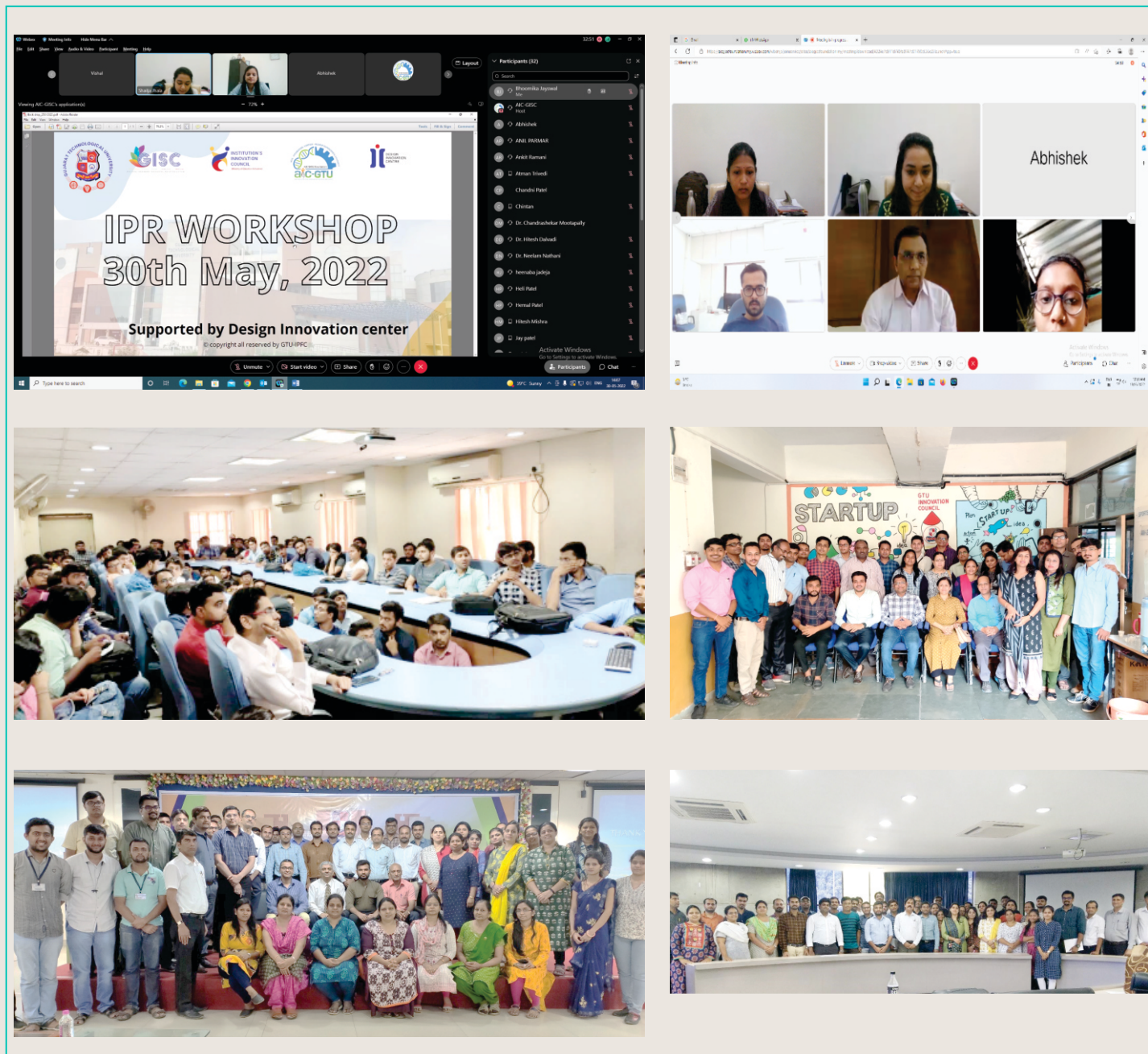
IPR Support at a Glance

Sr. No.	Support	Application Filled	Patent Granted/Approved
1.	Patent	126	13
2.	Trademark	19	17
3.	Design Patent	20	15
4.	PGDIPR Batch	6	5

Key Initiatives:

1. **PGDIPR:** It is an off campus program (Candidates can take up this course with his/ her ongoing study or job) with 120 hours of contact classes (This is highest among all such kind of program) where we teach Chinese Patent System (This is 1st time offered by any institute in India), ARIPO Patent System (This is 1st time offered by any institute in India) and Case study based learning (Each module will be supplemented with case study), Indian Patent Agent Exam Module (This is offered with PG Diploma course 1st time by any institute in India).
2. **WIPO - Technology Innovation Support Center (WIPO – TISC):** Gujarat's First University - GTU has established a Technology and Innovation Support Centre (TISC) under the aegis of The Cell for IPR Promotion and Management (CIPAM), under Department for Promotion of Industry and Internal Trade (DPIIT), MCI, Gol and World Intellectual Property Organization (WIPO). WIPO through its Technology and Innovation Support Centre (TISC) program aims to provide innovators in developing countries with 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.

1. **NRDC-IFC** : National Research Development Corporation (NRDC) working under Govt. of India's Department for Scientific & Industrial Research in Ministry of Science & Technology has selected Gujarat Technological University (GTU) as NRDC-Innovation Facilitation Centre. GTU is the only university in Gujarat to receive the permission for setting up the Centre. NRDC will fund to file innovative technologies to be patented. NRDC will provide its mentors, skill and experience to commercialise the innovations of GTU students, faculty and colleges. Online IP content will be created in support of NRDC for the use of students as well as faculty members. GTU has received a total grant of Rs 10, 41,000/- from NRDC for this center.



Community Innovation & Co-Creation Centre (CiC3)

Community Innovation and Co-Creation centre was established to promote the spirit of co-innovation and to engage wide range of ecosystem stakeholders apart from academia. This centre creates physical and virtual infrastructures to enable student innovators to convert their idea into demonstrable, functional prototype. Manufacturing, electronics, ICT are major domains of CiC3. Key facilities and work domains of CiC3 are mentioned as below:

1. **Fabrication Laboratory (FABLAB)** - University FABLAB is a combination of enabling community and physical space where professionals, students, researchers, innovators get access to professional tools, learn how to use those tools, meet and collaborate with other talented individuals to make things that matter to them and their community.
2. **Rashtriya Avishkar Abhiyan (RAA)** - RAA a framework that aims at nurturing a spirit of inquiry and creativity, love for Science and mathematics and effective use of technology amongst children and encourage those who show an inclination and talent for these subjects to be encouraged and supported to heights of academic excellence and research.
3. **GTU-IT Infrastructure Abhiyan (ITIA)** - In past 3 years, GIC has made efforts to create various processes involving MSMEs, students and chambers of commerce to build various infrastructures for MSMEs by technology students to improve their productivity and efficiency.
4. **Co-Creation with ATAL Tinkering Labs**- Atal Innovation Mission under NITI Aayog has setup Atal Labs in Schools to promote hands-on Learning opportunity and creativity to involve students in their early days.
5. **E-library** - GTU has subscribed and created the knowledge exploration of e-Library by procuring e-Resources and subscription of various reputed journals and sources like IEEE journals, EMERALD, ASCE, and ASME etc.
6. **Research Group** - GTU has 14 Research Groups in various fields of Management, Engineering with a vision to develop Professional research work. The aim of the research groups is to promote contextualized research into Information, communication and technologies.
7. **Skill Development** - University gave opportunity to students as well as faculty to develop and enhance their skills through organizing various skill development Programme at GTU.
8. **ROBOCON** – It is an International Robotics Competition organized every year by Asia-Pacific Broadcasting Union (ABU), for Asia Pacific Region. GTU ROBOCON Team is a team of 40 Students from various GTU affiliated Colleges.
9. **Mitsubishi Electric Cup** - Aim of Competition is to improve college students' engineering application capability, arouse their interests in learning technology, build up innovation capacity and cooperation spirit, as well as improve their self-management ability and communication skills
10. **GT Motorsports** - Aim of GT Motorsports is to provide an opportunity for students, to showcase their passion for automobiles while encouraging them to conceive, design and Fabricate 4- Wheeled single seated all-terrain vehicles.

