GIT

A Song of Technocrats

2022

COURSES OFFERED

GANDHINAGAR INSTITUTE OF TECHNOLOGY (GIT)

B. Tech
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Information & Technology
- Mechanical Engineering

M. Tech
- CAD/CAM
- Thermal
- Software

GANDHINAGAR INSTITUTE OF MANAGEMENT (GIM)

BBA

MBA
- Marketing
- Finance
- Human Resource
- Information Technology

PGDMM

PGDHRM

GANDHINAGAR INSTITUTE OF COMMERCE (GIC)

B. Com
- Accounting and Auditing
- Statistics
- Banking

GANDHINAGAR INSTITUTE OF SCIENCE (GIS)

B.Sc
- Chemistry
- Physics
- Mathematics
- Botany
- Microbiology

GANDHINAGAR INSTITUTE OF COMPUTER SCIENCE AND APPLICATION (GICSA)

B. Sc
- Computer Science
- Information Technology
- Data Science

GANDHINAGAR INSTITUTE OF SKILL DEVELOPMENT (GISD)

Skill Development Certificate Courses

CONTENT

Shri Hareshbhai Rohera

It is with great honour that I welcome to the happy reading of our annual magazine "A Song of Technocrats". The issue highlights all the academic and non-academic, curricular, and co-curricular as well as creative talents of the GIT Family.

GIT's Story starts from the year 2006 and in the span of 15 years, we have achieved recognition and acknowledgements for our academic excellence. We believe in delivering quality education with morals and ethics to the present generation. Our focus is to make our students capable of meeting the challenging needs of the society with the help of technological advancements and practical approaches to the problems of the society.

We aim at imparting high quality education to our students, and I am sure that with empowered educators, dedicated faculty team and academic specialists on board, we all shall be able to give the students the best of learning opportunities. It's an amazing setting, embracing the latest technologies that emphasize hands-on, project-based work instead of just listening to lectures—where students will experience meaningfully improved learning outcomes. We bring our individual and collective resources to bear to seek positive transformation in our community and the world.

After the successful reward of Gandhinagar Institute of Technology in 15 years, we are happy to announce ourselves as Gandhinagar University. Gandhinagar University is truly a university on the move. I look forward to welcoming you to Gandhinagar University and to sharing the excellent educational experience. 2022-23 is still a way off, and we have plenty of things to do together. GU will be a remarkable university and thriving in so many important ways. While change can be uncomfortable, we are facing it together—from a position of amazing strength—and I am confident that GU's best days still lie ahead of us.

On behalf of the entire team of GIT, I take this opportunity to invite you all to be a part of this annual magazine. I wish good luck to the director, all my faculty members, staff, and students to shine high and roar with flying colors.

DIRECTOR'S DESK

Dr. H. N. Shah

It gives me an immense pleasure to bring out the 15th issue of the annual memoir *"GIT: A Song of Technocrats",* enriched with the potential and scholarly efforts of students, scholars and faculty members. It also showcases the multidimensional personalities of the students and faculties balancing Curricular, Co-curricular and Extra-curricular activities. Gandhinagar Institute of Technology was formed in the year 2006 by Platinum Foundation. Institute has completed 15 years of excellence in the field of education. Since its establishment, GIT has committed to create highly competent engineers, by making its students technologically superior by providing them necessary infrastructure, strong cooperative networking and superlative placements keeping in tune with the environment. The Gujarat state legislative assembly passed a bill seeking establishment of the Gandhinagar University under the Gujarat State Private Universities Act 2009. The University is formed to accommodate more students and give them a variety of choices for their career path. GU offers UG and PG programs in Technology, Management, Commerce and Science.

The attraction of the University is its curriculum in tandem with the requirements of the industry plus choice-based credit system that allows students to choose major as well minor in the subjects of their choice. At GU, academics is complemented by co-curricular, extracurricular and sports activities. To actualize holistic growth of the students, there are various associations, cells and committees. In a world that rewards perseverance, resilience, initiative, problem-solving and cooperation, our students thus graduate, well prepared and aptly equipped to meet the challenges of the competitive world. We work hard to make every day of learning, a special day for every student who enters the portals of GU, with a heart and mind set to grow more than yesterday.

I would like to extend my heartiest obligation to all the eminent trustees for their keen and personal interest in the progress of the institute. Words cannot adequately express my gratitude for their constant support, guidance, encouragement and for the valuable time they unreservedly afforded. I am also thankful to all the students and faculty members of the institute who played an important role to achieve the height of success of the institute. I must congratulate the entire team of **"GIT: A Song of Technocrats"** for the creation of such a valuable annual memoir.

EDITOR'S PEN

It is a great privilege and pleasure to publish the 15th issue of the college magazine – *'GIT: A Song of Technocrats'* for the year 2021-2022. The college magazine is an endeavour to give an outlet to the hidden talents and creativity. It is a showcase of the academic, extracurricular, and co-curricular talents and skills of the students. The magazine offers a scan of achievements, laurels, and acquisitions of the members of GIT. It is a need of today's students to make them become adaptable, lifelong learners and sensitive enough to become culturally versatile.

I show my heartily gratitude and acknowledge the enthusiasm, support and dedication imparted by all people involved: the Management; the Director; the faculty members; staff; students; the magazine committee, who have put in sincere efforts and contribution in making this magazine a reality.

I am sure that when you read this issue, it will capture your interest to such an extent that you will be compelled to read end to end at a go and will appreciate reflective and responsive individual ideas, creative and hard work of the students and staff members. The editorial team expresses its gratitude to the entire GIT family for its unwavering support in bringing out the magazine in front of everyone.

Dr. Nirupama Patel
Chief Editor

Dr Sneha Patel
Editor

Ms Rupam Gupta
Member

Prof. Mitul Maniar
Member

CELEBRATION OF
15 YEARS OF ACADEMIC EXCELLENCE

Gandhinagar Institute of Technology celebrated its 15th Anniversary on 4th December 2021, at Seminar Hall. The institute was established in year 2006 by Platinum Foundation. The institute made a humble beginning with just 240 students in different courses like Computer Engineering, Information Technology Engineering, Electronics & Communication Engineering and Mechanical Engineering. Presently, the institute is successfully running UG courses like CE, IT, EC, ME, EE, Civil and PG Courses like Software Engineering, CAD/CAM & Thermal as well as MBA, with more than 3000 students. In the presence of honourable Director Dr. H. N. Shah, all faculties and staff members celebrated the foundation day with great joy and happiness.

Event Overview:

The celebration began by Prof. Hardik Bhatt who congratulated all the members associated with the institute for this success. He appreciated the achievements and milestones of the institute. Dr. H. N. Shah, Director GIT, threw light on a few more achievements of the institute and appreciated the role and hard work of teaching, non-teaching, and other staff members in this success since inception of the institute i.e., 2006. He congratulated all the members on this glorious celebration of 15 years of success and conveyed the best wishes for their future He thanked all the trustees and management for their continuous support at any moment. All Head of the Departments congratulated all the members and shared their views and experiences regarding growth of the institute. A beautiful and delicious cake cutting ceremony was organized and more than 150 faculties and staff members joined with great love and enthusiasm.

At the end, all the staff members shared their experiences of their journey at the institute. It was a time to reflect on the institute's past and those that have helped to shape who we are, and to acknowledge all the members, who have influenced the character and values that embody the vibrant, engaging, and safe environment today.

Beautiful and Delicious Cake	Members enjoying the Celebration

GANDHINAGAR INSTITUTE OF TECHNOLOGY TO GANDHINAGAR UNIVERSITY

Gandhinagar University has been established as a State Private University in the year 2022. Previously it was Gandhinagar Institute of Technology (GIT) formed in the year 2006 by Platinum Foundation Trust. Institute has completed 15 years of excellence in the field of education. We started our journey with a small family of 120 students with the initiation of 4 UG Programmes named Computer, Information Technology, Electronics and Communication and Mechanical Branch and presently we are grown up with a student strength of 5300+ graduates. With a glorious journey of 15 years, the institute currently offers degrees of B.E. in Mechanical Engineering, Civil Engineering, Electrical Engineering, Computer Engineering, Information Technology and Electronics & Communication Engineering. It also offers M.E. in Mechanical Engineering with specialization in Thermal Engineering and CAD/CAM and M.E. in Software Engineering in Computer Engineering. It also provides MBA Program with specialization in Marketing, Finance, Human Resource and Information Systems. To add to this, we are already extended with the expansion of university from a single institution.

The institute started with a vision to develop young engineers with active and creative minds, a sense of understanding and sympathy for others and the courage to act on their beliefs and to treat every student as an individual, to recognize his / her potential and to ensure that he/she receives the best preparation to help one meets his /her career ambitions and goals.

The Institute has dynamic and dedicated professors, State of art Laboratory, Wi-Fi enabled campus, Seminar halls, Cafeteria, Open Air Theatre, Amphi Theatre and Centrally air conditioned 3 star rated Resource Centre of Indian Institutes of Technology, Bombay. GIT has a huge lush green campus. A rich library, a tasty canteen, an active sports ground, a soothing amphi theatre and a spacious open-air theatre makes the institute more vibrant and unique.

The Institute aims to provide a better platform for academic teaching, expert lectures, seminars, interactive sessions, combining all to give the best learning environment. It also provides the students to showcase their involvement outside the classroom by indulging

them into various social activities and connects them culturally, socially as well as mentally with the system. The institute with all its glorious achievements and scholastic pursuits created an ideal position for itself in Gujarat. It is continuously moving towards perfection in teaching and learning. It aims to produce a new breed of technocrats and managers with a competition to achieve national and international standards. It provides quality education in a highly disciplined environment along with the character building of the students. It gives better opportunities to the students to excel themselves towards the betterment of the society. We not only give exposure to academics but also give importance to overall development of the students and have inserted interpersonal, leadership as well as managerial skills in our students.

The placement of our institute plays a major role in providing the students with an opportunity to show their skills and talents at better places. GIT strives to provide accurate learning and industry-oriented culture by means of its enriched practical training programs for the students in different courses offered in different semesters. The institute also has different cells which runs actively and continuously strives to do different developments in the field of academics and research. GIT has also been awarded with various awards in different years for its excellency in different spheres. The institute is also known for celebrating various festivals and events - Techxtreme – The Annual Technical Festival, Jazba – Annual Cultural festival where performers like Hard Kaur, Sachin-Jigar, Aditya Narayan, B-Praak, and many more have performed. This institute serves as a temple of learning which will help to achieve heights of success and make you a rising star in the community. It will help the technocrats to be responsible citizens who will meet the needs of society in the 21st century.

Now the University is formed to accommodate more students and give them a variety of choices for their career path under a single roof. The University offers UG and PG programs in Technology, Management, Commerce and Science. We are offering B. Tech, M. Tech, BBA, MBA, PGDMM, PGDHRM, B. Sc, B. Com and Skill Development Certificate Courses under Six different colleges under a single roof of Gandhinagar University. We took this initiative with a belief in diversification in education. The University's dream is to accommodate more and more students in the campus and are growing ourselves towards that way.

The attraction of the University is its curriculum in tandem with the requirements of the industry plus choice-based credit system, based on National Education Policy 2020 that allows students to choose major as well minor in the subjects of their choice. It encourages a multi - disciplinary approach that helps students' creativity and productivity. At Gandhinagar university, we take care that academics is complemented by co-curricular, extracurricular and sports activities.

The University campus is a state of art facility provided to students to help them study in a pristine environment. The campus is replete with facilities like spacious classrooms, Seminar Halls, smart classrooms, well equipped labs, Canteen, amphitheater, and Open-Air Theater.

GU aims to bring revolution in the field of education by introducing new courses, new learning avenues, faculty training and best technology. It also aims to drive education on the path of academic excellence to develop the right environment for faculties, staff and students and thereby provide them a complete security, exponential learning, and a sense of social responsibility. We have introduced state of the art technology that will help all the stakeholders to achieve new heights.

We believe in a quote by Mahatma Gandhiji, "Happiness in when what you think, what you say, and what you do are in harmony." A human being needs to be transparent and honest in one's own profession. Gandhinagar University has committed to create highly competent citizens, by making its students technologically superior by providing them necessary infrastructure, strong cooperative networking and superlative placements keeping in tune with the environment.

After the successful journey of 15 years of excellence as Gandhinagar Institute of technology, we are battle ready on embarking on the path as Gandhinagar University. The glorious journey of GIT takes a new shape and ends in the form of Gandhinagar University in April 2022 with a vision to embody the spirit of excellence in teaching, research, innovation, and creative activities. The University will surely reach the peak of success, recognition, and glory soon.

ACADEMIC & RESEARCH ACTIVITIES

ORIENTATION PROGRAMME 2021

BACHELOR OF ENGINEERING

Gandhinagar Institute of Technology organized an Orientation Programme for the students of Bachelor of Engineering-first year of 2021 batch on 12th October 2021 with the objective of familiarizing the new students of all the branches who took admission in first year in 2021 batch with the system of GIT. Focus of this event was to make the students comfortable with the environment of GIT.

Programme Overview:

The Orientation Program was organized on the last day of two weeks of the Induction Program as per the guidelines of GTU. The whole program was divided into three sections throughout the day. In the first Section, students from all the branches assembled at Seminar Hall A-105. The program started with the Saraswati Vandana, Introduction of Head of the Institute, Dr. H N Shah, Director-GIT, Introduction of all Head of the Departments and lamp lighting. Then after, Dr.H N Shah, Director, welcomed all the students and then he mentioned about the Institute and its achievements. The second presentation was given by Dr. Umang Patel, Coordinator-Exam, GIT where he explained about both the examination systems-Internal and GTU. Last presentation was given by Mr. Snehal Barot, Training and Placement Officer-GIT where he mentioned about the placement procedure and shared the statistics of GIT placements. The whole program was anchored by Dr. Nisha Khurana. At the end of the first section of the day, students approached for high tea at the amphitheater where they enjoyed the Indian delicacies.

