

INFORMATION TECHNOLOGY SCOPE-2025



IN ERA OF
INFORMATION





Vision

- The department of Information Technology envisions to create roomed, technically competent and skilled intellectual It professionals.
- IT department vision to be a recognized leader in empowering our students to stimulate the exchange and creation of knowledge.
- We aspire for a future in which IT department’s active learning communities have never ending access to excellent training and learning, unrestricted by reliability issues, distance and choice of device.



Mission

The Information Technology department of Gyanmnajari Institute of Technology strives to provide students with the tools to become productive, participating global citizens and life-long learners. Along with that we provide outstanding technology infrastructure, services and solutions that advance teaching and learning, enable research, empower staff to provide exceptional services, We aim to provide an atmosphere for students and faculty for continuous learning to investigate, apply and transfer knowledge and provide need based quality training in the Field of Information Technology.



Goal

- **100% Placement**
- **100% Result**
- **Minimum 75% Attendance**
- **100% Syllabus completion**
- **Improve practical skills**
- **No single subject failure**
- **Overall growth of Students**

What is IT Engineering?

- ➔ Information Technology is an engineering division, which concentrates on the study of utilizing computers and telecommunications in order to control, gather, store and circulate information. Both software and hardware sectors are parts of Information Technology.
- ➔ Information Technology plays a vital role in our modern day lifestyles. It has touched each and every aspect of human life. With the emergence of computers, we are witnessing a sea change in the business world.
- ➔ Starting from multi-national corporations to small businesses, IT plays a stupendous role. In the field of Communication, Inventory Management, Data Management, Management Information Systems and Customer Relationship Management, IT plays a pivotal role.
- ➔ IT has also opened up various concepts like online shopping, digital marketing, social networking, digital communication, cloud computing, Mobile, and big data for solving many social and business problems.

Why do I choose IT?

- ➔ As technology continues to evolve, your career can too. Information technology isn't a static industry. New opportunities open up every day within companies or in related fields. With TAFE courses like the Certificate III in Information, Digital Media and Technology under your belt, you can rise up. Graduates can also choose to undertake further study through different IT and computing courses to expand your knowledge and skills.
- ➔ While technical support might be the right career for you in information technology, further study can open up more roles within the industry, such as:

Software Engineer
Systems Analyst
Technical consultant
Information technology coordinator
Designing and programming computer games.

Facts of Information Technology

TCS

3,90,880

Infosys

2,00,364

Wipro

1,66,790

HCL

1,17,781

Tech Mahindra

1,17,225

Employee Strength of Top 5

ONGC

33,500

Tata Steel

80,500

Indian Oli

33,135

Reliance

30,000

ICICI Bank

81,548

Important 7 Points

1st class subjective result

1

2

Minimum three projects (micro, mini, major)

Minimum four technical competition participation

3

4

Minimum two winner or runner-up level winning certificates.

Minimum two skill development certificate.

5

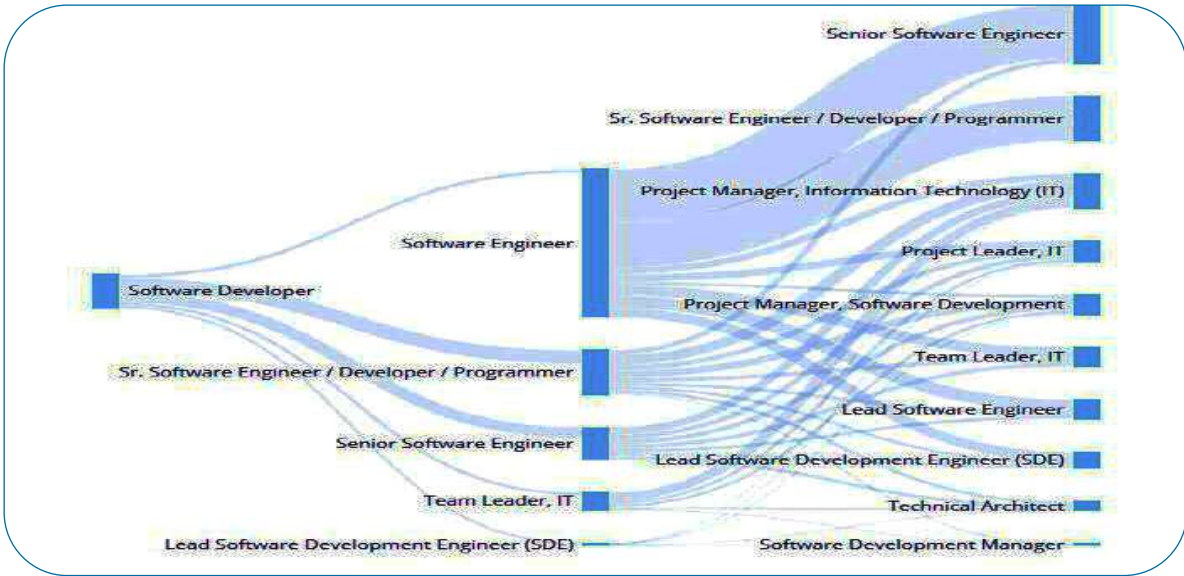
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Valid GATE/IELTS/TOFEL etc. score.