Achievements (CiC3)

- GTU ROBOCON Team has secured 10th National ROBOCON 2022.
- GTU ROBOCON Team has awarded by “Visvesvaraya Design Award 2022” and (Rs. 1,00,000) for the Best Design of Robots
- GTU Motorsports Team has received following Awards in Formula Bharat 2022
 - National Champion
 - 1st in Acceleration Award
 - 1st in Autox
 - 1st in Endurance
 - 1st in Efficiency
 - 3rd in Design
- Prof. Raj A Hakani Faculty of CiC3 has received GEM Mentor Award by Atal Innovation Mission for AY: 2021-22
- Prof. Raj Hakani has done primary evaluation in SIH 2022



Design Innovation Centre (DIC)

Ministry of Human Resource Development proposed to launch a National Initiative for Design Innovation in the Twelfth Plan. Under this initiative, 20 new Design Innovation Centres (DIC), one Open Design School (ODS) and a National Design Innovation Network (NDIN), linking together all these schools, have been established across the nation. **GTU has been awarded the grant of Rs 10 Cr. by MoE** to establish Design Innovation Centre, to support innovative project of students and to promote culture of Design, Innovation & Entrepreneurship among young minds in Gujarat State. University premise works as a HUB and other 3 SPOKES are -

- Spoke1: AVPTI College Rajkot,
- Spoke2: Dr. S & S. S. Gandhi College of Engineering & Technology
- Spoke3: GEC Modasa to cover entire state.

Support Provided under Design Innovation Centre

1. **Skill Enhancement** - Design Centre of university provided opportunity to young Innovators /Researchers to develop and enhance their skills through organizing various skill development Programmes at DIC - GTU.
2. **Prototype Support** - DIC aims to foster innovation, research and entrepreneurship among students. This is the perfect platform for all students to showcase their skills, ideas, passion and connect with the visionaries, industry experts who can mentor you and help to transform your ideas/projects into realities.
3. **IP - Support** - DIC supported Innovators/Startup to file Patent, Trademark & Copyright and also conducted awareness workshops under IP Support Head.



Parameter of KPI	Hub & Spokes
No of Workshops /Events / FDPs	57
No of Boot Camp for school Students	10
No. of Startups Supported	79
Total No. of Outreach	85,476
Exhibition	17
Publication	01
Patent	16
Workshops	78
Certificate Courses	07
Collaborative Research	03

Submitted by –
Mr. Mahendra Chaudhari, CEO, AIC GISC, GTU

Skill Development Centres

The Centres of Excellence established by GTU act as a centre to transfer current technologies to students and evolve into a research and innovation centre where focus is on Training, Knowledge transfer, Projects, Application, Research and Innovation. These centres will improve employability and provide greater opportunities for developing entrepreneurship. Skill Development initiatives are mentioned below:

1. GTU – BOSCH Centre of Excellence in Automation

Gujarat Technological University has initiated Centre of Excellence (COE) in I-4.0 frontiers of today's technology in Automation 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.

GTU – BOSCH Center of Excellence in Automation Training Programme During 2022				
Sr. No.	Program Name	Start Date	End date	Number of beneficiaries
1	Industrial Automation Three-Week Internship Program Batch -4	14/02/2022	02/03/2022	13
2	Industrial Automation Three-Week Internship Program Batch- 5	04/04/2022	22/04/2022	14
3	Industrial Automation Three-Week Internship Program Batch - 6	23/06/2022	08/07/2022	18
4	Industrial Automation Three-Week Internship Program Batch - 7	01/10/2022	17/10/2022	09
Total beneficiaries:				54

1. 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 LD 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 to make them employable.

GTU Keepsake Welding Research & Skill Development Centre Training Programme During 2022				
Sr. No.	Program Name	Start Date	End date	Number of beneficiaries
1	Beginners/Fresher Welding Training Course	11/01/2022	31/01/2022	21
2		08/02/2022	24/02/2022	33
3		28/02/2022	16/03/2022	19
4		24/03/2022	04/04/2022	13
5		14/04/2022	30/04/2022	22
6		14/04/2022	30/04/2022	10
		Total beneficiaries:		118

1. GTU- Industry Centre of Excellence:

On February 28, 2020, GTU signed the MoU with the Eduskills Foundation and the Indian Society for Technical Education (ISTE) and established the "Industry Center of Excellence" at GTU-GSET. Also, GTU organized an awareness workshop of "Academic Collaboration with the Eduskills Foundation for The Globally Accredited Online Courses" for all affiliated colleges on 28th February 2022. In this workshop, more than 200 participants joined from different institutes where, Prof. (Dr.) Navin Seth, Vice



Chancellor GTU, Dr. K. N. Kher, Registrar GTU, Prof. (Dr.) S. D. Panchal, Director GTU-GSET, Dr. Pratapsinh K. Desai, President ISTE Delhi, Mr. Subhajit Jagdev, CEO Eduskills, Dr. Jayesh Shah, Associate Dean GTU and National Executive council member ISTE Delhi remained present. Under this COE, we have run the globally accredited online courses (AWS, Microchip, Palo Alto, Blue Prism, Red Hat, Celonis, and Juniper) training program 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:

Educator Training Program		
Sr. No.	Program Name	Number of beneficiaries
1	Amazon Web Service Academy i. AWS Certified Cloud Foundation ii. AWS Certified Solution Architect	2
2	Palo Alto Networks Cyber Security Academy I. Cyber Security Foundation ii. Network Security Fundamentals iii. Cloud Security Fundamentals iv. Security Operations Fundamentals	1
3	Celonis Academy Fundamentals	1
4	Celonis Execution Management Control.	1
5	Blue Prism: Foundation course and Associate Developer	1
	Total beneficiaries:	6

Submitted by –
Mr. Margam Suthar, Assistant Professor, GTU

Vishwakarma Yojana Project

Aim: Developing a village with a “Rural Soul” but with all urban amenities that a city may have”

About Vishwakarma Yojana

“Gujarat Technological University” has been allotted an important and prestigious Vishwakarma Yojana project by the Commissionerate of Technical Education in the year 2012-13 with a more than over Rs.10.80/-crore grant received. Phases I, II, III, IV, V, VI, VII, VIII, IX included 1775 (including MGNREGA project) villages completed. PHASE-X is now for academic year 2022-23.