In the middle session of the day, all the students assembled at B Block Classrooms, division wise for various departmental activities. They were addressed by the respective HODs, where HODs explained them about the department's vision, mission statements and other policies. Assigned department faculty members shared Google account information, briefing of various student activities like HCC, Arduino club, Techfest, OSTC, E-Cell, SSIP, GIT Cultural festival, sports, other social activities etc. Faculty members also explained them about the 100-activity points system and its significance. Students were also introduced to the websites of GTU, GIT and department. They were thoroughly explained about how and where they may find the information on websites. After a short break, students reassembled at

the same respective venues in B block for the activities of the last session. The students were then escorted by the faculty members for the campus tour. The campus tour included all the four blocks- A, B, C and D, canteen, Resource Center, Classrooms, labs etc. The whole day was very knowledgeable and enthusiastic for the students, and they made themselves comfortable with the environment of GIT.

Audience in Seminar Hall during Orientation Program

Address by Dr. H N Shah, Director during Orientation Program

Students listening to Director Sir during Orientation Program

Lamp Lighting during Orientation Program

Dr. Umang Patel explaining Examination System

Training and Placement Officer explaining about placement procedure

MASTER OF BUSINESS ADMINISTRATION

The Orientation program was arranged at institute level for the upcoming batch 2021-23 for first year MBA students at Seminar Hall A-105. Aligned to that idea, Orientation was organized for a day at institute level on 30th September 2021, where newly admitted students were present and participated in the Orientation ceremony which is a welcome tradition of the GIT-MBA Department since its inception.

Programme Overview:

Orientation program was started with an "Aarambh", which welcomes the new students at GIT Campus in a traditional way followed by "Tilak Ceremony" which is a symbol of warm welcome of the new students in the campus. A GIT Documentary Film: A digital way was shown to the students which provided glimpses of the campus to the newcomers. Furthermore "SuSwagatam" ceremony was systematized for inviting all the Dignitaries on Dias and did their felicitations with Floral Welcome, followed by Sarasawti Vandana and Deep Prgatyam in presence of Dr. H N Shah, Director-GIT, Dr. Milan Shah, HOD- MBA, Mr. Snehal Barot, TPO-GIT and all faculty members of MBA department.

The welcome started with a speech of Director sir on guidelines, rules, and regulations of campus with special reference to the mandate issued by Govt. of India regarding Ragging & Covid-19 protocols. He also gave a wonderful view of the Institute to the upcoming students. Further, he also focused on the infrastructural facilities and amenities available at GIT campus for the development of the students. He also specified a well-versed view of GIT's achievements and major milestones achieved till date, which helps GIT to be a unique Institute. He presented a 360-degree view of the entire institute activities including Library facilities, Digital Lab facilities, various activities conducted at Institute Level like Sports and Cultural events.

Dr. Milan Shah, HOD-MBA congratulated the students for their acceptance to GIT for their MBA degree. He gave a brief introduction about GIT MBA department. In his introduction, he spoke about the development and success that GIT has achieved during the last 15 years. He also briefed about the central library, services, and facilities available with MBA department, GTU syllabus and various cultural and non-cultural activities. In addition to this, Mr. Snehal Barot, TPO briefed about campus placement policy and procedure. He also showed the placement record of the last two years of the MBA department.

The formal Orientation programme was concluded with the Vote of thanks by the Senior Batch class representative, followed by the National Anthem. The Post lunch session was

organized specially for the students. Various Programmes like Senior Vani, Abhivyakti, Main Hoon Na were organized to share the thoughts and observations of the juniors and to guide them to be familiar with the institute. Various Cultural performances by the senior students were also arranged which brought enthusiasm in the students. Finally, the entire moment was captured as a "Golden Click" – A Group Photo, which includes all the students along with faculty members of MBA Department.

All Dignitaries with Students at Seminar Hall

Lamp Lighting by Dr. H. N. Shah, Director

Introduction of GIT by Dr. H. N. Shah, Director

Overview of MBA Department by Dr. Milan S. Shah, HOD-MBA

Overview of Placement Cell by Mr. Snehal Barot, TPO

Group Photo of MBA Department with Faculty Members & Students

PH. D. AWARDEE FACULTY

Secured Domain Name System Framework using Identity Based Encryption

The research work aims to provide Domain Name System (DNS) security against cache poisoning, spoofing and masquerade attacks, as well as to provide authentication and confidentiality for data communicated in DNS communications (primarily in DNS queries and responses) by means of Identity Based Encryption (IBE). As a result, a novel enhanced identity-based encryption approach is suggested, which eliminates the need for a Key Generation Center (KGC) and key escrow problem. The proposed scheme is implemented using Rivest, Shamir, Adleman (RSA) algorithm. This study will be useful for securing the DNS Transaction Data majorly focusing on Query ID and Response.

Dr Maitri Patel
Computer Engineering Department

PUBLICATIONS

Published Papers in National Level Conference/Journal/Seminar

- Sucheta Gupta, **Rajan Patel**, Secure Telesurgery Systems for Healthcare 4.0: A Comparative Analysis, GIT- Journal of Engineering and Technology, ISSN- 2249-6157, pp. 136-140, vol 13, July 2021.

- Bhagirathsinh Raghuvirsinh Jadeja, **Jyotin Kateshia**, Ashwini Kumar Mishra, Rajdeepsinh Digvijaysinh Jhala, O&M Practices and Efficiency Improvements of AFBC Boiler, GIT- Journal of Engineering and Technology, ISSN- 2249-6157, pp. 136-140, vol 13, July 2021.

- **Raxit Jani,** Vandan Bhatt, Vrunda Bhatt, Riddhi Shukla, Yash Suthar "AI Based Medical Transcription" GIT- Journal of Engineering and Technology, ISSN- 2249-6157, pp. 19-26, vol 13, July 2021.

- Hasti Dave, **Nisha Khurana** "A Survey on Sentiment Analysis and Opinion Mining using NLP" GIT- Journal of Engineering and Technology, ISSN- 2249-6157, pp. 13-18, vol 13, July 2021.

- Nayak Shubham, Patel Akash, Trivedi Nitay, **Nisha Khurana** "Fake News Detector" GIT- Journal of Engineering and Technology, ISSN- 2249-6157, pp. 64-67, vol 13, July 2021.

- The institute also appreciates 24 faculties who published their papers in GIT - JET, Journal of Engineering and Technology, Volume 13, ISSN: 2249-6157 in the academic year 2021-22.

Published Papers in International Level Conference/Journal/Seminar

- Dhaval Vartak, Yogesh Ghotekar, Pina Bhatt, Bharat Makwana, B. Satyanarayana, **H.N. Shah,** & Jitendra Vader; "Analytical Hierarchy Process Based Decision Making for Fabricating Cfrp for Space Applications using Nanomaterials", Composites: Mechanics, Computations, Applications, An International Journal 13(3):21–30 (2022); DOI: 10.1615/CompMechComputApplIntJ.2022043014

- Suthar Falgun, **Hetalkumar Shah**, Sujoy Chaudhury; "A review on application of nickel base hardfacing alloys in sodium-cooled fast reactor", AIP Conference Proceedings; Volume No. 2395, Issue No. 1, Page No: 030005 - 030009;(2021).(AIP Publishing LLC, https://doi.org/10.1063/5.0068164)

- Mayuri Mehta, Kalpdrum Passi, Indranath Chatterjee, **Rajan Patel**; "Knowledge Modelling and Big Data Analytics in Healthcare: Advances and Applications"- 1st Edition; CRC Press (T&F); Page No.362 (2021) (Edited Book) (ISBN 9780367696610)

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- Nivedita Mishra, Sharnil Pandya, Chirag Patel, Nagaraj Cholli, Kirit Modi, **Pooja Shah, Madhuri Chopade**, Sudha Patel, Ketan Kotecha**;** "Memcached: An Experimental study of DDoS Attacks for the Wellbeing of IoT Applications"; Sensors Smart Healthcare Systems Based on the Internet of Things and Artificial Intelligence-, MDPI; Volume No. 21, Issue No. 23, 8071; (2021) (ISSN NUMBER- 1424-8220)

- Sharnil Pandya, Aanchal Thakur,Santosh Saxena,Nandita Jassal, Chirag Patel, Kirit Modi, **Pooja Shah**, Rahul Joshi,Sudhanshu Gonge, Kalyani Kadam,Prachi Kadam;" A Study of the Recent Trends of Immunology: Key Challenges, Domains,

Applications, Datasets and Future Directions",Sensors Smart Healthcare Systems Based on the Internet of Things and Artificial Intelligence- ,MDPI; Volume No. 21, Issue No. 23, 8071;(2021) (ISSN NUMBER-1424-8220)

- Bardia Amrita, **Chavda Virendra**; "Digital Financial literacy: Empirical evidence from Problem and Perspectives of elder age people"; Journal of the Asiatic Society of Mumbai; Volume No. 95, Issue No.12 (III) ;(2021) (The Asiatic Society of Mumbai, ISSN: 0972-0766)

- Harishchandra Singh Rathod, Piyush Solanki, **Chavda Virendra**; "Bibliometric Analysis of Over-The-Top (OTT) Viewership using VOSviewer", Empirical Economics Letters - Special issue on Sustainability & Innovative Management Practices in Uncertain Times; Volume 20, Issue No. 1; (2021), (EEL, ISSN: 1681 8997)

- **Nehal Shah**, Vasudev Modi, Mayur Shah; "Work Life Balance of Female Doctors in Ahmedabad City", Empirical Economics Letters - Special issue on Sustainability & Innovative Management Practices in Uncertain Times; Volume 20, Issue No. 1; (2021), (EEL, ISSN: 1681 8997)

- Mukesh Soni, Gaurav Dhiman, Brajendra Singh Rajput, **Rajan Patel,** Nitesh Kumar Tejra, "Energy-Effective and Secure Data Transfer Scheme for Mobile Nodes in Smart City Applications", Springer's Wireless Personal Communications, ISSN: 0929-6212 (print); 1572-834X (Online):, DOI: https://doi.org/10.1007/s11277-021-08767-8, SCIe and Scopus, (Q2) IF: 1.67

- **Dr Mihir Suthar**, "Inventory Model for Deteriorating Items with Effect of Pre and Post Deteriorating Discounts in Price Sensitive Trapezoidal type Demand", International Journal of Research and Analytical Reviews (IJRAR), ISSN: 2348-1269(online); 2349-5138(print), March 2022, pg.no. 24-32

- **Parita Shah**, Priya Swaminarayan, **Maitri Patel,** Nimisha Patel, "Sentiment Analysis on Movie Reviews in Regional Language Gujarati Using Machine Learning Algorithm", International Journal of Engineering Trends and Technology (IJETT), Volume 70 Issue 1, 313-326, January 2022, DOI: 10.14445/22315381/IJETT-V70I1P236 (ISSN: 2231 – 5381, Scopus, IF:2.05)

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- **Chintan T. Barelwala**, Dr. Vikram B. Patel, "Fabrication and Microstructural Characterization of 10%SiC Reinforced Al6061 Metal Matrix Composite by Stir Casting Method "; V International Scientific-Practical Conference "Electrophysical Machining in Modern Industry" Proceedings; PERM National Research Polytechnic University, Russia (ISBN 978-5-398-02685-6), Page No: 22-26; (December 15-16,2021)

- **Krishna H. Hingrajiya**, Dr. Ravi K. Sheth "A Novel Copy-Move Forgery Detection Using Combined ORB-PCA Approach" ISSN: 1793-8201, International Journal of Computer Theory and Engineering Vol. 14, No. 2, 2022 pp- 79-83 (May-2022) (DOI: 10.7763/IJCTE. 2022.V14.1313)

- **Rahul Vaghela,** Kamini Solanki, **Madhuri Chopade,** and Dulari Bhatt. "Model: An Intelligent Traffic Control System", Guangdianzi Jiguang/Journal of Optoelectronics Laser, Volume 41 Issue 5, 851-863, May 2022, http://www.gdzjg.org/index.php/JOL/article/view/435, (ISSN : 1005-0086, Scopus, Q4)

- Sucheta Gupta, **Rajan Patel**, Rajesh Gupta, Sudeep Tanwar, Nimisha Patel, "A Survey on Resource Allocation Schemes in Device-to-Device Communication", 12th IEEE International Conference on Cloud Computing, Data Science & Engineering (Confluence 2022), ISBN:978-1-6654-3702-8, EISBN:978-1-6654-3701-1, pp.140-145, Amity University, Noida, UP, 27–28 January 2022. Doi: 10.1109/Confluence52989.2022.9734183
https://ieeexplore.ieee.org/document/9734183

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Presented Papers in National Level Conference/Journal/Seminar

- **Rahul Vaghela,** Kamini Solanki, Priya Swaminarayan, **Rajan Patel**, **Parita Shah,** "Comparison of Multiobjective methods of signalized single interaction point", National Conference on Emerging Vistas of Computer Science & IT in 21st Century (NCEVT-2021), ISBN: 978-93-93627-02-5, pp. 33-37, Faculty of IT and Computer Science, Parul University, Vadodra,18th December 2021

- **Rahul Vaghela**, Kamini Solanki, Priya Swaminarayan, "Generating Saturation of Traffic Using Fuzzy Inference System", National Conference on Emerging Vistas of Computer Science & IT in 21st Century (NCEVT-2021), ISBN: 978-93-93627-02-5, pp. 283-291 Faculty of IT and Computer Science, Parul University, Vadodra,18th December 2021.