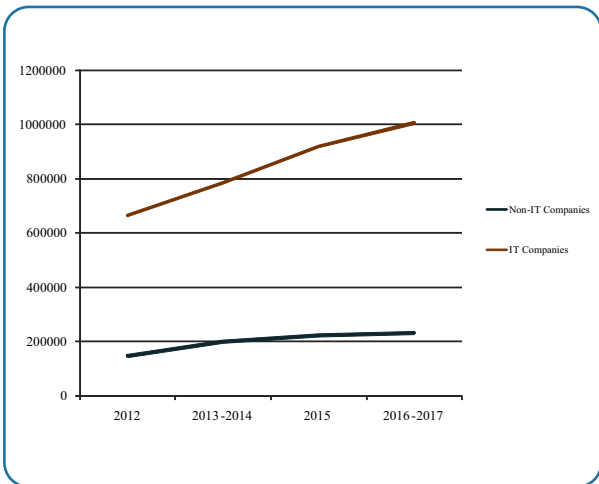
Good Managerial and Communication skill.

7

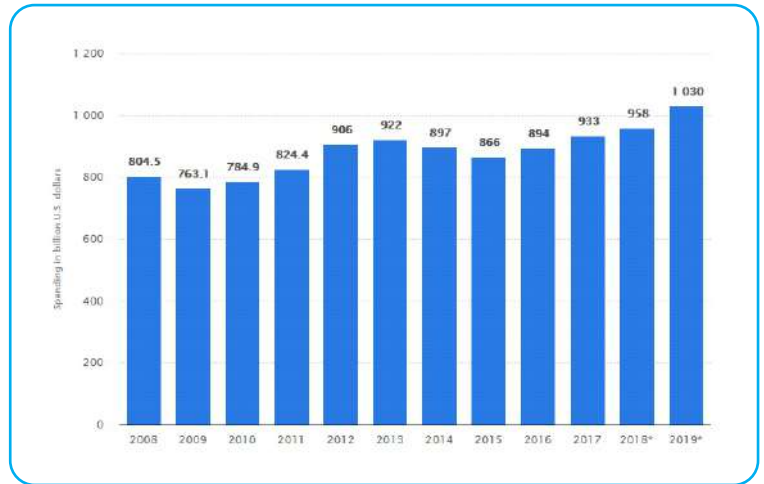
Common Career path for Software Development



Comparison of IT & Non-IT Companies in terms of employee strength



IT services spending forecast worldwide from 2008 to 2019



Richest Person List (forbes-2019)



Leading startups of IT field

Bharat Pe

BharatPe is an Indian fintech company that caters to small merchants and kirana store owners in India. The company offers a range of fintech products including interoperable QR code for UPI payments, Bharat Swipe for card acceptance, and small business financing.



OLA Cabs

Ola Cabs, is an Indian transportation network company offering services that include peer-to-peer ridesharing, rideservice hailing, taxi and food delivery. The company is based in Bengaluru, Karnataka, India and was developed by Bhavish Aggarwal Co-Founder and CEO and Ankit Bhati Co-Founder and CTO ANITechnologies Pvt. Ltd.