Team for the project

The project is running under the guidance of Honorary Director Prof.(Dr.) Jayesh Deshkar, Pro Vice Chancellor, Atmiya University, Rajkot, Core Committee member of Prof (Dr.) Jigar Sevalia, Professor, SCET, Surat, Prof.(Dr.) K. L. Timani, Associate Professor, VGEC, Prof. Rena Shukla, Associate Professor, L.D. Engineering College, Prof. Y. B. Bhavsar, Associate Professor, VGEC, Prof. Jagruti Shah, Assistant Professor, BVM Engineering College, Prof. Mridulseth, Assistant Professor, VY-Supervisor, GTU and Ms. Darshana Chauhan, Assistant Administrative Officer, GTU.

Highlights of the Project for the students and Nodal Officers

The project is proposed to provide the benefit to the students of “real work experience”, applying their “technical knowledge” in the development of infrastructure in rural development, receiving stipend amount. Project is having following procedures - orientation Program which gives actual guidelines about the project development report (DPR) preparation, methodology for the village actual data collection & village development plan; Technical workshop/ seminar giving insight about the technical domain, policies and processes about the project, Academic Council Committee approval, awards for top 3



“best village development” & “best Village documentary film”. Detailed information for this project can be obtained from the GTU website - <http://www.vyojana.gtu.ac.in/>

Orientation Program of Phase-IX & Award for Best Project Village Development & Best Village Documentary Film for Phase-VIII organized on 9th February 2022 & 19th March 2022

Degree Colleges Best Village Report:

- Apollo Institute Of Engineering & Technology(Degree)–Ranasan Village,
- Merchant Engineering College(Degree)–Piludara Village,
- Adani Institute Of Infrastructure Engineering(Degree)-Nardipur Village

Diploma Colleges Best Village Report:

- Tapi Diploma Engineering College (Diploma)-Manvad Village,
- Atmiya Institute Of Technology & Science For Diploma Studies(Diploma)- Vajadi Village,
- Government Polytechnic, Godhra (Diploma)- Dayal Village ,

Degree Colleges Best Village documentary film:

- Merchant Engineering College(Degree) – Piludara Village
- Institute of Technology and Management Universe Technical Campus- Kamrol Village,
- Neotech Institute Of Technology- Bautha Village,

Diploma Colleges Best Village documentary film:

Government Polytechnic, Godhra- Chanchopa Village



MEET FOR “SUMMER INTERNSHIP” VISHWAKARMA YOJNA: PHASE-X

A program was organized for Degree Students on 30th June, 2022 and for Diploma students on 17th August 2022 for giving them all the guidelines about the project. The event was witnessed by various industry experts, nodal officers from various institutes and 176 students.



Submitted by -

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

Prof. Mridul Seth – Assistant Professor, VY – Supervisor, GTU

Ms. Darshana Chauhan – Assistant Administrative Officer, GTU

SECTION VI : SPORTS, CO-CURRICULAR AND NSS ACTIVITIES

GTU launched 'GTU Sports Logo' and “GTU Sports Fest-22” at GTU Chandkheda Campus. Dr. Arjunsinh Rana, Vice Chancellor, Swarnim Gujarat Sports University was invited as a Chief Guest. GTU Sports Section organized GTU Sports Fest-2nd Edition during 03rd to 05th March, 2022. Various games were played in GTU Sports Fest and more than 300 Faculty/Students/Staff enthusiastically participated in various games. 6 individual, 1 combined and 3 team events were organized at GTU Chandkheda campus..

GTU Sports Fest – 2nd Edition 03/03/2022 to 05/03/2022



36th National Games Awareness program 2022

36th edition of the National Games of India was held in various cities of Gujarat like Ahmedabad, Gandhinagar, Surat, Vadodara, Rajkot and Bhavnagar in the state of Gujarat. GTU Robotics club demonstrated technology based various Robotics game like “Arrow Throwing in to Pot”, “Lagori”, “Robotics Aarti” and “Racing Car” at GTU Chandkheda Campus as well as at River front Ahmedabad from 15th to 18th Sept 2022. More than 3500 to 4000 students participated in this program.



Khel Mahakumbh -State Level Horse Riding Competition

GTU Sports Section managed Inauguration function of 11th Khel Mahakumbh State Level Horse Riding Competition of Government of Gujarat and Deptt. Of Sports, Youth Affairs & Cultural Activities, Sports Authority of Gujarat. This Event was managed By Sports Officer Dr. A. H. Gohil as a Tournament Convener.



International Yoga Day Celebration - 2022



Yoga Marathon Program- 2022



World Day against Child Labour program 2022



GTU became Institute Partner of Nobel Cause Running Event on 12th June 2022, World Day against Child Labour at Decathlon Motera. More than 1000+, public joined. A 10 km race was organized jointly by "Stereo Adventures" & Decathlon, Motera.



GTU Sports
"Spirit"
2022-23

Cultural Activities

Rangoli Competition

On the occasion of GTU Foundation Day, Sports Section organized "Rangoli Competition" on the theme of "Azadi ka Amrit Mahotsav" and "GTU Foundation Day." Five Rangoli were given awards by the invited dignitaries.



Cultural "XITIJ" 2022-23

"Xitij" - Gujarat Technological University's youth festival is a bouquet of opportunities for youth, a platform for youth where they unleash their hidden talents and receive public accolades and become famous. Youth festival is divided in five different zones of Gujarat. After completion of youth festival in five different zones, an inter-zone is organized at a GTU affiliated institute where all the winners from the different zones showcase their best talent to strive to win inter-zone competition. This time the 10th Inter Zone Youth Festival was held at Sal College.



Other Activities

Prof. (Dr). Vaibhav Bhatt, (CEO-AIC) as a Panellist and Dr. Akash Gohil (Sports Officer) as a Resource Person attended the conference. Many Sports Authority and Personalities visited GTU Stall. From all over India 24 State Delegates were present in the conference.



Flag Distribution Program on 5th August 2022

The national flag was distributed among the GTU staff and students on 05/08/2022 under 'Har Ghar Tiranga Abhiyan' by Gujarat Technological University. The GTU staff enthusiastically participated in this program and all of them took a resolution that they will hoist the national flag at their residence from 13th to 15th 2022.



Independence Day Celebration



Matri-Bhasha Divas Celebration on 21st February 2022



Self Defence Awareness Programme 2022

More than 50 colleges and 4000 women participated in Self-Defence Awareness Programme.

Basic Rock Climbing Training Camp – 2022

"Basic Rock climbing training camp" was organized by Gujarat Technological University from 15/11/2022 to 24/11/2022 for 10 days. About 85 students from GTU affiliated institutions from various districts of Gujarat enthusiastically participated in the Basic Rock climbing training camp. The students who participated in the camp were trained in rock climbing, rock rappelling and how to rescue and rappel in case of emergency to avoid any kind of casualties and they were also awarded certificates.

Thaganat Garba Utsav – 2022

GTU family always takes the initiative to celebrate various festivals and events. In this regard, Navratri was organized on 12/10/2022 in the premises of GTU. The staff, students and their families participated in this Garba festival very enthusiastically. The program was organized by the Sports Department. GTU also awarded attractive prizes for Best Performer (Male/Female), Well Dressed (Male/Female) and under Kids & GTU PG students' category in this event.



International Youth Summit – 2022 at Hyderabad

"RISING WITH KINDNESS – YOUTH SUMMIT 2022" was organized by Heartful Campus Program Heartfulness Education Trust from 12/08/2022 to 14/08/2022 for 3 days. About 20 students & 4 faculty members from GTU affiliated institutions enthusiastically participated in the International Youth Summit – 2022 at Hyderabad. The students who participated in the summit were awarded certificates.