- **Parita Shah**, Vishal Shah, Priya Swaminarayan, **Rahul Vaghela,** "Opinion Analysis – an assessment of the feeling of individuals: a Survey", National Conference on Emerging Vistas of Computer Science & IT in 21st Century (NCEVT-2021), ISBN: 978-93-93627-02-5, pp. 69-72 Faculty of IT and Computer Science, Parul University, Vadodra,18th December 2021

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- **Rahul Vaghela**, Kamini Solanki, Priya Swaminarayan, "Design And Development Of Intelligent Traffic Control System", 1st International Conference on Advanced Information Technology and Communication (IC-AITC 2021), ISBN:978-623-5946-04-7, pp.77-93, Universitas Teknokrat Indonesia, 03–04 September 2021.

- **Rahul Vaghela**, Kamini Solanki, Priya Swaminarayan, "Analytical Comparison of Actuated Traffic Signaling System", 1st International Conference on Advanced Information Technology and Communication (IC-AITC 2021), ISBN:978-623-5946-04-7, pp.168-173, Universitas Teknokrat Indonesia, 03–04 September 2021.

- Kanal Soni, **Madhuri Chopade**, **Rahul Vaghela,** "Credit Card Fraud Detection Using Machine Learning Approach", 1st International Conference on Advanced

Information Technology and Communication (IC-AITC 2021), ISBN:978-623-5946-04-7, pp.44-55, Universitas Teknokrat Indonesia, 03–04 September 2021.

- **Madhuri Rajendra Chopade,** Seema Mahajan, "Driving Distraction Detection using Various Models of Convolution Neural Network", 1st International Conference on Advanced Information Technology and Communication (IC-AITC 2021), ISBN:978-623-5946-04-7, pp.56-66, Universitas Teknokrat Indonesia, 03–04 September 2021.

Book Chapter

- **Rajan Patel**, **Rahul Vaghela, Madhuri Chopade, Prakash Patel**, Dulari Bhatt; Book Chapter 7: "Integrated Neuroinformatics: Analytics and Application"; Knowledge Modelling and Big Data Analytics in Healthcare: Advances and Applications; CRC Press (T&F); Page No.133-134 (2021).

- **Raxit Jani**, Anilkumar Suthar, Ramesh Prajapati "Air Miner: An Air Pollution Detection and Alert System." In Handbook of Research on Lifestyle Sustainability and Management Solutions Using AI, Big Data Analytics, and Visualization. edited by Iyer, Sailesh Suryanarayan and Arti Jain, and John Wang, 254-273. Hershey, PA: IGI Global, 2022.

- **Raxit Jani, Maru Jalay, Nishith Parmar** "Load Balancing Improvement Through Flexible Assignment of Jobs in the Grids." In Handbook of Research on Lifestyle Sustainability and Management Solutions Using AI, Big Data Analytics, and Visualization. edited by Iyer, Sailesh Suryanarayan and Arti Jain, and John Wang, 231-253. Hershey, PA: IGI Global, 2022.

Edited Book

- Mayuri Mehta, Kalpdrum Passi, Indranath Chatterjee, **Rajan Patel**; "Knowledge Modelling and Big Data Analytics in Healthcare: Advances and Applications"- 1st Edition; CRC Press (T&F); Pages.362 (2021) (Edited Book) (ISBN 9780367696610).

International Patent

- Patantee and Inventees: Anshu Agarwal, Prashant Chaturvedi, **Rajankumar Patel**, B.P. Bijay Sankar, Hemant Bhanawat, Akash Saxena, Stuti Asthana, Title: System and Method for Monitoring Post COVID Patient Using Machine Learning and Block Chain, Patent no: 2021103601, Eight years from 24 June 2021, Australian Government, IP Australia, 4 August 2021.

ACHIEVEMENTS

FACULTY ACHIEVEMENTS

Name of Faculty	Department	Achievement/Event Name
Dr H N Shah	ME	Delivered an expert lecture on "Nanostructured Hard Coating: Synthesis and Characterization for Tribological Application" during AICTE-ISTE sponsored Induction/refresher programme on 21st February 2022, organized by I.K.G. Punjab Technical University, Jalandhar.
		Delivered an expert lecture on NEP 2020 during AICTE -GTU sponsored STTP on 23rd February 2022.
Dr Rajan Patel	CE	Invited to deliver an expert session on "Application Layer IoT Protocol and its Security" in the STTP on Cyber Challenges for Industry 4.0 under the ISEA project phase-II at PG School, GTU, Ahmedabad on 22nd December 2021.
		Invited as a Session Chair in the Springer's Series: 6th International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2021), Jaipur, Rajasthan, India on 17th December 2021. (Online Mode)
		Invited to deliver an expert lecture on "Internet of Things and its Application layer Protocols" in 5 Days Offline mode FDP on Advance Technologies in Computer Science & Engineering at Indrashil University, Kadi, Gujarat, jointly organized Knowledge Consortium of Gujarat (KCG) and Indrashil University on 2nd December 2021.
		Invited to deliver an expert talk on "Contiki & Cooja: OS and Simulator for IoT" at Faculty of Computer Engineering at Parul University, Vadodra on 23rd July 2021.
		Invited to deliver a talk on "IoT OS and Simulator: Cooja & Contiki" in GUJCOST sponsored 5 Days STTP on Internet of Things: Connecting Technologies and Industrial IoT from 23rd to 27th August 2021.
		Invited as a Session Chair: Springer Lecture Notes in Networks and Systems (LNNS) Series's 6th

		International Conference on Information and Communication Technology for Sustainable Development (ICT4SD 2021), on 5th and 6th August 2021 (Online Mode).
		Guided and supervised two PhD candidates Ms. Maitri Patel (Title: Security Domain Name System Framework using Identity Based Encryption - November 2021) and Mr. Brahmbhatt Parth Vinavakbhai (Title: Intelligent Data Delivery in Internet of Things (IoT)- April 2022)
		Acted as a Reviewer in the SCOPUS indexed International Journal of Computing and Digital Systems (IJCDS), August 2021.
Dr. Maitri Patel	CE	Invited to deliver an expert session for Class 1 and 2 RFOs at Gujarat Forest Research and Training Department, Gandhinagar on 5th January 2022.
		Acted as a reviewer for the international conference on Innovation & Intelligence for Informatics, Computing and Technologies (3ICT2022) on 7th April 2022.
		Acted as a reviewer for 2022 IEEE world conference on applied intelligence & computing on 18th April 2022.
Prof. Parita Shah	CE	Invited to deliver an expert session for Class 1 and 2 RFOs at Gujarat Forest Research and Training Department, Gandhinagar on 5th January 2022.
Prof. Hetal Shah	CE	Completed NPTEL course on "C Programming and Assembly Language" 75% Score (Elite+Silver) in July-August 2021
		Participated and successfully completed Innovation Ambassador training (Foundation Level) conducted by MoE's Innovation Cell & AICTE during the period from 30th June – 30th July 2021 (Online Mode).
Prof Hitesh Manani	EE	Filed Design Patent on Solar Panel Mounting System on 4th April,2022.
Prof. Dhaval Panchal	ME	Completed NPTEL course on "Wheeled Mobile Robots" 81% Score (Elite) in Jan-Mar 2022.
		Completed NPTEL course on "Educational leadership" 60% Score (Elite) in July-Sep 2021

Prof. Amit Patel	ME	Completed NPTEL course on "Educational leadership" 62% Score (Elite) in July-Sep 2021.
		Got Mentorship Certificate to mentor for the NPTEL course on "Database Management System" in July-Dec 2021.
Prof. Someshwar Pandey	ME	Completed NPTEL course on "Introduction to Mechanical Vibration" 61% Score (Elite) in July-Sep 2021.
Prof. Manthan Upadhyay	ME	Got Mentorship Certificate to mentor for the NPTEL course on "Automation in Production System and Management" in July-Dec 2021.
Prof. Sajan Chourasia Prof. Nirav Joshi Prof. Vipal Panchal Prof. Rahul Vaghela	ME/IT	Participated and successfully completed the 5-day online FDP on the theme "Inculcation Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) in December 2021.
Dr Nirupama Patel	MH	Invited as a Motivational Speaker at Sardardham, Ahmedabad and delivered a speech on "Confidence, Self Esteem and Perseverance: Key to Success" on 14th August 2021.
		Awarded with 'The most Inspiring Woman of the Earth Award 2022', amongst the 1001 nominees across the world by IIU - USA and India Swarna Bharat Parivar on 13th March 2022.
		Awarded with 'Bharat Mata Abhinandan Samman-2022' by Bharat Mata Abhinandan Sangathan for her exemplary social services on 12th March 2022.
Dr. Mihir Suthar	MH	Completed NPTEL course on "Laplace Transform" 65% Score (Elite) in July-Aug 2021.
Dr. Sneha Patel	MH	Completed NPTEL course on "Soft Skill Development " 60% Score (Elite) in Jan-Mar 2022.
Dr H N Shah, Dr Rajan Patel, Dr Nimesh Gajjar, Dr Milan Shah, Dr Nehal Shah, Dr Devendra Lodha	Team from ME, CE and MBA	Invited for GTU Academic Inspection in June 2022.

Dr Nehal Shah	MBA	Chaired a Technical session in One day National Multidisciplinary E-conference 2021 organized by Vidyabharti Trust College of BBA & BCA, Umrakh on 28th August 2021.
		Delivered an Expert lecture on "Consumer Research" at Sheth Shree K. J. Patel BBA College, Nani Kadi on 8th March 2022.
Dr Milan Shah	MBA	Delivered an Expert lecture on "Career Opportunities in the area of Management" at Sheth Shree K. J. Patel BBA College, Nani Kadi on 8th March 2022.

STUDENTS ACIEVEMENTS

CIVIL ENGINEERING

Name of Student	Enrollment No.	Achievement/Event Name	Grade
Parth Parmar	190123106012	Successfully Completed the VishwaKarma Yojana Project Phase IX From GTU.	-
Sharma Nirav	190123106018		
Bhatt Yashvijay	190123106001		
Solanki Ilesh	190123106019		

COMPUTER ENGINEERING

Name of Student	Enrollment No.	Achievement/Event Name	Grade
Sanskar Mehta	180120107079	TCS Campus Ambassador, GIT	-
Preet Ojha	190123107018	TCS Campus Ambassador, GIT	-
Manan Rathod	190120107125	Completed online training program of "Overview of Geoprocessing using Python" conducted by the Indian Institute of Remote Sensing, ISRO, Dehradun.	-
Vyoma Shah	200120107036	NPTEL Certification on "Python for Data Science" in July-Aug 2021 -72% Score.	Elite Certificate
Patel Kirtan	190120107100	NPTEL Certification on "Programming, Data Structures and Algorithms using python" in July-Sep 2021- 69% Score.	Elite Certificate
Patel Udit	200120107115	NPTEL Certification on "DataBase Management System" in July-Sep 2021- 60% Score.	Elite Certificate
Aryan Bhavsar	200120107150	NPTEL Certification on "The Joy of Computing using Python" in July-Oct 2021- 83% Score.	Elite Silver Certificate
Shah Diya	210120107035	NPTEL Certification on "Problem Solving through Programming in C" in Jan-Apr 2022 - 80% Score.	Elite Silver Certificate
Om Patel	200120107026	NPTEL Certification on "Programming in Java" in Jan-Apr 2022 - 81% Score.	Elite Silver Certificate

MECHANICAL ENGINEERING

Name of Student	Enrollment No.	Achievement/Event Name	Grade
Serena Burly	210120119010	GD/PI at LAKSHYA 2022 (National Level Edu Techfest organized by Team Robocon, LDCE, Ahmedabad)	1st Position
Hingu Abhishek	190123119003	NPTEL Certification on "Automation in Production Systems and Management" in Jul-Oct 2021- 62% Score.	Elite Silver Certificate
Yash Bhavsar	190123119002	NPTEL Certification on "Automation in Production Systems and Management" in Jul-Oct 2021-60% Score.	Elite Silver Certificate

ELECTRICAL ENGINEERING

Name of Student	Enrollment No.	Achievement/Event Name	Grade
Patel Ravi	190123109010	Filed patent on Solar panel mounting system	-

ELECTRONICS AND COMMUNICATION DEPARTMENT

Name of Student	Enrollment No.	Achievement/Event Name	Grade
Golwelkar Neel	190120111002	Won Gold Medal in Kata Fight and Bronze Medal in Kumite Fight during "All India Shito-Ryu Karate Tournament", organized by "Okinawa Shito-Ryu School of Karate, India" at Udaipur, Rajasthan, on 25th & 26th September 2021.	1st Position (Gold Medal) in Kata Fight and 3rd Position (Bronze Medal) in Kumite Fight
		Won a Gold medal in the 60 Kg Weight Category (under 21 years) during the "State Selection Karate Tournament", organized by "Karate Association of Ahmedabad" at Khokhra Sports Complex, Ahmedabad on 27th & 28th November, 2021	1st Position (Gold Medal)

		Won a Bronze medal in the 60 Kg category during the "Gujarat State Sub-Junior / Cadet / Junior U-21 Karate Championship", organized by "Karate Do Federation Gujarat" at Gandhidham, Kutch on 11th & 12th December 2021.	3rd Position (Bronze Medal)
Chintan Chhatbar	150120111003	Joined the Indian Navy as an Officer after clearing SSB exam. Out of 2000 students at INA, he was awarded the "Flag Officer Commanding in Chief" during the passing out parade at INA on 27th November 2021.	2nd Position (Silver Medal)