Zomato

Zomato is an Indian restaurant aggregator and food delivery start up founded in 2008. It was started by Deepinder Goyal and Pankaj Chaddah. It provides information, menus and user-reviews of restaurants, and also has food delivery options from partner restaurants in selected cities.



Paytm

Paytm is an Indian ecommerce payment system and digital wallet company, based out of Noida, India, with an initial investment of \$2 million by its founder Vijay Shekhar Sharma. Paytm is available in 11 Indian languages and offers online use-cases like mobile recharges, utility bill payments, travel, movies, and events bookings as well as in-store payments at grocery stores, fruits and vegetable shops, restaurants, parking, tolls, pharmacies and educational institutions with the Paytm Qrcode.



Dailyhunt

Dailyhunt is India's #1 news and local language content application. Their goal is to build a platform product for Indian language speakers and onboard more publishers & partners. Dailyhunt is a mobile application that provides local language content in 14 Indian languages from over 1000+ content providers. Dailyhunt's parent company is Verse Innovation. Its founder and CEO is Virendra Gupta. It is based in Bengaluru, India.

Leading startups of IT field

Cars24

Cars24 makes selling a car an easy, fair and quick experience. CARS24, buys any car - any condition, any make - from car owners and gives them the best price for their car.

Founded in 2015 by Vikram Chopra, CARS24's mission is to revolutionize the way used cars are sold in India. CARS24 creates an efficient and reliable way for car owners to sell their used cars at the Best Price.



PharmEasy

PharmEasy

This successful Indian startup is one of the largest pharmacy aggregators in India. It helps patients connect with local pharmacy stores and diagnostic centers in order to fulfill their extensive medical needs.

Started in 2015 by Dharmil Sheth and Dhaval Shah with a vision to deliver genuine medicines at affordable rates by optimizing the supply chain and logistics, PharmEasy now claims to be serving more than one lakh families.

PolicyBazaar

Policybazaar is India's largest and leading insurance aggregator website. They specialized in making a comparative analysis of the insurance products of various insurance policies based on price, quality and key benefits.

Back in 2008, insurance customers in India were facing a tough time that is when a small bunch of people including CEO Yashish Dahiya, with no insurance experience, started re-imagining what the insurance space could be..



policybazaar.com
Compare. Buy. Save.

POPxo

POPxo is a digital media startup founded by Priyanka Gill and Namrata Bostrom for women that deals with everything from fashion, beauty, lifestyle, work, etc. POPxo is India's Largest Digital Community For Women that creates content across beauty, lifestyle, fashion, weddings, wellness and entertainment. POPxo keeps you up to date with all that is trending. Our beauty segment covers everything from skin and hair care to weddings and DIY hacks!



POPxo

BYJU's

BYJU'S is the world's most valuable ed-tech company and the creator of India's most loved school learning app in India. Launched in 2015, by Byju Raveendran BYJU'S offers highly personalised and effective learning programs for classes 1 - 12 (K-12), and aspirants of competitive exams like JEE, CAT, IAS etc. BYJU'S has become one of the most preferred education platforms across the globe.



BYJU'S
The Learning App

What is ICT Engineering ?

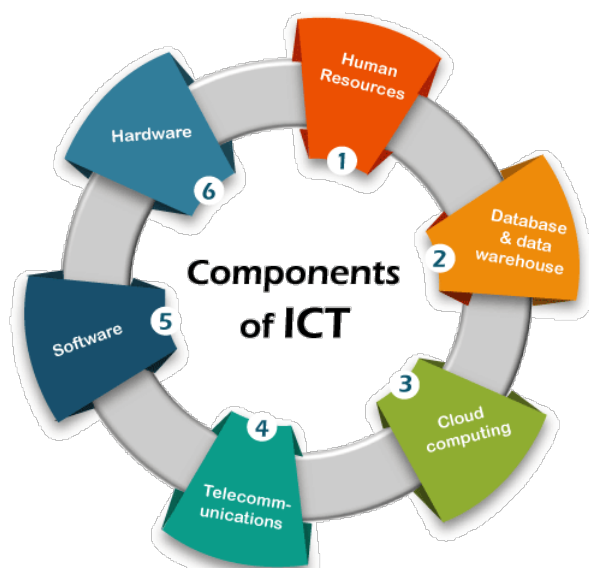
ICT Engineering is a multidisciplinary field that combines information technology (IT) and telecommunication technologies to enable communication, data processing, and digital services.