National Service Scheme - (NSS) Activities

National Service Scheme (NSS):

National Service Scheme (NSS) is one of the biggest youth organizations of the nation. It is connecting education campus with 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 Saplings Planted Under Tree Plantation- **10598**
- Total No. of Units of Blood Collected Under Blood Donation- **1510**
- Total No. of Blood Donation Camps Organized- **111**
- Total No. of Awareness Programs Organized - **235**
- Total Hours of Sharmdan Done By NSS Volunteers - **2091**
- Total No. of special camps organised by GTU NSS unit - **59**
- Total No. of NSS Unit celebrating constitution Day- **34**

(1) NSS-GTU Armed forces fund collection Award:

NSS-GTU actively collected Sainik Welfare Fund this year also like every year. GTU was appreciated by District Sainik Welfare & Resettlement Office for excellent contribution towards Armed Forces Flag Fund collection 2020-2021 on 23rd February, 2022 at Collector Office. From NSS-GTU Mithila Patel attended this felicitation ceremony and collected the award for NSS-GTU. GTU has received 3rd rank and has given trophy for excellent contribution towards Armed Forces Flag Fund Collection of Amount Rs. 4, 83,791/-.



(2) Seed Balls Making Project:

On Occasion of World Environment day GTU NSS announced and send e mail all GTU NSS units on 5th June, 2022 environment day celebration and seedball making project.



Number of the volunteers participated: approx. 6500

Number of NSS Units participated: 35

Number of the seed balls Making: 10379

Seedball preparation and plantation programme encouraged NSS Volunteers and informed them about the importance of the preservation of the environment.

(3) NSS State Day Celebration: 2022:

The GTU-NSS section organized the Pre-Selection camp on 14th September 2022. On this day a total 130 students participated from the GEC-Patan, GEC-Palanpur, GEC-Godhara and VGEC, Chandkheda. Total 14 events like Essay Competition, Elocution Competition, Slogan Writing Competition, Poetry Competition, Solo Song Competition, Group Song Competition, Instrumental Music Competition, Garba Competition, Solo Acting Competition, Traditional Costume Competition, Photography Competition, Rangoli Competition, Poster Painting were conducted in which students participated. For the team of 21 students the practice camp was held from 17th to 20th September 2022 at GTU-Chandkheda campus for various events. The Team participated in NSS state level at HNGU, Patan, from 21st to 24th September 2022 and achieved 5 awards -

1. Rangoli - 1st Place
2. Slogan Writing - 2nd Place
3. Elocution - 2nd Place
4. Group Song - 3rd Place
5. Instrumental - 3rd Place

The event was witnessed by various other state level 24 universities, students and program officers.



(4) Adventure Camp 2022 at Pong Dam, Kangra :

The Nine days Adventure Camp was sponsored by Government of India, Ministry of Youth Affairs & Sports, New Delhi held during 20th – 29th November, 2022 at Pong Dam, Kangra. Participants were fortunate to have well known and renowned experts for nine days camp. Last day in valedictory function Mr. Sanjiv Kumar (Trainer) gave trophy to all PO's and Batches to all students.

(5) Blood Donation Camp:

A blood donation camp was organized on 30/11/2022 at GTU- GSMS Chanakya Hall, Chandkheda Campus as a joint initiative of Gujarat Technological University, Pratham Blood Center and Divya Bhaskar. 55 Students, Staff and family members participated in Blood Donation Camp. This Event was organized by NSS Section.



**Submitted By – Dr. Akash Gohil,
Sports Officer & Program Coordinator NSS, GTU**

SECTION VII: VARIOUS CELLS & COMMITTEES

INTEGRATED TRAINING AND PLACEMENT CELL (ITAP)

Integrated Training and Placement Cell of Gujarat Technological University exists to cater its services to students and industry. It functions to motivate students and provides platform to students and faculties for necessary support related to Training and Placement.

9th centralized Pharmacy placement fair was organized by GTU and jointly sponsored by Youth Development Pharmaceuticals Association (YDPA) on 11th & 12th June 2022



Statistics of 9th Centralized Pharmacy Placement Fair 2022

Placement Fair 2022	Count
Number of companies registered	68
Number of Vacancies	1500
Number of companies participated	56
Number of students registered	780
Number of students participated on 1st day:11-06-2022	706
Number of students participated on 2 nd day:12-06-2022(repeat candidates)	360
Number of students shortlisted	743

Centralized Engineering placement fair was organized by Gujarat Technological University and jointly sponsored by CADD Centre on 10th September 2022

Statistics of Centralized Engineering Placement Fair 2022

Placement Fair 2022	Count
Number of Participants companies	45+
Number of Vacancies	1100+
Number of students registered	1500
Number of students shortlisted	500



Commencement of Centre for Career Counseling and Advancements (CCCA)

This center works with the aim of providing counseling as well as mentorship to the students for various career development exams. GTU has organized 3 weeks sessions from 2nd May 2022 to 20th May 2022. 50 students participated in the sessions.



Professional Development Programs (PDP) jointly organized by GTU & AICTE from 30th May 2022 to 13th June 2022 at GTU, Chandkheda Campus

A total of 4 programmes were organized by GTU, and its affiliated colleges. 2 programmes were organized by GTU for its Administrative staffs and 2 programs were organized by GTU affiliated colleges. All 4 PDPs were jointly sponsored by AICTE and GTU.



The details of the programmes are as given below:

Sr. No	Name of Program	No. of participants	Programme Coordinator	Dates of Programme
1	Professional Development Program for Administrative Officers, GTU	30	Dr. Keyur Darji	30 th May 2022 to 13 th June 2022
2	Professional Development Program for Administrative Assistants, GTU	30	Dr. Keyur Darji	30 th May 2022 to 13 th June 2022
3	Innovative strategies to develop professionalism at workplace, B. Pharm College, Rampura	38	Dr. Suresh Kumar	21 st February 2022 to 15 th March 2022
4	Professional Development Program- A pioneer for Non-teachers, C.K. Pithawala Institute of Pharmaceutical Science & Research, Surat	46	Mr. Yahya A. Mulla	7 th March 2022 to 22 nd March 2022

Recruitment Drives : ITAP-GTU executes various recruitment drives for students.

Recruitment from January 2022 to November 2022	Count
No. of Companies	285
No. of Vacancies floated	2665

Internship Drives: In 2022, ITAP- GTU has done following Internship drives:

Name of Company	Name of Internship	No. of Students registered	No. of students selected for Internship
Junagadh Municipal Corporation (JuMC)	Urban Body Exposure Program	29	11
International Automobile Center of Excellence	GTU Sem-8 Internship Program	1181	38

**Submitted by -
Dr. Keyur Darji, Director, GTU**

SAMVAD CENTRE



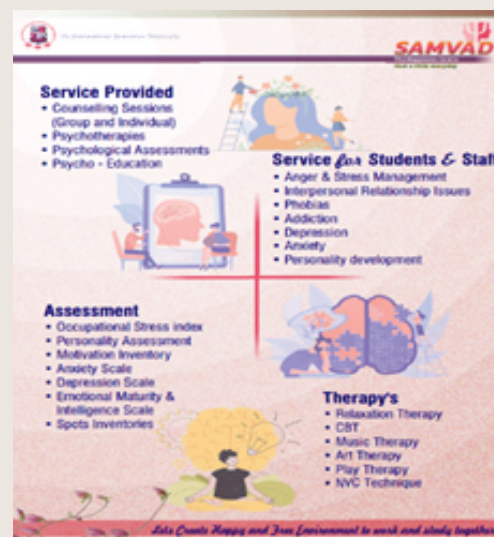
SAMVAD- 'The Happiness Centre' is established as a psychological counselling centre at GTU. The services of the center are provided to all the students, faculty members, and staff members along with their families. It was inaugurated by Shri Bhadraru Vachharajani and Dr. Harshad Patel. Various services are provided such as different psychotherapy, psychological assessments, psychoeducation, and awareness programs.