INFORMATION TECHNOLOGY

Name of Student	Enrollment No.	Achievement/Event Name	Grade
Ukani Vedant	200120116062	NPTEL Certification on "DataBase Management System" in July-Sep 2021- 86% Score (Elite+Gold).	Topper of 1% in this course
Harshora Akshay	200120116532	NPTEL Certification on "Programming in Java") in Jul-Oct 2021- 77% Score.	Elite Silver Certificate
Pragya Gupta	190120116021	NPTEL Certification on "Introduction to algorithms and analysis" in July-Oct 2021- 87% Score.	Elite Silver Certificate
Drashti Patel	180120116059	NPTEL Certification on "Introduction to Machine Learning" in July-Sep 2021- 70% Score.	Elite Certificate
Patel Devanshi	200120116051	NPTEL Certification on "DataBase Management System" in July-Sep 2021- 63% Score.	Elite Certificate
Aniket Mishra	190120116041	NPTEL Certification on "Data Science for Engineers" in Jul-Sep 2021-70% Score.	Elite Certificate
Ukani Vedant	200120116062	NPTEL Certification on "Programming in Java" in Jan-Apr 2022-91% Score.	Elite Gold Certificate

Dhruv Patel	190120116064	NPTEL Certification on "Programming, Data Structures & Algorithms using Python" in Jan-Mar 2022-83% Score.	Elite Silver Certificate
Vrutti Patel	190120116089	NPTEL Certification on "Programming, Data Structures & Algorithm using Python" in Jan-Mar 2022-75% Score.	Elite Silver Certificate
Bhadani Kishan	200120116015	NPTEL Certification on "Programming in Java" in Jan-Apr 2022-82% Score.	Elite Silver Certificate
Rudra Patel	190120116029	NPTEL Certification on "Blackchain and its Application" in Jan-Apr 2022-81% Score.	Elite Silver Certificate

MASTER OF BUSINESS ADMINISTRATION

Name of Student	Enrollment No.	Achievement/Event Name	Grade
Shah Binal	197150592057	Ms. Shah Binal, a student of MBA Batch 2019-21 was awarded Gold Medal at the 11th convocation of Gujarat Technological University held on 27th January 2022 at Science City, Ahmedabad for securing the highest CPI amongst all students of Information Technology Management (ITM) specialization.	1st Rank (Gold Medal)
Rao Prarthit	217150592058	Appointed as a "GTU Cricket Team" Captain for the All-India University Cricket Tournament	-
Solanki Himal	207150592059	Appointed as "GTU Soft Ball Team" Member	-
Sonvane Jigar	207150592059	Appointed as "GTU Soft Ball Team" Member	-

EXPERT LECTURES

CIVIL ENGINEERING

Date	Semester	Expert Detail	Topic	No. of Participants
05/03/2022	3 ,5 & 7	Mr. Kaushal Shah, Junior Engineer (Civil), GETCO	Essential Skills required for Civil Engineer	70

COMPUTER ENGINEERING

Date	Semester	Expert Detail	Topic	No. of Participants
05/02/2022	6	Mr. Abhishek Pujara, Techmicra Solutions	Internet of Things in Gaming	132

ELECTRICAL AND ELECTRONICS AND COMMUNICATION ENGINEERING

Date	Semester	Expert Detail	Topic	No. of Participants
15/03/2022	4	Mr. Naman Vashishth, ATS Automation,	Industrial Automation (Online Lecture)	45
23/02/2022	6	Prof. Jignesh Bhatt, Associate Professor, Dharmsinh Desai University	Expert Session Smart Grid- Recent Trends, Applications & Technologies	55

MASTER OF BUSINESS ADMINISTRATION

Date	Semester	Expert Detail	Topic	No. of Participants
03/01/2022	1 & 3	Mr. Vivek Randeria, Founder and Corporate Trainer, Hunch Consultants	Effective Communication Skills	80
31/12/2021	1 & 3		Effective Presentation Skills	79
27/12/2021	1 & 3		The Art of Leadership & Team Building	93
17/12/2021	1 & 3	Ms. Sandhya Anantani, Team Member, Hunch Consultants	Corporate Grooming & Business Etiquettes	85
30/11/2021	1 & 3	Mr. Vivek Randeria, Founder and Corporate Trainer, Hunch Consultants	Time Management	82
23/11/2021	1 & 3		Shape your Destiny	93

MERITORIOUS STUDENTS

CIVIL ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
210120106001	Rathod Rahul	7.29
210120106006	Varma Jignesh	7.29

SEMESTER 2

Enrollment No.	Name	SPI
200120106002	Patel Rushi	9.28
200120106001	Panchal Devansh	9.00
200120106003	Sharma Ankit	8.89
200120106004	Prajapati Chirag	8.78
200120106005	Patel Harsh	8.78

SEMESTER 3

Enrollment No.	Name	SPI
200120106002	Patel Rushi	9.04
210120106502	Bhavsar Pratham	8.65
200120106012	Zala Indravadansinh	8.52
200120106005	Patel Harsh	8.03
200120106004	Prajapati Chirag	8.17

SEMESTER 4

Enrollment No.	Name	SPI
190120106011	Sheth Dhruvi	9.04
200120106536	Chakrabarti Ayushi	8.83
200120106514	Meswania Jahnvi	8.52
200120106519	Shah Jay	8.52
200120106538	Jadhav Leena	8.52

SEMESTER 5

Enrollment No.	Name	SPI
190120106011	Sheth Dhruvi	8.52
190120106004	Doshi Agam	8.17
200120106536	Chakrabarti Ayushi	8.14
200120106503	Khatri Vivekkumar	8.01
200120106505	Baldaniya Ravi	8.01

SEMESTER 6

Enrollment No.	Name	SPI
180120106007	Jain Darshilkumar	9.57
180120106008	Koradiya Neha	9.04
180120106010	Kureshi Ikrama	9.04
180120106012	Maru Gunjal	9.04
180120106016	Patel Smit	8.91

SEMESTER 7

Enrollment No.	Name	SPI
180120106012	Maru Gunjal	9.13
180120106007	Jain Darshilkumar	8.96
180120106010	Kureshi Ikrama	8.05
180120106003	Barot Love	8.21
180120106016	Patel Smit	8.17

SEMESTER 8

Enrollment No.	Name	SPI
170120106015	Kathiriya Pooja	10.00
180123106001	Barot Yash	10.00
180123106012	Shah Mohil	10.00
170120106027	Patel Kushkumar	10.00
170120106007	Chaudhary Rohil	10.00

COMPUTER ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
210120107030	Bhadiyadra Samit	9.47
210120107038	Panchal Khushi	9.29
210120107035	Shah Diya	9.24
210120107081	Vatsal Raichura	9.24
210120107093	Shreyansh Pandey	9.24

SEMESTER 2

Enrollment No.	Name	SPI
200120107041	Vaghela Harshrajsinh	9.55
200120107020	Patel Sakshi	9.05
200120107070	Panchal Bhavy	9.02
200120107083	Patel Prerak	9.15
200120107095	Panjabi Siddhi	9.01

SEMESTER 3

Enrollment No.	Name	SPI
200120107083	Patel Prerak	9.39
200120107041	Vaghela Harshrajsinh	9.26
200120107020	Patel Sakshi	8.83
200120107084	Patel Jay	8.07
200120107038	Harsh Peshwani	8.65

SEMESTER 4

Enrollment No.	Name	SPI
190120107001	Adwani Ritesh	9.26
200120107521	Kansara Mansi	9.09
190120107159	Vishwas Shukla	9.04
190120107166	Priyam Soni	9.04
190120107029	Dave Prakruti	9.04

SEMESTER 5

Enrollment No.	Name	SPI
200120107536	Patel Vidhi	9.57
190120107159	Vishwas Shukla	9.52
190120107020	Debasish Borah	9.35
190120107121	Radadia Meet	9.03
190120107142	Shah Foram	9.22
190120107150	Shah Sapan	9.22

SEMESTER 6

Enrollment No.	Name	SPI
180120107097	Pandya Pavan	10.00
180120107048	Goel Shrey	9.83
180120107159	Yashvi Shah	9.83
180120107067	Kothari Kunal	9.78
180120107164	Singh Smriti	9.78

SEMESTER 7

Enrollment No.	Name	SPI
180120107005	Agrawal Harsh	9.08
180120107086	Nainwani Mohit	8.96
180120107048	Goel Shrey	8.83
180120107156	Shah Shreya	8.83
180120107179	Turakhia Dhruvi	8.83

SEMESTER 8

Enrollment No.	Name	SPI
180120107048	Goel Shrey	10.00
180120107034	Devani Krina	10.00
180120107020	Chirag Chellani	10.00
180120107025	Dadlani Rohit	10.00
180120107008	Bhanvadiya Sahil	10.00

ELECTRICAL ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
210120109001	Raval Aditya	8.62

SEMESTER 2

Enrollment No.	Name	SPI
200120109002	Patel Sandip	8.14
200120109003	Divyen Soni	7.09

SEMESTER 3

Enrollment No.	Name	SPI
200120109004	Tomar Vivansingh	7.74
200120109002	Patel Sandip	7.43
210120109502	Prajapati Divyangkumar	6.52
200120109001	Patel Jil	6.48

SEMESTER 4

Enrollment No.	Name	SPI
200120109517	Khan Faizaan	8.91
200120109502	Yadav Aman	8.74
200120109519	Shaikh Mohdbilal	8.07
200120109520	Shaikh Mohamedraza	8.52
190120109001	Dave Utkarsh	8.03

SEMESTER 5

Enrollment No.	Name	SPI
200120109502	Yadav Aman	8.33
190120109001	Dave Utkarsh	7.87
190120109003	Gajjar Krunalkumar	7.61
200120109517	Khan Faizaan	7.57
200120109515	Patel Kushkumar	7.29

SEMESTER 6

Enrollment No.	Name	SPI
180120109002	Pulavwala Yusuf	9.04
180120109003	Sodha Swaroopsingh	8.91
180120109004	Trivedi Harsh	8.91
190123109003	Shaikh Mohammed Saffan	8.09
190123109001	Bathani Daksh	8.86

SEMESTER 7

Enrollment No.	Name	SPI
180120109004	Trivedi Harsh	8.05
190123109013	Sathvara Harshil	8.38
190123109017	Suthar Rutvik	8.38
180120109002	Pulavwala Yusuf	8.38
180120109003	Sodha Swaroopsingh	8.17

SEMESTER 8

Enrollment No.	Name	SPI
190123109013	Sathvara Harshil	10.00
190123109003	Shaikh Mohammed Saffan	10.00
180120109003	Sodha Swaroopsingh	10.00
190123109010	Patel Ravibhai	10.00
180120109002	Pulavwala Yusuf	10.00

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
210120111005	Dave Jiya	7.57
210120111003	Shah Siddharth	6.95

SEMESTER 2

Enrollment No.	Name	SPI
200120111004	Sharma Jahnvi	9.06
200120111006	Sharma Pratham	9.06
200120111017	Pranjal	8.78
200120111007	Tushkar Bhatia	8.56
200120111002	Thakur Karan	8.39

SEMESTER 3

Enrollment No.	Name	SPI
200120111004	Sharma Jahnvi	7.74
200120111005	Jonwal Megha	7.74
200120111011	Mudaliyar Shashwat	7.48
200120111006	Sharma Pratham	7.43
200120111003	Dalsaniya Chiragkumar	6.87

SEMESTER 4

Enrollment No.	Name	SPI
190120111002	Golwelkar Neel	8.39
200120111501	Pradhan Dev	7.87
190120111003	Patel Darshan	7.07
200120111502	Rajyaguru Aditi	7.07
190120111001	Aasodiya Pavan	6.78

SEMESTER 5

Enrollment No.	Name	SPI
200120111501	Pradhan Dev	7.76
190120111002	Golwelkar Neel	7.39

SEMESTER 6

Enrollment No.	Name	SPI
180120111001	Detroja Akshit	10.00
180120111010	Tharakan Sreeraj	9.35
180120111005	Patel Twisha	9.26
180120111003	Mishra Gourav	9.04
180120111008	Singh Sanjana	9.04

SEMESTER 7

Enrollment No.	Name	SPI
180120111001	Detroja Akshit	8.96
180120111010	Tharakan Sreeraj	8.79
180120111005	Patel Twisha	8.67
180120111003	Mishra Gourav	8.05
180120111008	Singh Sanjana	8.21

SEMESTER 8

Enrollment No.	Name	SPI
170120111003	Parikh Charmi	10.00
180123111004	Ghadiya Swati	10.00
170124111001	Palak Gupta	10.00
170120111005	Singhvi Ayush	10.00
180123111001	Bajpai Aditya	10.00

INFORMATION TECHNOLOGY ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
210120116017	Lavingiya Mahek	8.86
210120116031	Meshwa Patel	8.86
210120116075	Patel Vedant	8.67
210120116066	Galani Divanshukumar	8.48
210120116001	Patel Akshaykumar	8.43
210120116012	Somani Vansha	8.43
210120116044	Soni Krutik	8.43

SEMESTER 2

Enrollment No.	Name	SPI
200120116027	Shah Ansh	9.72
200120116068	Thacker Hetvi	9.72
200120116005	Mustali Mustansir	9.56
200120116041	Vaghasiya Jaykumar	9.56
200120116012	Khemani Jayesh	9.44