It covers areas such as computer networking, software development, cybersecurity, cloud computing, and artificial intelligence. ICT engineers design and manage systems that enable seamless connectivity, smart technologies, and digital transformation across industries like healthcare, finance, education, and smart cities.

With the rise of IoT, 5G, and AI, ICT Engineering plays a crucial role in shaping the modern digital world by improving communication efficiency, security, and accessibility.



Why do I choose ICT ?



Choosing ICT (Information and Communication Technology) Engineering as a student opens doors to a dynamic and ever-growing field that plays a crucial role in shaping the digital world. ICT professionals are in high demand across various industries, including IT, telecommunications, healthcare, finance, and cybersecurity. With advancements in artificial intelligence, cloud computing, and the Internet of Things (IoT), ICT offers a future-proof career with excellent job stability and high salary potential.

Beyond career prospects, ICT fosters creativity, innovation, and problem-solving skills, empowering students to develop cutting-edge technologies and solutions that impact society. Whether it's designing smart city solutions, developing AI-powered healthcare applications, or enhancing cybersecurity measures, ICT professionals contribute to making the world more connected and efficient.

Component of ICT

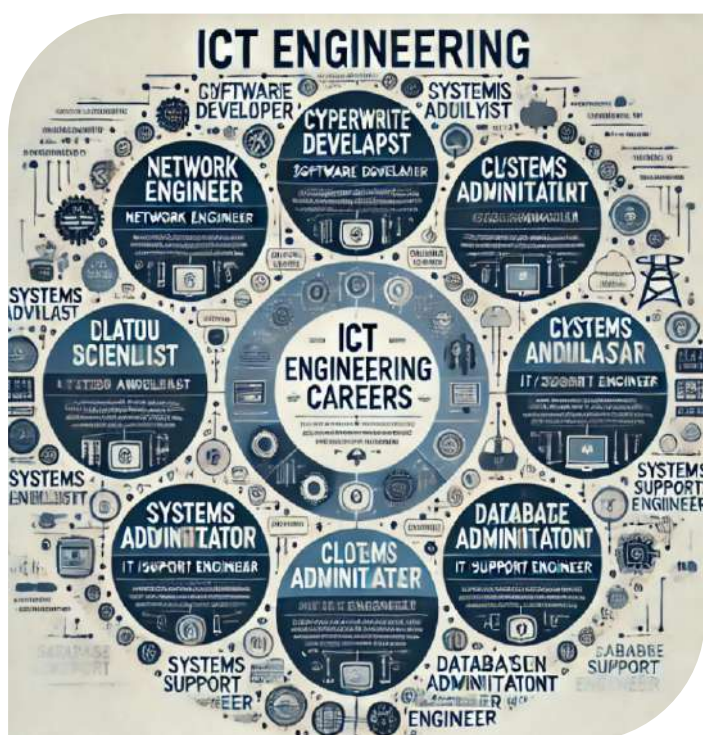
ICT Engineering integrates hardware, software, networking, and cybersecurity to develop and manage digital communication systems. It includes data management, cloud computing, IoT, and AI for efficient automation and decision-making. Digital media, multimedia, and ethical regulations ensure user-friendly, secure, and compliant technology solutions. ICT plays a vital role in various industries, driving innovation, connectivity, and digital transformation.

Graduate Attributes

ICT Engineering graduates possess technical proficiency, problem-solving abilities, and innovation skills to develop cutting-edge solutions. They excel in communication, teamwork, and ethical responsibility, ensuring professionalism in the digital world. With adaptability and lifelong learning, they stay updated with emerging technologies. Graduates also demonstrate entrepreneurial mindset, system thinking, and project management expertise, making them valuable in both industry and research. Their global and societal awareness ensures responsible and sustainable ICT advancements.



Employment



1. Software & Development

- Software Developer – Designing, coding, and maintaining applications.
- Web Developer – Building websites and web applications.
- Mobile App Developer – Developing applications for Android and iOS.
- Game Developer – Creating video games using programming and graphics.