Activities conducted for staff members :

- Seminars on “An initiative towards positive self” for all GTU staff members.
- Individual department sessions on “Relaxation”.
- Sessions in Personality Development Program (PDP) on “Physical and mental well-being”.
- Seminar in collaboration with the “I'm happiness” organization for all GTU staff members where the three different therapies were applied such as Clap therapy, Aromatherapy, and Movement therapy which can be used in the daily life of individuals.
- Two-day practical seminar on “Stress management with relaxation” by Dr Nayan Solanki, for all the GTU staff members and GTU P.G schools where the basic understanding of stress was explained and how we can manage them as well as activities which were also conducted to feel the relief of stress.
- Regular individual Session on Personality development, Family and relationship counselling, and occupation stress handling is done.

Activities conducted for students:

- Sessions on the orientation of the SAMVAD center for every student in all GTU P.G schools.
- Psychotherapy for individual counselling sessions.
- Regular group and individual sessions on Personality development, Play & Music therapy.
- Session on “Mental Well-being” for management students.



Type of session	No. of sessions	No. of participants
Theory session	29	658
Practical session	9	190

Submitted by-
Ms. Manisha Gauniyal (Psychologist)
SAMVAD Coordinator, GTU

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-Dean and Faculty of Architecture
2	Member	CA.ChitralliParmar - Internal Auditor
3	Member	Ms.MonaChaurasiya - Research Coordinator
4	Member	Dr.Pankajray Patel -Director
5	Member	Ms.Seema Joshi - Assistant Professor
6	Faculty Member	Mr.KashaypThummar-Assistant Professor
7	Member	Dr.Sarika Srivastava- Assistant Professor
8	Member Secretary	Dr.Khushbu Batavia – Office Superintendent
9	Member from N.G.O	Ms.ShailazaAndhare –StreeChetna,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 Chitralli Parmar & Ms. Khushbu Batavia

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 'Cells' section of GTU website.

- Anti-Ragging Monitoring Cell
- Right to Information (RTI) Cell
- Equal Opportunity Cell
- UGC –Enabling Unit Cell (Higher Education for People with Special Needs (HEPSN))
- Grievance Redressal Cell
- SC-ST Cell

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Vision of IQAC:

To develop & review efficient quality enhancement processes in academic and administrative practices of university for achieving the excellence in higher education.

Mission of IQAC:

1. To develop a mechanism that integrates with each department to strengthen and build best practices.
2. To build an ecosystem of transparent operations in order to achieve excellence in academics and administrative activities.
3. To promote research culture amongst faculty members of the university.

Green University in Platinum Category: January 2022



Gujarat Technological University has received Green University in Platinum Category Award on 18th January, 2022, from the Green Mentors (Special Consultative Status with the Economic and Social Council of United Nations from 2021). The award is valid up to Academic Year 2023.

Mentorship Seminar and Launch of Mentor Mentee handbook for Students and Teachers: March 2022:



Gujarat Technological University, Internal Quality Assurance Cell organized a seminar on Mentorship Program for University Faculty members under the chairmanship of Hon'ble Vice Chancellor Prof. (Dr.) Navin Sheth at GTU Chandkheda Campus. Dr. Manisha Gauniyal Psychologist – GTU introduced the main aim of the seminar. All the Faculty members from the GSET, GSP, GSMS, GPERI and SAST were present in this seminar.

Seminar on 'Happiness at Workplace' keynote address by Mr. Kartik Poovanam (Eminent Speaker AICTE): April 2022

Gujarat Technological University- Internal Quality Assurance Cell organized a very fruitful seminar for its all staff members. The theme of the seminar was "Happiness at Workplace". The speaker of this seminar was a coach and author Mr. Kartik Poovanam (Eminent Speaker). How we can make balance between Personal and Professional Life, and as an employee of any organization how we can be happy with our work and work environment, he elaborated this subject very thoroughly. All the section heads along with their staff members were present in this seminar.



IQAC received Best Section Award in GTU 15th Foundation day Celebration: May 2022



Gujarat Technological University celebrated its 15th foundation day on 16th May, 2022. The chief Guest of this celebration was Hon'ble Education Minister of Gujarat Shri Jitubhai Vaghani. Internal Quality Assurance Cell (IQAC) received Best section Award for its new initiatives for the University.

"NISHTHA" Faculty Capacity Building Program: August 2022



Internal Quality Assurance Cell (IQAC), GTU organized Faculty Capacity Building Program “NISHTHA” Noble Initiative to SHarpen Teacher's Holistic Abilities. The event was organized at The Fern Resort, Vijaynagar Polo forest, Gujarat. Different aspects of teacher's abilities like Pedagogy and Active Learning, Effective Communication Skills, Student Handling and Counselling, Effective Classroom Management, Fun and Learn, Technical Writing, and Developing Research Proposal were covered by the different experts of the education field.

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 Teachers	8,50,000/-
2	Staff Recognition scheme (SRS)	Financial Reward disbursed to GTU staff members	1,05,000/-
3	Financial Assistance Scheme for Teachers (FAST) Assistance disbursed	Total Financial	1,90,000/-
4	Research Promotion Scheme for Minor Research Project (RPS-MRP):	Total Sanctioned Grant to affiliated institutes	10,56,000/-

Different expert sessions/workshops coordinated by IQAC-GTU

Sr. No.	Date	Event Name	Expert Name	Designation	Organization
1	06-10-2022	NAAC Expert Session	Dr. Atul Gonsai	Professor	Saurashtra University
2	18-10-2022	NAAC Expert Session	Dr. Jayendrasinh Jadav	Associate Professor	Sardar Patel University
3	07-11-2022	Lecture on OBE and CO-PO Mapping	Dr. S.D Panchal	Professor and Head IQAC	GSET, Gujarat Technological University
4	19-11-2022	Lecture on OBE and CO-PO Mapping	Dr. S.D Panchal	Professor and Head IQA	CGSET , Gujarat Technological University

Submitted by -

Dr. S. D. Panchal, Head, IQAC-GTU & Professor & Director, GSET-GTU

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

WOMEN DEVELOPMENT CELL VIDUSHEE GARGI CENTRE FOR WOMEN DEVELOPMENT



Gujarat Technological University has established Vidushee Gargi – Centre for Women Development. Center is supposed to organize various events related to development of female stakeholders of the university. Center organized a free Health Check-up camp for the GTU female staff and students on 30th December, 2021 at GTU Chandkheda. The objective of this camp was to generate awareness in female staff and students regarding early identification and management of anaemia by doing a basic haemoglobin testing. Entire event was divided in two sessions. In first session, Blood samples were collected and Bone mineral density test were

performed in first half of the day and in the second half consultation were done. Total 174 participants were being tested for Blood Test and 168 participants were being tested for Bone Mineral Density Test.