SEMESTER 3

Enrollment No.	Name	SPI
210120116505	Bhavnani Bhavesh	9.17
200120116042	Panchal Dhruv	8.87
200120116041	Vaghasiya Jaykumar	8.07
200120116062	Ukani Vedant	8.07
200120116020	Bhavsar Ayush	8.65

SEMESTER 4

Enrollment No.	Name	SPI
190120116088	Vraj Patel	9.26
190120116128	Yugal Patidar	9.26
190120116021	Gupta Pragya	9.04
190120116046	Munshi Saumya	9.04
190120116103	Shah Isha	9.04

SEMESTER 5

Enrollment No.	Name	SPI
190120116078	Patel Rudra	9.83
200120116503	Thakkar Tulsi	9.62
200120116507	Shah Drashti	9.62
190120116065	Patel Dhruviben	9.57
190120116101	Shah Akshita	9.43

SEMESTER 6

Enrollment No.	Name	SPI
180120116017	Darshak Devani	10.00
180120116097	Heer Shah	10.00
180120116098	Heli Shah	10.00
180120116101	Parshwa Shah	10.00
180120116096	Forum Shah	10.00

SEMESTER 7

Enrollment No.	Name	SPI
180120116098	Shah Heli	9.54
180120116113	Soni Kenil	9.05
180120116101	Shah Parshwa	9.38
180120116097	Shah Heer	9.25
180120116112	Soni Kanal	9.25

SEMESTER 8

Enrollment No.	Name	SPI
170120116051	Patel Dhruv	10.00
170120116019	Gothi Nishi	10.00
170120116016	Gajjar Parvish	10.00
170120116013	Desai Sachin	10.00
170120116053	Patel Drushti	10.00

MECHANICAL ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
210120119010	Serena Burly	8.00
210120119001	Kumbhani Jenil	7.76

SEMESTER 2

Enrollment No.	Name	SPI
200120119004	Mehta Yash	9.56
200120119006	Panchal Ujjawal	9.28
200120119011	Soneji Nishit	9.28
200120119003	Pathak Mahimn	9.06
200120119014	Pathak Bhargav	9.06

SEMESTER 3

Enrollment No.	Name	SPI
200120119003	Pathak Mahimn	7.83
200120119001	Pansuriya Vatsalkumar	7.57
200120119009	Patal Jay	7.57
210120119516	Dave Daksh	7.57
200120119004	Mehta Yash	7.48

SEMESTER 4

Enrollment No.	Name	SPI
200120119511	Prajapati Khushal	9.04
200120119543	Tavre Dhruv	9.04
200120119507	Veer Panchal	8.91
200120119529	Suthar Siddhant	8.91
200120119525	Panchal Yash	8.87

SEMESTER 5

Enrollment No.	Name	SPI
200120119511	Prajapati Khushal	8.62
200120119528	Shah Jeel	8.01
200120119504	Suthar Rutikkumar	8.05
200120119525	Panchal Yash	8.00
200120119521	Bhavsar Karan	7.09

SEMESTER 6

Enrollment No.	Name	SPI
190123119001	Ansari Siraj	9.67
180120119003	Bhatt Rishikesh	9.52
190123119002	Bhavsar Yash	9.33
190123119007	Panchal Ayush	9.14
180120119022	Patel Vishwesh	9.13

SEMESTER 7

Enrollment No.	Name	SPI
190123119002	Bhavsar Yash	8.88
190123119021	Gupta Gaurav	8.88
190123119001	Ansari Siraj	8.83
180120119003	Bhatt Rishikesh	8.71
190123119012	Patel Devangkumar	8.67

SEMESTER 8

Enrollment No.	Name	SPI
170120119008	Chauhan Darshan	10.00
170120119003	Antala Priyank	10.00
180123119006	Belim Iliyasbhai	10.00
180123119027	Suthar Dhruv	10.00
170120119051	Patel Deep	10.00

MASTER OF BUSINESS ADMINISTRATION

SEMESTER 1

Enrollment No.	Name	SPI
217150592015	Raisinghani Neha	8.57
217150592022	Trivedi Mihir	8.57
217150592029	Mudaliyar Lavaniya	8.57
217150592031	Naidu B Sowmiya	8.57
217150592020	Makvana Twinkle	8.43
217150592030	Trivedi Nidhi	8.43

SEMESTER 2

Enrollment No.	Name	SPI
207150592016	Maurya Ankush	9.71
207150592028	Shaikh Zeba	9.14
207150592003	Panchal Harshkumar	9.14
207150592007	Thakkar Pratixa	9.00
207150592027	Gupta Heena	9.00

SEMESTER 3

Enrollment No.	Name	SPI
207150592028	Shaikh Zeba	9.25
207150592003	Panchal Harshkumar	9.13
207150592027	Gupta Heena	9.13
207150592016	Maurya Ankush	9.00
207150592007	Thakkar Pratixa	9.00

SEMESTER 4

Enrollment No.	Name	SPI
197150592057	Shah Binal	10.00
197150592026	Koshti Ankit	9.06
197150592056	Savlani Hiral	9.04
197150592020	Joshi Ayushi	9.04
197150592045	Patel Jigar	9.04
197150592066	Solanki Ronak	9.04

ME -SOFTWARE ENGINEERING

SEMESTER 1

Enrollment No.	Name	SPI
210120702005	Mudaliar Jayasudha	9.11
210120702006	Kansara Vatsal	9.11
210120702011	Bhatt Rudra	8.67
210120702003	Sompura Shivani	8.44

SEMESTER 2

Enrollment No.	Name	SPI
200120702010	Sucheta Gupta	9.56

SEMESTER 3

Enrollment No.	Name	SPI
200120702010	Sucheta Gupta	7.94

SEMESTER 4

Enrollment No.	Name	SPI
200120702010	Sucheta Gupta	9.13
200120702005	Shah Devarsh	8.25
200120702013	Vaswani Jagruti	8.25
200120702006	Patel Jay	7.56

ME -THERMAL ENGINEERING

SEMESTER 1

Enrollment No.	Name	SPI
210120721001	Kubavat Mitesh	8.22

SEMESTER 2

Enrollment No.	Name	SPI
200120721001	Ankit Gandhi	8.89

SEMESTER 3

Enrollment No.	Name	SPI
200120721001	Ankit Gandhi	8.25
200120721002	Jadeja Bhagirathsinh	6.63

SEMESTER 4

Enrollment No.	Name	SPI
190120721005	Thacker Jay	9.13
190120721004	Pandya Manan	8.25
190120721002	Kara Suresh	8.25
190120721003	Pal Surajkumar	8.13

ME -CAD/CAM
SEMESTER 3

Enrollment No.	Name	SPI
200120708004	Panchal Deep	7.81
200120708001	Gadkari Bhavesh	7.44
200120708005	Bhalagama Sandip	7.19
200120708002	Patel Jaydeep	7.13
200120708003	Kartikey Dave	7.00

RESOURCE CENTRE
Year in Review

Each year Resource Centre serves hundreds of students, faculty and staff members. Here's closer look at what we were upto in the year 2021-22 academic year!

2083
# of in-person visits for resources.

8335
# of items are borrowed.

122
# of journal issues are added.

72
# of books are added.

219
# of new library cards are issued.

41
# of books are received as donation.

242
# of resources are reserved and borrowed.

1895
# of times computers are used for searching.

124
# of project reports are added.

176
# of subjects' materials are added..

36
# of faculty publications are added.

107
# of participants attended Online six days Short Term Training Programme, sponsored by GTU and AICTE, New Delhi on **"Role of Libraries and Librarians in Pandemic Era"** from 21/02/2022 to 26/02/2022 organised by Resource Centre & GIT-IQAC of Gandhinagar Institute of Technology, Gandhingar.

102
# of participants attended expert talk on **"Crowded Cafes Empty Libraries"** on 22 nd April 2022, to celebrate World Book Day organized by Resource Centre and GIT-IQAC of Gandhinagar Institute of Technology, Gandhinagar.

GIT-JOURNAL OF ENGINEERING AND TECHNOLOGY

GIT-Journal of Engineering and Technology (ISSN 2249 – 6157) is a Peer Reviewed National Journal which aims to provide an opportunity to research scholars, faculties, industry experts, working professionals and students to interact and share their research knowledge and experience, showcase their quality research outcomes in the field of all the branches of Engineering, Technology and Management. The main objective of GIT-JET is to strengthen the boundaries of the journal, the reviewer database, and to motivate potential authors to provide quality research with minimum plagiarism. GIT-JET has been publishing its volumes since 2008. GIT-JET is a multidisciplinary journal which is published annually. Occassionally, GIT-JET publishes Special Editions about specific Research Themes/ International Conferences. The Journal applies a Blind peer review.

In **July 2021**, the journal successfully published **Thirteenth Volume** of National Journal 'GIT-Journal of Engineering and Technology' with the advice and support of our Respected Editorial Board Members and Reviewers. Research papers were invited from the researchers of all domains in engineering and technology across India and it received approximately 100 Manuscripts. After the blind peer review process, with 75% rejection based on Novelty, Originality, and Innovation; 25 final manuscripts were selected for the publication and were published in the 13th volume of the journal.

GIT-JET Committee started working for 14th volume,2022 Publication from December 2021 and sent Call for Papers all over India. In June 2022**,** the Fourteenth volume comes up with a **Special edition** of National Journal "GIT-Journal of Engineering and Technology" ISSN 2249 - 6157. GIT-JET Committee is happy to share that special edition is in the form of post publication of **"International Conference on Recent Progress in Material Science and Mechanical Engineering"** held at Metallurgical Department, Government Engineering College, Gandhinagar jointly organized with Mechanical Engineering Department, Government Engineering College, Patan and sponsored by GUJCOST. The publication highlights some of the latest developments in the areas of material science and other related areas. GIT-JET feels privileged to make this publication a part of its successive edition and GIT is thankful to **Dr S. P. Dave, Dr H. S. Patel, Dr I. B. Dave, Dr H. N. Panchal and the organizing team & all the contributors** to select GIT- JET as a post publication of research performed by the researchers.

GIT-Journal of Engineering and Technology is **Google Scholar Indexed,** and it is also in process of indexing like DOAJ, ResearchGate, Publon Etc.

Two events were organized by GIT-JET:

Webinar on GIT-JET Rules and Regulations & How to write Research Paper

The "GIT-Journal of Engineering and Technology" of Gandhinagar Institute of Technology organized a webinar on "How to write Research Paper & GIT-JET Rules and Regulations" on 2nd December 2021.Respected Director, Dr H N Shah was instrumental in planning and execution of the webinar. GIT-JET committee acknowledges the support of all Trustees and Management in providing the necessary infrastructure and resources for conducting the event successfully. The webinar was coordinated by Prof. Pooja Patanwal (GIT-JET Coordinator, CL) and Prof. Dhaval Panchal (GIT-JET Co-Coordinator, ME).

The objective of this webinar was to create awareness about "How to write a research paper and GIT-JET Rules and regulations". Nowadays, awareness is very important about the structure and flow of a research paper. Also, it is important to understand the basic journal criteria like paper format and originality of a particular research paper.

The webinar was organized virtually via Google Meet for the students of GIT. Prof. Pooja Patanwal (GIT-JET Coordinator, CL) started the session by giving an introduction about GIT-JET. Following topics such as introduction to research, how to choose your topic and title for research, Structure and flow of research paper, theory and hypothesis development, findings and conclusion were discussed. At last, the webinar enlightened the students about GIT-JET rules and regulations, paper format, manuscript's submission procedure. Prof. Dhaval Panchal displayed the newly formed GIT-JET web page to the students which contains all the necessary details about the Journal. More than 50 participants have attended the session. At the end of the session, queries regarding publication were resolved by Prof. Pooja Patanwal and Prof. Dhaval Panchal. Prof. Dhaval Panchal gave a vote of thanks and motivated students to publish and showcase their quality research work in GIT-JET.
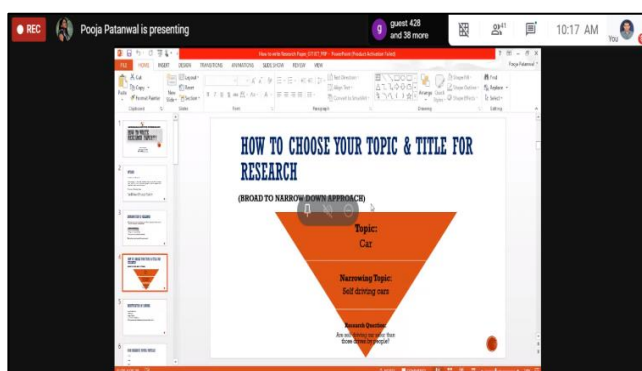
How to choose Topic & Title for Research	Structure & Flow of Research Papers
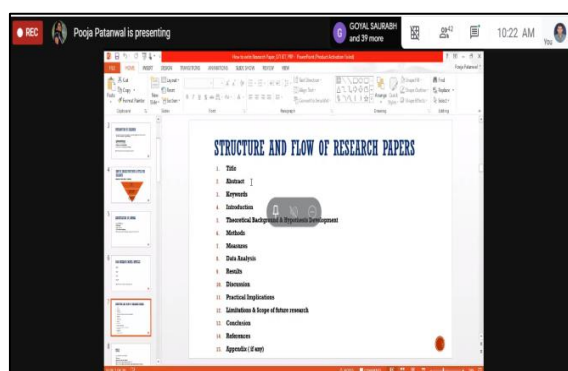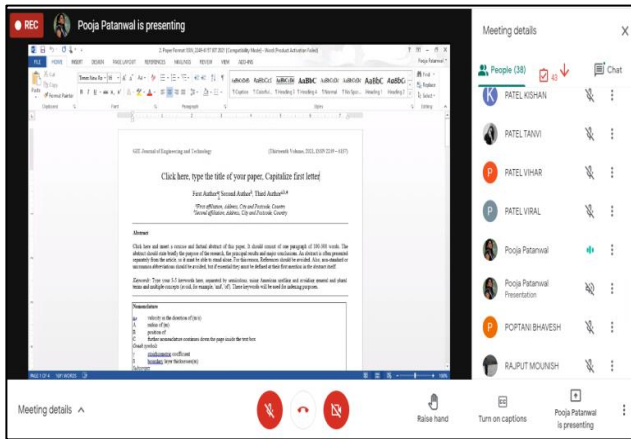
Research Paper Format
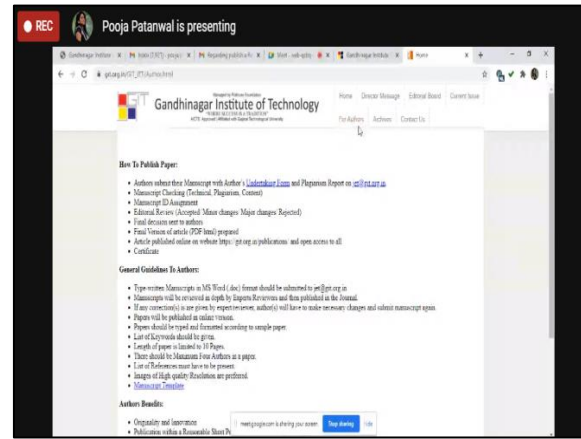
Manuscript Submission Procedure