2. Networking & Cybersecurity

- Network Engineer – Managing and optimizing computer networks.
- Cybersecurity Analyst – Protecting systems from cyber threats.
- Ethical Hacker – Conducting security testing to prevent breaches.
- Cloud Security Specialist – Ensuring data protection in cloud environments.

Opportunities in ICT

3. Data & AI-Driven Roles

- Data Scientist – Analyzing and interpreting complex data.
- AI/ML Engineer – Developing artificial intelligence and machine learning models.
- Business Intelligence Analyst – Using data to support decision-making.

4. IT Infrastructure & Administration

- Cloud Engineer – Implementing and maintaining cloud solutions.
- DevOps Engineer – Streamlining software development and IT operations.
- Database Administrator – Managing databases for security and performance.

5. Telecommunications & Embedded Systems

- Telecommunications Engineer – Working with communication networks and protocols.
- Embedded Systems Engineer – Developing software for hardware-based applications.
- IoT Engineer – Designing smart devices and interconnected systems.

6. Digital Media & IT Consulting

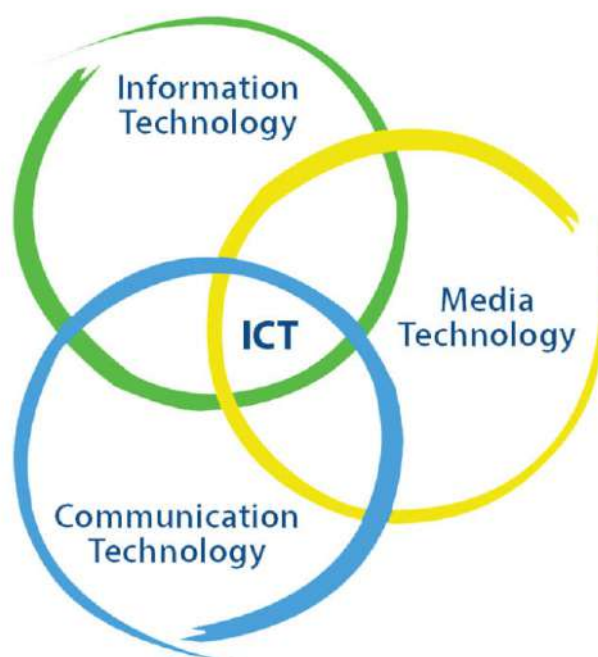
- UI/UX Designer – Enhancing digital user experiences.
- Digital Marketing Specialist – Using online strategies for brand promotion.
- IT Consultant – Advising businesses on technology solutions.

7. Research & Academics

- Academic Researcher – Contributing to ICT advancements in universities.
- Technical Trainer – Teaching ICT skills in educational institutions.

8. Entrepreneurship & Startups

- Tech Startup Founder – Building a business in software, AI, cybersecurity, or IoT.
- Freelancer – Offering ICT-related services independently.



IT & ICT Department

Awarded Innovative Education

Institute with best academic industry interface
Quality in education



MOU with IT Industries



Road map to become Successful Engineer



Bridge Course Lab Activity



Code War



Day Celebration



Engineer's Day

Industry's Day

Teacher's Day



Alumni Interaction



Alumni Interaction



Alumni Interaction



Domain Selection



Domain Selection



Expert Talk



Expert Talk



Gam Jam



Gam Jam



Mock Interview



Mock Interview



Devang Mehta award



Industry Visit

Industry visit

Objective

Industrial Visits are part of Curriculum in GMIU. From the very first year students are taken for the Industrial Visits to give them knowledge related to the industries of their branch. Students are taken for a visit even in their Bridge Course.

Students of IT & ICT department are taken for Industrial Visits to the following in different semesters

- Prasar Bharti Durdarshan, Bhavnagar
- ISRO, Ahmadabad
- Tops Technologies, Ahmadabad
- BISAG, Gandhinagar
- 108 Control Room, Ahmadabad
- Odoo India, Gandhinagar



Parents meeting



Resume Building



SDP



Workshop



Stress Relief



TechManjari 2024

Techmanjari is the biggest technical event organized by Gyanmanjari Innovative University in February 2024. It provided the biggest platform a student can expect to showcase his talent in the technical field. It showcased around 150 projects from all the branches of Engineering, BSC and Pharmacy. Audience from all around the city and nearby places visited the campus and appreciated the students for their efforts. A lot of schools attended the four day long event that enthused their students to learn about Engineering and Science. Besides students, parents and industry experts also visited the event and a lot of projects were short listed to be customized and applied to the actual real life.