Moreover center has organized International Women's Day Celebration at Gujarat Technological University, Chandkheda campus on 8th March 2022. Approximately 150 participants have attended the event. Renowned writer Ms. Sonalben Modi and Pabiben Rabari, entrepreneur were invited to grace the occasion. Ms. Sonalben talked about role of women in the society, women empowerment and how women could play an important role in society and the whole family dependency on women for its daily activities. She discussed about the life of women and its hardness. She empowered women with her books, poem and small story which had given motivation to all participants. She had explained her journey of work for social causes and how she could help in benefit large number of women folk, school children and teachers in the rural area. Moreover felicitation of speakers and appreciation was done by presenting certificates to invited guests for society services: Dr. Pratibhaben Athwale, Dr. Hemangi Shah, Sharmishthaben Manat, and Pritiben Vasava. They were facilitated with mementoes for their valuable services towards the society.



Another guest was Pabiben, entrepreneur in Kutch, Gujarat. She had inspired the audience with her life story. Pabiben learned the famed embroidery of her community. Pabiben's speech was very motivational. Moreover, a lady like Pabiben Rabari is an inspiration for all women who want to shape their own future, and those of their families and future generations.

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

GTU ALUMNI ASSOCIATION

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

Initiatives and achievements of GTU Alumni Association during the Year-2022:

- The GTU Alumni Association provides a platform for graduates to stay in touch and maintain their ties to 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 to their academic growth. This is a result of the affection and connection students feel for their alma mater. To continue this strong connect GTU Alumni Association has developed and launched Alumni Connect Interactive Web Portal (<https://alumni.gtu.ac.in>) in February-2022 in GTUAA 1st Web Meet-2022. Currently, more than 17000 alumni are connected and using this portal to connect with their Alma Mater and student community.
- GTU Alumni Association has taken one more initiative to release the first issue of its biannual newsletter **“समवाय-2022”** in December-2022 in GTU 2nd Alumni Meet **“समवाय एकत्र सदा”** to highlight the achievements of some of their prominent alumni and to illustrate the institutions and university's overall advancement. Moreover, four events were organized during the year 2022 for students' encouragement and team building.
- Moreover, GTUAA is registered under 10A and 80G for Tax Relief for GTUAA alumni contribution in the year 2021-22 for benefiting alumni members as well as student welfare and development.



Submitted by –
Dr. Seema Joshi
Coordinator
Alumni Association

SECTION VIII : ACHIEVEMENTS OF AFFILIATED COLLEGES

NO. OF RESEARCH PAPERS PUBLISHED / PRESENTED IN CONFERENCE AND NO. OF CONFERENCES /FDP/ WORKSHOPS / STTP /SEMINARS /WEBINARS CONDUCTED IN 2022

FACULTY OF ENGINEERING					
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
1	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)74567			
2	012	GANDHINAGAR INSTITUTE OF TECHNOLOGY	59	15	35
3	067	SAL INSTITUTE OF TECHNOLOGY & ENGINEERING RESEARCH	17	5	45
4	126	SAL ENGINEERING & TECHNICAL INSTITUTE	7	4	20
5	113	SAL COLLEGE OF ENGINEERING	16	0	10
6	049	S.N.PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, UMRACH	24	0	1
7	039	S.P.B. PATEL ENGINEERING COLLEGE	5	4	40
8	130	SMT. SHANTABEN HARIBHAI GAJERA ENGINEERING COLLEGE	2	2	0
9	124	SARDAR PATEL COLLEGE OF ENGINEERING	3	2	5
10	056	GROW MORE FACULTY OF ENGINEERING HIMATNAGAR	40	2	2
11	084	R. N. G. PATEL INSTITUTE OF TECHNOLOGY - RONGPIT, BARDOLI	15	4	20
12	022	GOVERNMENT ENGINEERING COLLEGE, PATAN	53	6	14
13	009	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	36	37	34
14	137	GTU-GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY	12	7	15
15	082	DR JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY	9	1	1
16	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	21	3	6

FACULTY OF PHARMACY

1	235	PIONEER PHARMACY DEGREE COLLEGE	25	4	2
2	277	SAL INSTITUTE OF PHARMACY	24	5	10
3	216	C.K. PITHAWALLA INSTITUTE OF PHARMACEUTICAL SCIENCE AND RESEARCH	1	1	2
4	265S	MT. B.N.B. SWAMINARAYAN PHARMACY COLLEGE, SALVAV-VAPI, GUJARAT	11	1	2
5	254	SHREE DHANVANTARY PHARMACY COLLEGE	21	22	15
6	245	SHRI SARVAJANIK PHARMACY COLLEGE	21	7	10
7	228	L. M. COLLEGE OF PHARMACY	99	10	55
8	205	ANAND PHAMACY COLLGEG	18	12	23
9	208	ARIHANT SCHOOL OF PHARMACY & BIO-RESEARCH INSTITUTE	6	5	5
10	224	K.B.RAVAL COLLEGE OF PHARMACY	5	1	10
11	244	SARDAR PATEL COLLEGE OF PHARMACY	10	0	3
12	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	4	8	11
13	274	LAXMINARAYANDEV COLLEGE OF PHARMACY	4	1	8
14	201	A R COLLEGE OF PHARMACY & G H PATEL INSTITUTE OF PHARMACY	18	16	1

FACULTY OF ENGINEERING (DIPLOMA)

1	647	TAPI DIPLOMA ENGINEERING COLLEGE	1	0	3
2	651	TOLANI FOUNDATION GANDHIDHAM POLYTECHNIC	2	3	8
3	658	GOVERNMENT POLYTECHNIC, DAMAN	6	9	2

FACULTY OF MANAGEMENT					
1	810	SHREE SWAMINARAYAN INSTITUTE OF MANAGEMENT AND IT	5	8	2
2	769	SHRI JAIRAMBHAI PATEL INSTITUTE OF BUSINESS MANAGEMENT AND COMPUTER APPLICATIONS	30	18	16
3	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	21	12	13
4	771	SHRI M H KADAKIA INSTITUTE OF MANAGEMENT AND COMPUTER STUDIES 300			
5	755	SARDAR PATEL COLLEGE OF ADMINISTRATION & MANAGEMENT	8	1	0
6	773	SUNSHINE GROUP OF INSTITUTIONS	6	1	4
FACULTY OF ARCHITECTURE					
1	356	SAL SCHOOL OF ARCHITECTURE	1	1	18
TOTAL			743	243	538

NO. OF FACULTY MEMBERS WHO HAVE ATTENDED INTERNATIONAL CONFERENCE OUTSIDE INDIA IN 2022

SR. NO.	COLLEGE CODE	COLLEGE NAME	NO. OF FACULTY MEMBERS
FACULTY OF ENGINEERING			
10	56	GROW MORE FACULTY OF ENGINEERING HIMATNAGAR	1
2	009	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	2
3	067	SAL INSTITUTE OF TECHNOLOGY & ENGINEERING RESEARCH	4
4	126	SAL ENGINEERING & TECHNICAL INSTITUTE	1
5	039	S.P.B. PATEL ENGINEERING COLLEGE	1
FACULTY OF PHARMACY			
1	205	ANAND PHAMACY COLLEGE	17
2	228	L. M. COLLEGE OF PHARMACY	2
3	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	1
FACULTY OF MANAGEMENT			
1	810	SHREE SWAMINARAYAN INSTITUTE OF MANAGEMENT AND IT	4
FACULTY OF DIPLOMA ENGINEERING			
1	658	GOVERNMENT POLYTECHNIC, DAMAN2	
TOTAL			36