GIT-JET Logo Design Competition

GIT-JET organized a Logo Design Competition from 4th Jan 2022 to 8th Jan 2022, to seek student's involvement and participation to showcase their innovative skills and creative imagination by designing an inspiring and eye-catching logo for "GIT-Journal of Engineering and Technology". GIT-JET Committee provided some terms and conditions, technical specifications, and evaluation criteria to the students. A total of 33 entries were received for logo design from GIT students. Evaluation and judgment were done on the basis of elements of creative structure, originality, implication and visual impression. Winner of Logo Design Competition was **Sharma Jahnvi Rajesh** (Sem. 3, EC, Enrollment No.: 200120111004). The Winner was awarded with certificate and cash prize. All student participants were also awarded with participation certificate too.
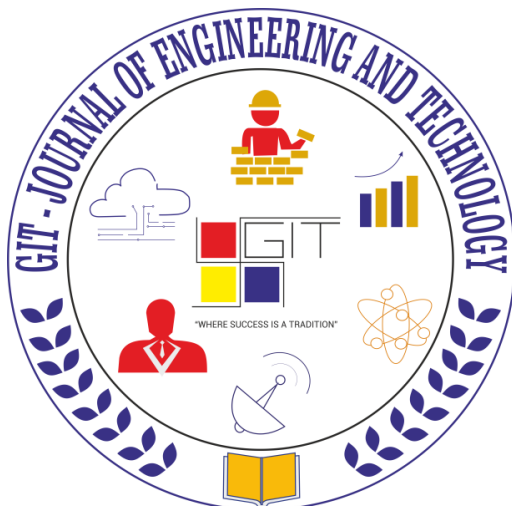
GIT-JET Logo

Sharma Jahnvi Rajesh being awarded as the winner for the Logo Design Competition, by Respected Trustees & Director Sir

PLACEMENT AND INDUSTRY INSTITUTE INTERACTION CELL

PLACEMENT CELL

Placement cell of GIT believes in the strongest placement results and highest level of student and employer satisfaction. Entire team of GIT is working very hard to achieve the highest level of placement. Most of our students have their career paths chartered much before their graduation. As the time passes, we are designing our placement procedure more lucrative and contemporary. So, students can take maximum benefits of college offered placement. In GIT, along with TPO, a dedicated team of department faculty coordinators are also working enthusiastically to place students. This year the campus placement is having remarkably good offers for GIT final year students, many of them got the offers even before they passed out.

In the year 2021-2022, placement cell placed 139 students out of 153 (interested in placement) in this current scenario with more than 62 companies for the campus placement. Placement cell has provided internships to more than 475 students. Placement Cell has successfully executed MOU for the Placement, Training, Industry visits and Internship with more than 22 companies. Reputed top brands like Tata Consultancy Services, Wipro Ltd., Byju's, Bosch Rexroth (India) Ltd., eClinicalworks, Guj Info Petro Ltd., ICICI Bank, Reliance Retail, Odoo India Ltd., Decimal Points Analytics Pvt. Ltd. etc. carried out the placement drive and selected students from various branches of GIT.

Total No. of Job Offers	
CE	45
IT	22
MECH	10
CIVIL	5
E.E.	6
EC	4
MBA	48
Total	139

Total No. of Internships		Projects
CE	153	56
IT	131	17
EE	21	0
EC	10	3
ME	70	1
Civil	26	21
MBA	68	68
Total	479	166

Placement Highlights of Year 2021-22	
Total no. of companies visited	62
Total no. of offers made to the students	139
Highest Package Mechanical (Domino Printech India LLP)	3.2 LPA
Highest Package E.C. (Wipro Ltd.)	3.5 LPA
Highest Package C.E. (Byju's)	6 LPA
Highest Package I.T. (Byju's)	10 LPA
Highest Package Civil (Amrut Infrastructure)	2 LPA
Highest Package Electrical (Shetty Infrastructure Pvt. Ltd.)	2.3 LPA
Highest Package MBA (Odoo India Ltd.)	5 LPA
Average Package Per offer	3.5 LPA

STUDENTS TALK FOR PLACEMENT

Very, very rarely does it ever pay to get a job! That first job is extremely important as— it will determine the outcome/success of my early career— and may well launch me into my entire life's career/work. It was a great day when I was selected in one of the reputed Blockchain Company, "Knackroot Technolabs LLP". I would like to thank my college for giving me opportunities in various areas of my interest. This helped me grow as a person and achieve the peaks of success. I'm grateful to carry bundles of joy and happiness from GIT to my new workstation.
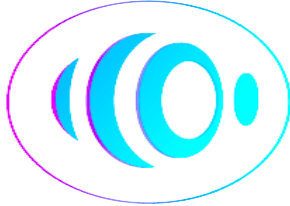
Ms. Aayushi Shah
Information Technology
Knackroot Technolabs LLP
3.25 PLA

GIT is a wonderful place for all the students seeking the right career. My college has given me and all my friends a lot of opportunities to get the right job. The staff at GIT is very supportive and really takes a lot of pain to develop the students. I am thankful to TPO, Director Dr H N Shah, faculty members and management of GIT for my success. I got placed with 2,16 LPA at Ordex Technology and Solutions.

Mr. Krushang Parmar
Information Technology
Ordex Technology and Solutions
2.4 LPA

It was a day that I would never forget in life when I got the mail congratulating me for getting selected in a well-organized civil engineering company in the 2021-22 placement drive. I would like to express my gratitude to the Training and Placement Officer, Mr. Snehal Barot and for continuously providing placement drives. I would like to thank my college and department faculties for giving me opportunities in various events to challenge my knowledge. I wish best of luck to all my fellow colleagues for their bright future.

Mr. Meet Sapariya
Civil Engineering
JC builders
2.0 LPA

It was a day I would remember for life when I got the mail congratulating me for getting selected in this well-known reputed Electrical Panel manufacturing company named Ascent Ind-Tech & Controls. I would like to express my gratitude to our Training and Placement Officer, Mr. Snehal Barot for guiding me in this journey of getting placed. I would like to thank my college for giving me opportunities in various areas of my interest. This helped me grow as a person and achieve the peaks of success.

Mr. Harsh Trivedi
Electrical Engineering
Ascent Ind-Tech & Controls
1.8 LPA

My overall experience has been fantastic so far! I have excelled my expectations with grades and achieved success in both years. I got amazing opportunities from GIT to perform and prove myself. From those opportunities day by day the level of confidence was increasing. The entire journey was memorable and filled with lots of challenges and responsibilities. I am extremely thankful to our Training and Placement Officer, Mr. Snehal Barot and my departmental coordinator for getting me placed. There is lot of things to mention but only one sentence presents everything. Wherever I am right now it's just because of GIT. Thank you, team GIT.

Mr. Vivek Vyas
Master of Business Administration
Odoo India Ltd.
5 LPA

GIT, whenever I hear this name, it brings a smile to my face. During my post-graduation I have had the best experiences and memories which I will cherish for my entire life. The college was like my family where faculty members were like the backbone. GIT is the place where I know what I am capable of doing. But this was not possible without any support from my respected Professors. Here, I developed as a person, who was ready to take on the world. There was tremendous support from all the Professors regarding managing things, taking whole new responsibilities and the knowledge that they had showered on us. I am very much thankful to this Institute for giving me one of the best days of my life.

Mr. Jay Lodha
Master of Business Administration
S&P Global Capital (India) Pvt. Ltd
4.6 LPA

Gandhinagar Institute of Technology is responsible in various important areas for the Nation and is also contributing to the rapidly growing scientific and technological knowledge by undertaking research and industrial consultancy. Recognizing the importance of research and development in the areas of production management and quality control as well as imparting industrial training to the engineering students, various MOUs have been signed.

Purpose of MOU:

The MOU is intended to recognize the general basis for a cooperative and a collaborative working relationship between the two parties. The purpose of MOU is to have mutual intentions to jointly work on projects required for industries and research needs, with learned faculty of good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified below:

- Industrial Visits
- In-plant Training & special Technical Training to make the students industry-ready
- Guest Lectures
- Mini Projects and Main Project Work
- Research & Development
- Problem Solving
- Studies & Survey
- Placements
- Internships
- Technical Support in Establishing Advanced Labs

Date of MoU	Name of the Company	Period	Branch
3/8/2021	Laser Fabtech Pvt. Ltd.	3 Years	EE / ME
7/12/2021	Bolt IOT	3 Years	All Branches
4/3/2022	Ahmedabad Women's Action Group (AWAG)	Lifetime	All Branches
21/3/2022	GlobalHunt Foundation	Lifetime	All Branches
28/3/2022	Monster India	3 Years	All Branches

STUDENTS' INTERNSHIP ACTIVITIES

The project Fair provides an opportunity to every Final Year student to show-casing their creativity and talent or the teamwork during the year either through the working project or through posters of the project-work. The silent objective was to enhance the presentation capabilities and skills of the students. The conversation with coordinator and internal guide helped them in iterating their future enhancement ideas regarding project and internship. Additionally, they also learn the importance of the needs of consumers while interacting with the guides and other students.

Outline of the event:

Gandhinagar Institute of Technology had organized Project /Internship Day-2022 on 1st April 2022 for Computer Engineering and Information Technology, Mechanical Engineering, Civil Engineering, Electrical Engineering and Electronics and Communication Engineering under the guidance of Dr H N Shah, Director. The event was organized for 8th semester students as a part of the Internship/Project curriculum. Total 605 students of six different branches were given a platform to express their innovative, novel, capability by displaying their project ideas. The evaluation was done by the panel of internal faculty members of the institute. The best 3 projects and Internships of each department were given a token of appreciation.

Teams presented:

Sr. No.	Department	No. of Students	No. of Projects	No. of Internship
1	Computer Engineering	211	25	153
2	Information Technology	151	10	132
3	Mechanical Engineering	74	2	70
4	Civil Engineering	50	8	26
5	Electrical Engineering	21	0	21
6	Electronics & Communication Engineering	13	3	10

Feedback of Students:

I am very thankful to the institute for organizing such a wonderful event. I got great technical knowledge. I request to arrange more such interactions so that students become aware about the technological advancements in the industry.

Yusuf Pulawvala (180120109002)

It was a fantastic opportunity to be a part of this Project fair. Attending the project fair has a new experience and several benefits, such as learning about different projects and

proposals from different people. We received the value of learning how to present proposals.

Sanskar Mehta (180120107079)

Feedback from Faculty Members:

The project work done by the final year students is appreciable. This time I found very new and innovative projects in fair organized at our institute. It is a good sign that students have focused on advance technology, software, and utilized the concept in their project work. They came to know about practical application of new technology in their research work.

Megha Desai, AP, EC

The Project/Internship Fair was very effective for encouraging students to develop skills required by the industry. Such sessions help to create an environment where experience of faculty can guide the students to get prepared for the challenges they are going to face after graduation.

Prof. Anirudhdha Nayak, AP, IT

Information Technology and Computer Engineering Department

Mechanical Engineering Department

Civil Engineering Department

Electrical Engineering Department

Electronics & Communication Engineering Department

It was a great opportunity for the students who demonstrated their diligence and technical ability by demonstrating innovative ideas. The final year students got the platform to showcase their innovation, creativity, talent through Project fair-2022. The pre final year students have also got the idea about new technology arising and learnt various software which will be helpful to the society.