Placement (Batch-2020)



Pratham Jagdishbhai
Joshi



Dhruvil Bhaveshbhai
Virani



RIJVAN RIYAJBHAI
JUNEJA



Panjari Dipakbhai
Rupareliya



Yash Mehulbhai Pathak



Arman Firozbhai
Varaiya



Hit Harshadbhai
Lodaliya



Chirag Jayantibhai
Chauhan



Kevin Manishbhai
Sukhadiya



Japan Paragbhai Sheth



Janmejy Chaturvedi



Paramshiv Dilipkumar
Mehta



Placement (Batch-2020)



Jainam Amitkumar
Bhavsar



Kartik Bhupendrabhai
Purohit



Vinayak Rajubhai
Parmar



Bhavin vijaybhai
chauhan



Divyaraj jitendrabhai
Parmar



Darshan Satishbhai
Mithapara



Parmar Abhishek



Mitrajsinh Gohil



Bhavdip
Ghanshyambhai Lakum



Sachaniya Dev
Kiritbhai



Smitbhai Hareshbhai
Kukadiya



Sumit Veljibhai Bhojani



Placement (Batch-2020)



Pipaliya varun
Gunvantbhai



Japan Mayurbhai
Mavani



HARSH SUNILBHAI
MAKWANA



Rudra Hiteshbhai
Rajyaguru



Brij hareshbhai
dobariya



Sohامجiri Arvindgiri
Goswami



krish rameshbhai
jasoliya



Ashish Maheshbhai
Pithava



Raj Shaileshbhai
Siddhpura



Abhishek Bhaveshbhai
Chauhan



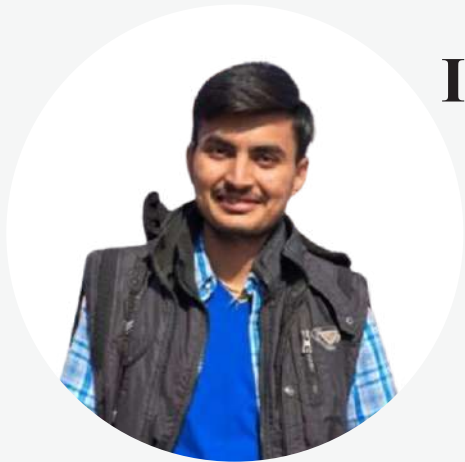
Bhaumik Ketanbhai
Gandhi



Faculty Profile



International Exchange Program



International Experience Program

Mr. Mavani Japan
201290116032

Laurentian University

International Exchange Program

Mr. Het Parmar
191290116051

Laurentian University



Cultural Activity @ GMIU

Raasmanjari



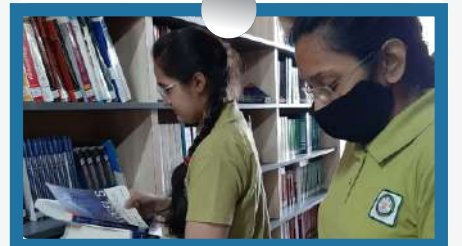
"Raasmanjari" is an annual event of GMIU. As we know Navratri is the one of the favorite festival of Gujarati. So every year During the navratri one day we GMIU family celebrate this holy festival together. Our trustees and Management are also being part of this celebration. We do Aarti and prayer of "Ma Amba" together. The thali decoration was also the part of the celebration.

Kalamanjari



"Kalamanajri" is an annual event of GMIU. The festival celebrated the rich heritage of kala, featuring performances by local artists. Our trustees and Management are also being part of this celebration.