NO. OF BOOKS/BOOKS CHAPTERS WRITTEN BY FACULTY MEMBERS IN 2022

SR. NO.	COLLEGE CODE	COLLEGE NAME	NO. OF BOOKS/ BOOKS CHAPTERS WRITTEN BY FACULTY MEMBERS
FACULTY OF ENGINEERING			
1	056	GROW MORE FACULTY OF ENGINEERING HIMATNAGAR	1
2	084	R. N. G. PATEL INSTITUTE OF TECHNOLOGY - RNGPIT, BARDOLI	1
3	022	GOVERNMENT ENGINEERING COLLEGE, PATAN	1
4	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	5
5	009	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	2
6	012	GANDHINAGAR INSTITUTE OF TECHNOLOGY	8
7	137	GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY	1
8	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	2
9	067	SAL INSTITUTE OF TECHNOLOGY & ENGINEERING RESEARCH	1
10	126	SAL ENGINEERING & TECHNICAL INSTITUTE	1
11	113	SAL COLLEGE OF ENGINEERING112049S.N.PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, UMRACH	1
FACULTY OF PHARMACY			
1	205	ANAND PHAMACY COLLEGE	5
2	208	ARIHANT SCHOOL OF PHARMACY & BIO-RESEARCH INSTITUTE	2
3	254	SHREE DHANVANTARY PHARMACY COLLEGE	2
4	228	L. M. COLLEGE OF PHARMACY	12
5	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	1
6	274	LAXMINARAYANDEV COLLEGE OF PHARMACY	2
FACULTY OF MANAGEMENT			
1	769	SHRI JAIRAMBHAI PATEL INSTITUTE OF BUSINESS MANAGEMENT AND COMPUTER APPLICATIONS	3
2	773	UNSHINE GROUP OF INSTITUTIONS	2
3	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	6
4	810	SHREE SWAMINARAYAN INSTITUTE OF MANAGEMENT & IT	1
FACULTY OF DIPLOMA ENGINEERING			
1	647	TAPI DIPLOMA ENGINEERING COLLEGE	1
2	658	GOVERNMENT POLYTECHNIC, DAMAN	5
FACULTY OF ARCHITETURE			
1	356	SAL SCHOOL OF ARCHITECTURE	1
TOTAL			68

NO. OF PATENTS APPLIED BY FACULTY MEMBERS / STUDENTS / INSTITUTE IN 2022

Sr. No.	College Code	College Name	No. of Patents Applied by Faculty Members / Students / Institute
FACULTY OF ENGINEERING			
1	56	GROW MORE FACULTY OF ENGINEERING HIMATNAGAR	4
2	84	R. N. G. PATEL INSTITUTE OF TECHNOLOGY - RONGPIT, BARDOLI	9
3	22	GOVERNMENT ENGINEERING COLLEGE, PATAN	8
4	7	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	18
5	9	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	2
6	12	GANDHINAGAR INSTITUTE OF TECHNOLOGY	13
7	137	GTU-GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY	4
8	126	SAL ENGINEERING & TECHNICAL INSTITUTE	2
FACULTY OF PHARMACY			
1	205	ANAND PHARMACY COLLEGE	6
2	208	ARIHANT SCHOOL OF PHARMACY & BIO-RESEARCH INSTITUTE	6
3	254	SHREE DHANVANTARY PHARMACY COLLEGE	1
4	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	1
5	277	SAL INSTITUTE OF PHARMACY	1
FACULTY OF MANAGEMENT			
1	769	SHRI JAIRAMBHAI PATEL INSTITUTE OF BUSINESS MANAGEMENT AND COMPUTER APPLICATIONS1	
TOTAL			76

NO. OF PATENTS GRANTED TO FACULTY MEMBERS / STUDENTS / INSTITUTE IN 2022

Sr. No.	College Code	College Name	No. of Patents Granted to Faculty Members / Students / Institute
FACULTY OF ENGINEERING			
1	84	R. N. G. PATEL INSTITUTE OF TECHNOLOGY - RONGPIT, BARDOLI	5
2	22	GOVERNMENT ENGINEERING COLLEGE, PATAN	5
3	7	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	4
4	9	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	2

5	12	GANDHINAGAR INSTITUTE OF TECHNOLOGY	5
6	137	GTU-GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY	1
7	126	SAL ENGINEERING & TECHNICAL INSTITUTE	1
FACULTY OF PHARMACY			
1	205	ANAND PHAMACY COLLEGE	1
2	208	ARIHANT SCHOOL OF PHARMACY & BIO-RESEARCH INSTITUTE	3
3	254	SHREE DHANVANTARY PHARMACY COLLEGE	1
4	228	L. M. COLLEGE OF PHARMACY	2
FACULTY OF MANAGEMENT			
1	769	SHRI JAIRAMBHAI PATEL INSTITUTE OF BUSINESS MANAGEMENT AND COMPUTER APPLICATIONS 12773SUNSHINE GROUP OF INSTITUTIONS	1
FACULTY OF DIPLOMA ENGINEERING			
1	658	GOVERNMENT POLYTECHNIC, DAMAN	1
TOTAL			33

NO. OF CONSULTANCY PROJECTS RECEIVED BY INSTITUTE IN 2022

SR. NO.	COLLEGE CODE	COLLEGE NAME	NO. OF CONSULTANCY PROJECTS RECEIVED BY INSTITUTE
FACULTY OF ENGINEERING			
1	056	GROW MORE FACULTY OF ENGINEERING HIMATNAGAR	2
2	084	R. N. G. PATEL INSTITUTE OF TECHNOLOGY - RNGPIT, BARDOLI	26
3	022	GOVERNMENT ENGINEERING COLLEGE, PATAN	1
4	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	36
5	137	GTU-GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY	1
6	082	DR JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY	7
7	039	S.P.B. PATEL ENGINEERING COLLEGE	4
8	067	SAL INSTITUTE OF TECHNOLOGY & ENGINEERING RESEARCH	1
9	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	3
FACULTY OF PHARMACY			
1	235	PIONEER PHARMACY DEGREE COLLEGE	1
2	205	ANAND PHAMACY COLLGEG	4
3	208	ARIHANT SCHOOL OF PHARMACY & BIO-RESEARCH INSTITUTE	1
4	228	L. M. COLLEGE OF PHARMACY	11
5	254	SHREE DHANVANTARY PHARMACY COLLEGE	4

FACULTY OF MANAGEMENT			
1	810	SHREE SWAMINARAYAN INSTITUTE OF MANAGEMENT AND IT	2
2	773	SUNSHINE GROUP OF INSTITUTIONS	1
3	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	1
FACULTY OF DIPLOMA ENGINEERING			
1	647	TAPI DIPLOMA ENGINEERING COLLEGE	65
FACULTY OF ARCHITECHURE			
1	356	SAL SCHOOL OF ARCHITECTURE	13
TOTAL			184