Details of Best Projects and Internship

COMPUTER ENGINEERING DEPARTMENT

Rank	Type.	Enrollment No.	Full Name	Title
Winner	Project	190123107011	Manan Patel	Societyster
		190123107010	Nishant Shah	
		190123107014	Roma Patel	
		190123107016	Vidhi Patel	
1st Runner up	Project	180120107100	Patel Deep	Driver Drowsiness detection system
		180120107083	Keyurkumar Modi	
		180120107096	Om Pandya	
		180120107105	Patel Dhruv	
2nd Runner Up	Project	180120107066	Kathiriya Kaushal	Smart Switchboard
		180120107064	Kachhadiya Kishan	
		180120107137	Radadiya Jaydeep Kishorbhai	
		180120107176	Thummar Raj	
Winner	Internship	180120107079	Sanskar Mehta	
1st Runner Up		180120107164	Singh Smriti	
2nd Runner Up		180120107092	Diya Pancholi	

INFORMATION TECHNOLOGY

Rank	Type	Enrollment No.	Full Name	Title
Winner	Project	180120116009	Smit Bhanderi	Agro Ecom Solutions
		180120116045	Heet Mehta	
1st runner Up	Project	180120116096	Forum Shah	Fake Product Identifier
		180120116102	Shah Shreya	
Winner	Internship	170120116047	Patel Chahil	
1st runner Up		180120116046	Maheenbaigum Mogal	
2nd Runner Up		180120116115	Suthar Jugal	
		180120116065	Jeel Patel	

MECHANICAL ENGINEERING DEPARTMENT

Rank	Type	Enrollment No.	Full Name
Winner	Internship	180120119001	Aayush Prajapati
		180120119003	Bhatt Rishikesh
		180120119006	Dhorajiya Jash
1st Runner Up		190123119001	Ansari Siraj Ahmed Abulhasan

CIVIL ENGINEERING DEPARTMENT

Rank	Type	Enrollment No.	Full Name	Title
Winner	Project	190123106005	Vanpariya Deep	Experimental work on natural fiber concrete
		190123106015	Rathour Mehul	
Winner	Internship	180120106007	Jain Darshilkumar	
1st Runner Up		180120106020	Sethi Mohitkumar	

ELECTRICAL ENGINEERING DEPARTMENT

Rank	Type	Enrollment No.	Full Name
Winner		190123109003	Shaikh Mohammed Saffan
1st Runner Up	Internship	180120109002	Pulavwala Yusuf
2nd Runner Up		190123109007	Korat Jaivin Girishbhai

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

Rank	Type	Enrollment No.	Full Name	Title
Winner	Project	180120111002	Mishra Gourav	Any Time Medicine Under Navya Gaon
Winner	Internship	180120111010	Tharakan Sreeraj	
1st Runner Up		180120111005	Patel Twisha	
2nd Runner Up		180120111008	Singh Sanjana	

CLUBS AND CELLS ACTIVITIES

INTERNAL QUALITY ASSURANCE CELL

GIT-IQAC organizes various workshops, seminars, STTP and FDP for the benefit of students, faculties and staff. Several activities organized, this year, are mentioned below:

1. Webinar on Computer Vision

GIT IQAC had organized a webinar on **"Computer Vision"** on 3rd July 2021 for all the faculties and students. The Objective of this webinar was to make the audience aware about recent trends and technologies, one of which is Computer Vision. It is an interdisciplinary scientific field that deals with how computers can gain high-level understanding from digital images or videos. Participants got theoretical as well as practical insights regarding how different algorithms work with different applications for scene reconstruction, object detection, event detection, video tracking, object recognition, motion estimation and image restoration. Around 68 participants along with faculties participated in it.

Prof. Rachana Chhajed discussed the difference between Artificial Intelligence, Machine Learning and Deep Learning and talked about how Computer Vision is different from Human Vision. She explained different types of Computer Vision and the applications with challenges. The program ended successfully with co-operation and coordination of Trustees, Director Sir, Head of the Departments, IQAC Faculty Members, Faculties and Students' Participants.
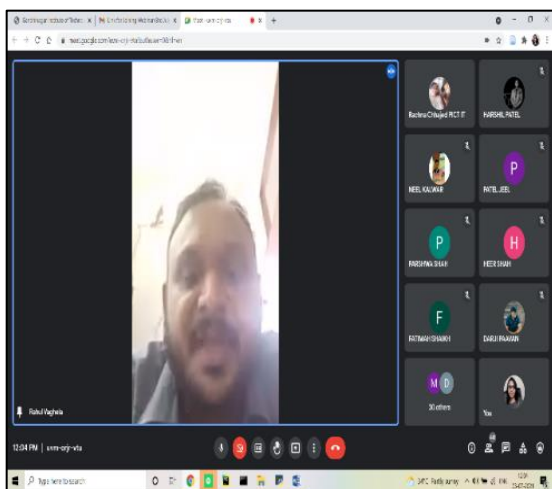
Prof. Rahul Vaghela addressing the Participants
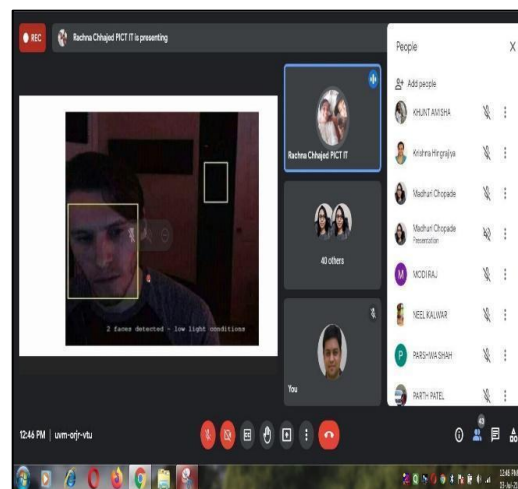
Prof. Rachana Chhajed explaining about Face Detection

Prof. Rachana Chhajed explaining Difference between AI, ML and DL

Participants at a glance

2. Expert Lecture on AWS

The GIT IQAC Cell, Computer Engineering and Information Technology departments have organized an Expert Lecture on "**Amazon Web Service**" on 21st August 2021. The objective of the expert lecture was to give students a foundation through which they learn how to apply the various computer science concepts including Cloud Computing. Around 44 participants have attended the lecture.

AWS enables one to select the operating system, programming language, web application platform, database and other services. AWS is designed to allow application providers, ISVs, and vendors to host the applications quickly and securely– whether an existing application or a new SaaS-based application. With AWS, one takes advantage of a scalable, reliable, and secure global computing infrastructure, the virtual backbone of Amazon.com's multi-billion-dollar online business that has been honed for over a decade. The program ended successfully with co-operation and coordination of Trustees, Director Sir, Head of the Departments, IQAC Faculty Members, Faculties and Students' Participants.

Regarding Amazon Web Services

Importance of Amazon Web Service

3. One week training of solid works software and certification exam for CSWA (Certified SolidWorks Associate)

SolidWorks is one of the most popular 3D Designing software in the industry. A training programme on SolidWorks was organized to improve the skills of the students towards design software, which help them for their projects, competitions and to create a better career profile. The STTP was organized by the Mechanical Engineering Department and GIT-IQAC Cell at GIT from 9th August to 13th August 2021. The goal of the training session was to train students for recent requirements in the field of Computer Aided Designing. After completion of 5 Days' training session, an online sample CSWA exam is conducted to evaluate their ability towards this software.

| Students practicing the Software Commands | Prof. Dhaval Patel explaining the Concepts |

4. Competition based on the 3D modelling software (CAD Cracker)

Mechanical Engineering Department and GIT-IQAC Cell of GIT organized **Competition based on the 3D modelling software on** 23rd August 2021. The goal of the competition was to enhance the caliber of students for a recent requirement in the field of Computer Aided Designing. The event has been divided into three rounds. The first round is of part modeling and the second round contains the assembly drawing. In the third-round industry problems have been given to the students to simulate and optimize the results. Out of eight students, two students have been awarded the first and second rank.

Round-1: Elimination Round, Simple Object (Time base elimination)

In the first round, the session was started by Prof. Dhaval Patel and Prof. Amit Patel by delivering the introduction of modeling tools and their importance in the industry. Prof. Dhaval Patel introduced the SolidWorks software to the students and aware them of the importance and application of the SolidWorks. Participants have been given 30 minutes to complete the part modeling based on which points have been given to the participants.

Round-2: Survival Round, (Assembly)

In the second round, different mechanical assembly drawings with section views and bill of materials have been given to the students. From the drawings, students are required to understand the industrial drawing and generate assembly in the software. Drawing constraints were checked to understand the proper assembly of the mechanism.

Outcome:

After completion of the competition, students came to know about the use of software for industrial applications. They have studied all the fundamental modules of the software, such as modeling, assembly, and simulation. Very good feedback has been obtained from the students regarding their gain during the competition.

Prof. Amit Patel, explaining Rules and Regulations of the Competition.

Prof. Dhaval Patel explaining the Importance of Software in the Industry.
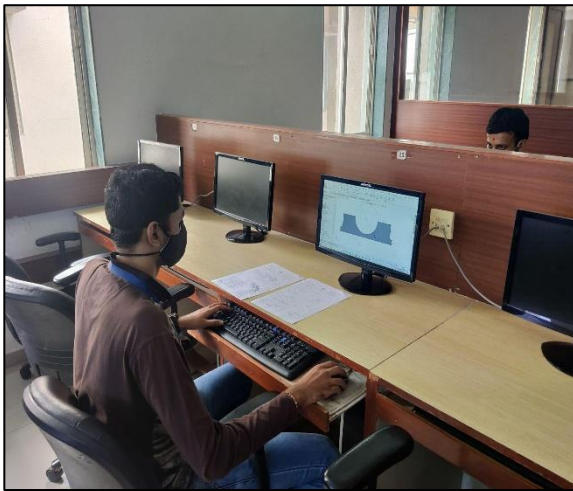
Participants making an Assembly Drawing
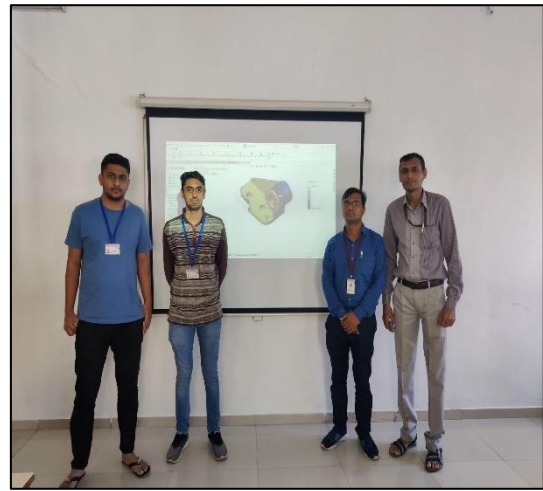
Co-ordinators with the Winner of the Competition

5. Six days online Joint GTU-AICTE Sponsored STTP on Role of Libraries and Librarians in Pandemic Era

Resource Centre and GIT-IQAC of Gandhinagar Institute of Technology, Gandhinagar organized Online six days Short Term Training Programme, sponsored by GTU and AICTE, New Delhi on **"Role of Libraries and Librarians in Pandemic Era"** from 21st to 26th Feb. 2022. More than 100 participants from 60+ institutes registered across Gujarat. Online session on National Education Policy 2020 was also part of this STTP. The main objective of this training programme was to provide the participants an ability to understand the profession as well as to improve their skill set as per the tough conditions and to serve the information. A library is a necessity for any community, region, country or the entire world.

Renowned identity from IITs, IIMs, MICA and other academics and industries across India spared their valuable time and imparted the knowledge. After attending the STTP, participants got to know that Library services need to be provided to users regardless of location, programme or mode of study.
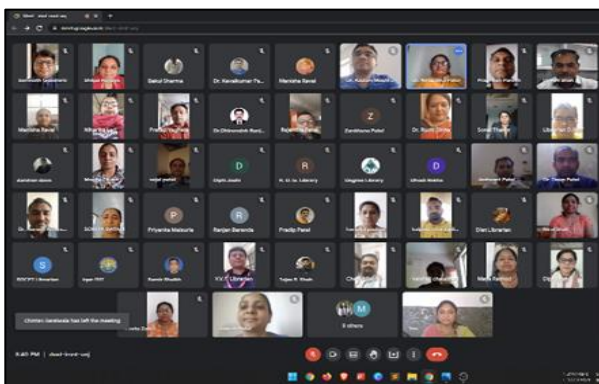
Participants in STTP
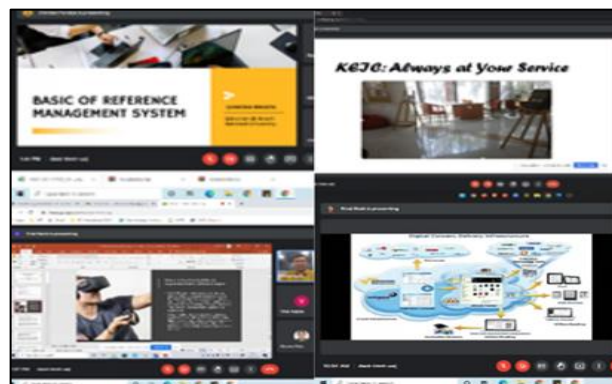
Topics covered in STTP

Ms. Bhakti Gala presenting on Research Trends in LIS

Mr. Chintan Pandya presenting on Reference Management Systems

6. An expert Talk on Essential Skills required for Civil Engineer"

Gandhinagar Institute of Technology organized an Expert talk on **"Essential Skills required for Civil Engineer"** on 5th March 2022 for 4th, 6th & 8th Semester Civil engineering students. An Expert talk was organized by GIT-IQAC and Civil Engineering Department under the guidance of Dr. H N Shah, Director, GIT. 70 students and faculty members from the Civil Department attended the seminar. It was conducted by Mr Kaushal Shah (Junior Engineer (Civil), GETCO). He discussed technical skills such as Surveying, Bar Bending Schedule and Construction Project Management and soft skills such as Estimation, Project Billing and Quantity.