Campus Facility



Achievements @ GMIU

NATIONAL AWARDS



GMIT Best Engineering College Gujarat for Industry Interface 2020



Gyanmanjari Institute of Technology as the Winner of ICI-Ultra Tech Outstanding Structure Award 2020 (State)



Kahan Mehta

**Batch :- 2019
Branch :- COMPUTER ENGINEERING
Achievement : GOLD MEDAL IN GTU**



"Institute with Best Academy and Industry Interface" and "Award for Quality in Education"



Rutva H. Kothari (TABLE-TENNIS)

**Secure FIRST POSITION Win GOLD medal in KHEL-MAHAKUMBH
Secured FIRST POSITION (gold medal) in U-19 girls team event (STATE CHAMPION)
3rd Position Win BRONZE MEDAL in THIRD OPEN GUJARAT**



**Vishwas Gohil, Navdha Mehta & Viral Jani
B.Sc. Microbiology Sem 6 Students won FIRST RANK at NATIONAL CONFERENCE INCLINATION and REVOLUTION IN CHEMISTRY NCIRC 2023.**



Raj Vala (TAEKWONDO)

B. PHARM SEM 6 STUDENT SECURED 1ST RANK IN TAEKWONDO TOURNAMENT OF KHELMAHAKUMBH 2024.



Prakash Vaghela (SOFT-TENNIS)

- KHEL MAHAKUMBH 2024 Winner
- KHEL MAHAKUMBH 2022 Single & Doubles event
- ALL INDIA INTER UNIVERSITY SOFT TENNIS TOURNAMENT AURANGABAD 2022
- FIRST RANK (NATIONAL GOLDMEDAL) FIRST RANK
- GUJARAT STATE RANKING TOURNAMENT 2022 CHAMPION FIRST RANK

Faculty Development Program



FDP (faculty Development program)

Faculties have the most important role to play in shaping the engineering student's career and unarguably an institution having the best faculties who are skilled in latest technologies will top the charts in coming years. Every saturday GMIU conducts FDP for Faculties so that can learn something new.

Social Activity



Professional Chapters

Institution of Engineers (India) (IEI)



The Institution of Engineers (India) [IEI] is a statutory body to promote and advance the engineering and technology, established in 1920 and incorporated by Royal Charter in 1935. It is the largest multi-disciplinary professional body of engineers encompassing 15 (Fifteen) engineering disciplines with a membership of more than 820 thousand, and serving the nation for more than 9 decades.



Centre for Entrepreneurship Development (CED)



The center for Entrepreneurship Development (CED) is a premier Organization of Government of Gujarat engaged in Entrepreneurship Development Training since 1979 and Skill Development since 2009. Concept behind CED is to develop entrepreneurs in the urban as well as rural areas of the state, who can establish their own Enterprise (Trading/Service/Manufacturing) which in turn aids in Economic growth of the state and also creates employment opportunities for others.



National Programme on Technology Enhanced Learning (NPTEL)



The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003.



Celebrity @ GMIU

one of the special occasion that the famous gujarati actor Mr. Malhar Thakar came to our campus for the promotion of his upcoming Gujarati film named “Shubh Yatra”. Because of the presence of Malhar Thakar the whole environment of the campus became more vibrant and Cheerful. as among the student and young fraternity Malhar is one of the inspiring and favorite Gujarati Film Actor. Same as another Gujarati Film actor Yash Soni has come to promote his upcoming film “RAADO”. Recently the whole star cast of film “3 Ekka” which is going to be release on the 18th of August 2023.



SSIP

SSIP



Since 1979



उन्नत भारत अभियान
UNNAT BHARAT ABHIYAN



Joy of Giving

To endow with holistic education is prime motto of Gyanmanjari Group of Colleges. GMGC not only provides momentous education, an extraordinary result & industry ready engineers but also meticulous human values in students to make them responsible for society .

Being a part of this theme students collected unused cloths and stationary from various places of Bhavnagar and donated them to needy people of society. Large numbers of students have been participated for the collection and distribution of cloths and stationary. The event was popularize as a "Joy of Giving", so students can understand their responsibility towards society and nation

A spiritual meditation program was organized under the Faculty Development Program to bring calmness and peace of mind of staff members during Covid restriction. Many faculties have been working from home during this pandemic situation so to enhance their mental and physical health condition GMGC has organized spiritual mediation program with association of Bramha-Kumari meditation Center, Bhavnagar.





Gyanmanjari
Innovative University



“Shaping Minds with *Skills*
and *Innovations*”

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