NO. OF RESEARCH PROJECTS FUNDED BY GOVERNMENT AGENCIES IN INSTITUTE IN 2022

SR. NO.	COLLEGE CODE	COLLEGE NAME	NO. OF RESEARCH PROJECTS FUNDED BY GOVERNMENT AGENCIES IN INSTITUTE
FACULTY OF ENGINEERING			
1	056	GROW MORE FACULTY OF ENGINEERING HIMATNAGAR	2
2	022	GOVERNMENT ENGINEERING COLLEGE, PATAN	1
3	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	3
4	009	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	2
5	012	GANDHINAGAR INSTITUTE OF TECHNOLOGY	17
6	137	GTU-GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY	1
7	082	DR JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY	2
FACULTY OF PHARMACY			
1	205	ANAND PHAMACY COLLEGE	5
2	208	ARIHANT SCHOOL OF PHARMACY & BIO-RESEARCH INSTITUTE	3
3	254	SHREE DHANVANTARY PHARMACY COLLEGE	4
4	228	L. M. COLLEGE OF PHARMACY	6
5	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	3
FACULTY OF DIPLOMA ENGINEERING			
1	647	TAPI DIPLOMA ENGINEERING COLLEGE	1
FACULTY OF ARCHITECHURE			
1	356	SAL SCHOOL OF ARCHITECTURE	13
TOTAL			63

**NO. OF AWARDS RECEIVED AT STATE/NATIONAL/INTERNATIONAL LEVEL BY
FACULTY MEMBERS/STUDENTS/INSTITUTES IN 2022**

SR. NO.	COLLEGE CODE	COLLEGE NAME	NO. OF AWARD RECEIVED AT STATE/NATIONAL/INTERNATIONAL LEVEL BY FACULTY MEMBERS/STUDENTS/INSTITUTES
FACULTY OF ENGINEERING			
1	056	GROW MORE FACULTY OF ENGINEERING HIMATNAGAR	2
2	084	R.N. G. PATEL INSTITUTE OF TECHNOLOGY - RNGPIT, BARDOLI	1
3	022	GOVERNMENT ENGINEERING COLLEGE, PATAN	6
4	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	16
5	009	C.K.PITHAWALA COLLEGE OF ENGINEERING AND TECHNOLOGY	18
6	082	DR JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY	2
7	012	GANDHINAGAR INSTITUTE OF TECHNOLOGY	2
8	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	1
9	126	SAL ENGINEERING & TECHNICAL INSTITUTE	1
10	113	SAL COLLEGE OF ENGINEERING	8
11	067	SAL INSTITUTE OF TECHNOLOGY & ENGINEERING RESEARCH	24
FACULTY OF PHARMACY			
1	205	ANAND PHAMACY COLLEGE	9
2	208	ARIHANT SCHOOL OF PHARMACY & BIO-RESEARCH INSTITUTE	4
3	216	C.K. PITHAWALLA INSTITUTE OF PHARMACEUTICAL SCIENCE AND RESEARCH	1
4	254	SHREE DHANVANTARY PHARMACY COLLEGE	7
5	228	L. M. COLLEGE OF PHARMACY	1
6	244	SARDAR PATEL COLLEGE OF PHARMACY	1
7	242	SARASWATI INSTITUTE OF PHARMACEUTICAL SCIENCES	1
8	274	LAXMINARAYANDEV COLLEGE OF PHARMACY	2
9	201	A R COLLEGE OF PHARMACY & G H PATEL INSTITUTE OF PHARMACY	1
10	277	SAL INSTITUTE OF PHARMACY	1
11	224	K.B.RAVAL COLLEGE OF PHARMACY	4

FACULTY OF MANAGEMENT			
1	769	SHRI JAIRAMBHAI PATEL INSTITUTE OF BUSINESS	
		MANAGEMENT AND COMPUTER APPLICATIONS	1
2	773	SUNSHINE GROUP OF INSTITUTIONS	6
3	836	TOLANI MOTWANE INSTITUTE OF MANAGEMENT STUDIES	4
FACULTY OF DIPLOMA ENGINEERING			
1	647	TAPI DIPLOMA ENGINEERING COLLEGE	3
FACULTY OF ARCHITECTURE			
1	356	SAL SCHOOL OF ARCHITECTURE	2
TOTAL			129

TOTAL NO. OF CENTRE OF EXCELLENCE OPERATIONAL DURING THE YEAR 2022

SR. NO.	COLLEGE CODE	COLLEGE NAME	TOTAL NO. OF CENTRE OF EXCELLENCE OPERATIONAL
FACULTY OF ENGINEERING			
1	124	SARDAR PATEL COLLEGE OF ENGINEERING	1
2	084	R. N. G. PATEL INSTITUTE OF TECHNOLOGY - RNGPIT, BARDOLI	1
3	007	BIRLA VISHVAKARMA MAHAVIDYALAYA (ENGINEERING COLLEGE)	5
4	137	GTU-GRADUATE SCHOOL OF ENGINEERING AND TECHNOLOGY	4
5	082	DR JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY	3
6	020	GOVERNMENT ENGINEERING COLLEGE RAJKOT	1
7	126	SAL ENGINEERING & TECHNICAL INSTITUTE	8
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	3
TOTAL			28

PHOTO GALLERY OF AFFILIATED INSTITUTES



CoE in Foundation Engineering with SATT Engineering, Canada



CoE in IoT Infrastructure with System Level Solution (SLS) India Pvt. Ltd



Electro magnetics & Antenna Research Centre (ELARC) (TEQIP-III)



Center for Language & Skill Development (TEQIP-III)



IT Professional computational Building RED HAT Academy

Celebrating 75 years of Excellence

Birla Vishvakarma Mahavidyalaya
Engineering College, Vallabh Vidyanagar
[An Autonomous Institution]
Affiliated to Gujarat Technological University
Managed by Charutar Vidyamandal



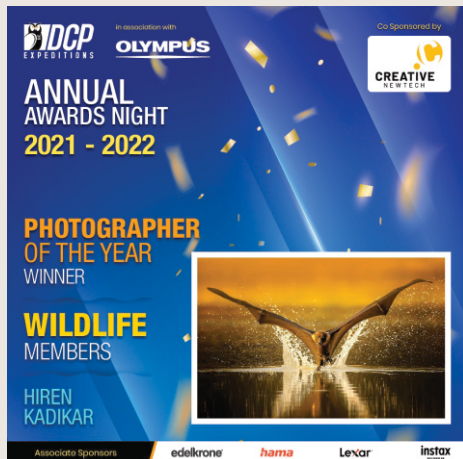
Birla Vishvakarma Mahavidyalaya Celebrated 75 years of Excellence



Anand Pharmacy College got NAAC A+ Grade (3rd Cycle of Accreditation)



Anand Pharmacy College received SSIP Phase 2.0 Matching Grant



Mr. Hiren Kadikar, Principal Arihant School of Pharmacy- Wild Life Photo Winner 2021-2022



Glimpse of Institute Achievements - Principal Saraswati Institute of Pharmaceutical Sciences, Chiloda



Smart India Hackathon Winner-2022 - S.P.B. Patel Engineering College, Saffrony Institute of Technology



Leadership Excellence Awards 2022 received by Sunshine Group of Institutions, Rajkot



Dr. Latesh B. Chaudhari, Principal, R. N. G. Patel Institute of Technology – RNGPIT, Bardoli



3 Star GSIRF Ranking for the year 2022-23 to Sardar Patel College of Pharmacy



PPDC NSS Camp at Pioneer Pharmacy Degree College, Vadodara



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



Gujarat Technological University

INTERNATIONAL INNOVATIVE UNIVERSITY

Gujarat Technological University

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 [GujaratTechnologicalUniversity](https://www.youtube.com/GujaratTechnologicalUniversity)