Prof. Pooja Patanwal addressing the Audience

Discussion regarding Different Skills

Explanation of Different Methods

Group Photograph

7. Two Days Seminar on Recent Advance Trends in Geotechnical Engineering

Gandhinagar Institute of Technology, Civil Engineering Department, IQAC GIT organized a Two-Day State Level Webinar on **"Recent advanced trends in geotechnical engineering"** under the guidance of Dr H N Shah, Director, GIT on April 11th -12th, 2022 through Google Meet for Civil Engineering Students, Faculties and Geotechnical Engineers. 55 students and faculty members attended the webinar. Recent trends like Sustainable geotechnical practices, Geodynamics, Grouting Technology, Laterally Loaded Pile Foundation & Geothermal Energy were discussed by Dr. Vemula Anand Reddy, Dr. Mohit Mistry, Dr. Kannan Iyer, Dr. N. H. Joshi, Prof. Paresh Umredkar, Prof. Jignesh Vaniya.
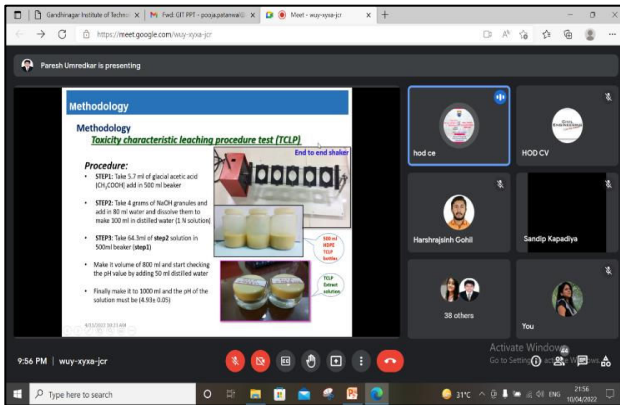
Dr. Vemula Anand Reddy discussing about Chemical Test – TCLP
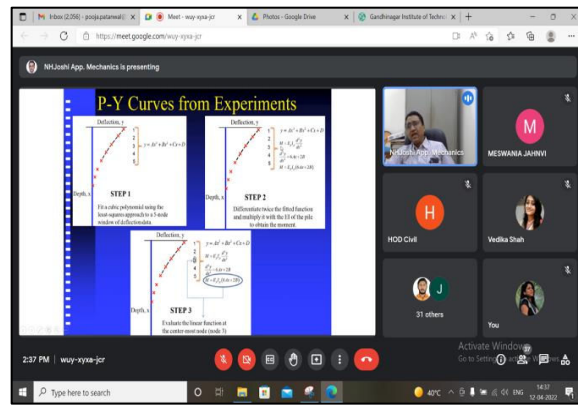
Dr. N.H Joshi explaining the P-Y Curve for Laterally Loaded Piles
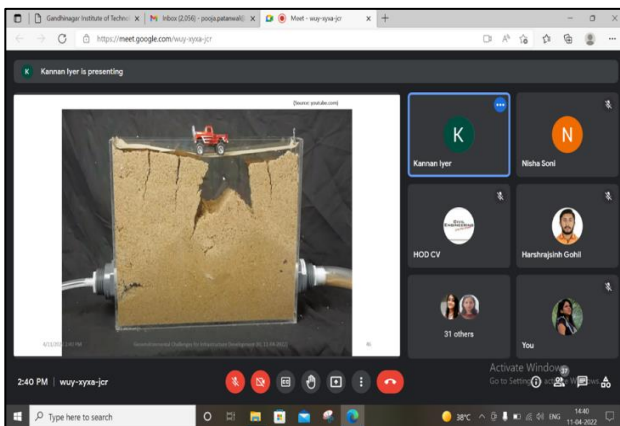
Dr. Kanan Iyer explaining Liquefaction of Soil with Video Reference
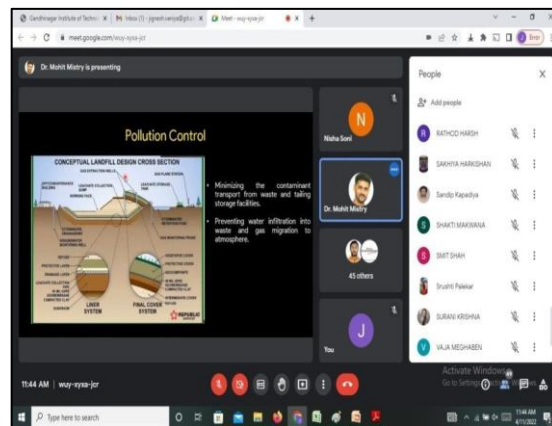
Pollution Control by the Geosynthetic Materials
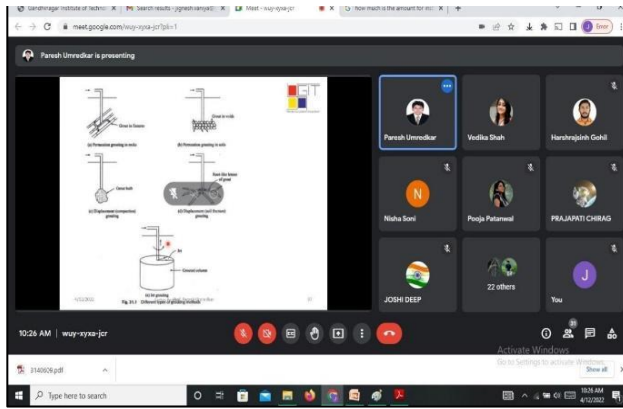
Prof. Paresh Umredkar describing Various Grouting Methods to the Participants

Prof. Jignesh Vaniya discussing on Completed Energy Pile Projects

8. Seminar on Forex Exposure and Managing Risk

The GIT IQAC Cell and MBA Department, have organized a seminar on **"Forex exposure and managing risk"** on 31st March 2022 to guide the students regarding the basics of Foreign Exchange Management, Elements of Forex Market and showcase their significance in the real world. Because of the global uncertainties, the market is highly volatile day by day, understanding the basics of Forex management gaining the higher importance to understand the world market fluctuations.

The seminar was attended by 20 students of 2nd Semester MBA Department. The session was interactive, and Dr. Devendra H Lodha demonstrated numerous realistic examples of the Forex market and talked over the basics of fluctuations in the market. The program ended successfully with co-operation and coordination of Trustees, Director Sir, Head of the Departments, IQAC Faculty Members, Faculties and Students' Participants.

Seminar on Forex Exposure and Managing Risk

9. Seminar on Assessment of Service Quality towards Online Organized Retailers

The GIT IQAC Cell and MBA department, have organized a seminar on **"Assessment of service quality towards online organized retailers" on** 19th April 2022 to guide the students regarding the basics of service, service quality dimensions, SERVQUAL model, E Service quality measurement and showing them its importance with respect to various online retailers. This seminar focuses on how the service quality was measured for online retailers. Dr. Virendra Chavda, Associate Professor, MBA Department, conducted this seminar on assessment of service quality.

The seminar was attended by 33 students of 2nd Semester MBA Department. The session was interactive and Dr. Virendra Chavda discussed service quality of online organized retailers and answered various queries of students regarding various concepts of service quality and its measurements. The program ended successfully with co-operation and coordination of Trustees, Director Sir, Head of the Departments, IQAC Faculty Members, Faculties and Students' Participants.

Dr Virendra Chavda, explaining about the Seminar

10. An expert talk on Crowded Cafes Empty Libraries

Resource Centre and GIT-IQAC of GIT, organized an expert talk on "**Crowded Cafes Empty Libraries"** on 22nd April 2022, to celebrate World Book Day to cultivate the habit of reading among the youth, to encourage literacy development and foster a lifelong love of reading. Total 48 students and 54 staff members have participated in this talk. This programme helped the students to inculcate the habit of reading, and to acknowledge optimism, challenges, positivity, strength, dedication, and hard work through a very fruitful interaction.

Participants attending the Talk

Mr. Amrut Deshmukh with his Book

11. One day Online workshop on Internet of things

Electronics and Communication & Electrical Engineering Department in coordination with GITIQAC Cell of GIT organized "One day Online workshop on Internet of things' ' on 5th Feb 2022 to enhance the caliber of students for a recent requirement in the field of IOT. The event has been divided into two sessions. The first session is about the introduction of the Internet of things. The second session is about Implementation of Internet of things with demonstration where we have demonstrated the remote of devices with help of blynk application.
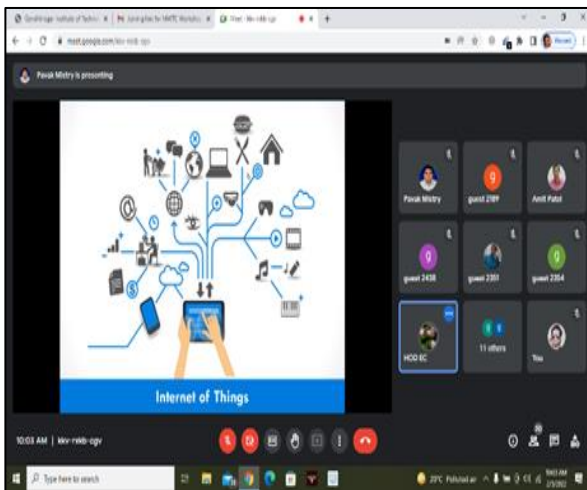
Prof. Hardik Bhatt has given the Basic Introduction to the Topic
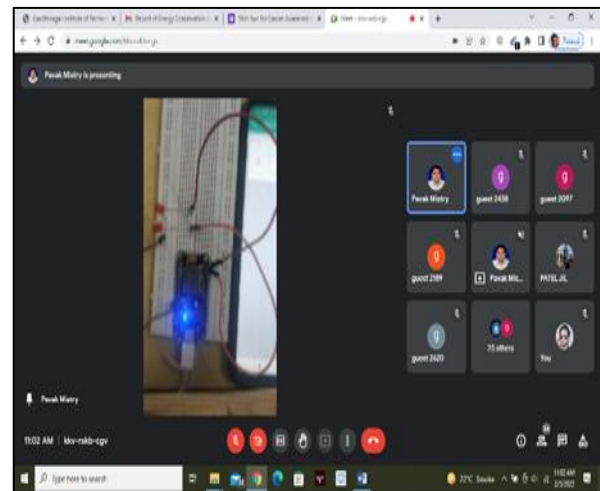
Prof. Pavak Mistry Demostrating the Remote Operatio of LED.

12. One Day 3D Printing Workshop

3D Printing workshop was organized by the Mechanical Engineering Department and GIT-IQAC Cell of GIT on 2nd Dec. 2022. The goal of the workshop was to enhance the caliber of students for a recent requirement in the field of Manufacturing Process. The event has been divided into three expert sessions. The first session is about the introduction of different additive manufacturing processes and introduction of 3D Printer. The second session is about solid work CAD tools in which how to operate different part modeling commands to make 3D parts as per requirement. The third session is about practical 3D Printers to make different mechanical parts or articles like key chains and understand how to operate machines.
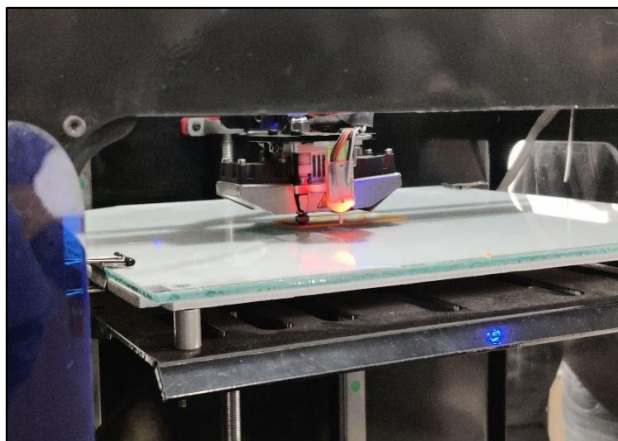
Hands on Experience of 3D Printing

13.ROBO Making Workshop

The Mechanical engineering department and IQAC cell of GIT have organized a Robo-Making workshop on 1st September 2021.The workshop started at 9:30 AM with the introductory speech of Prof. Amit Patel on the requirement of such knowledge to

strengthen India in the seminar hall of GIT. Then, Prof Jatin Patel delivered a presentation regarding basic wired and wireless robots. In session 2, how to assemble the kit and wiring have been taught to the students. Total 8 groups of 3 to 4 students have been formed for the easy conduction of hands-on experience. In the end, small Robo race competitions have been planned to make people aware about the control of robots.

A small Robo Race competition to understand the control of robot

Final assembly by all the teams

Students soldering components

Prof. Jatin Patel explaining about detail wired robot

Group Photo

SSIP overview:

The Government of Gujarat has provided the SSIP Grant (Student start-up Innovation Policy) to Gandhinagar Institute of Technology since July 2018. The aim of the SSIP is to create and nurture the Start-up Ecosystem for the students. The culture of Start-up & innovation is promoted among the students by giving them a platform to showcase their innovative ideas. GIT has taken initiative to provide financial and mentorship support to innovative ideas of students at POC, prototyping and IPR level under the SSIP.

Events under SSIP:

There are thirty-two events, organized by SSIP in the last one year by the permission of Dr H N Shah, Director of the Institute. The details of various events and workshops organized by SSIP are as follows:

Sr No	Name of event/workshop	Date	No of Participants
1	Problem Solving and Ideation	20.08.2021	21
2	75 Azadi ka Amrut Mahotsav Patentability Evaluation	21.09.2021 to 23.09.2021	63
3	75 Azadi ka Amrut Mahotsav SSIP Project Review	23.09.2021	94
4	A Start-up Talk with Mr Maurya Bhatt	14.10.2021	35
5	SSIP 1.0 Vs SSIP 2.0	13.01.2022	65
6	Business Model Canvas (BMC)	31.01.2022	38
7	How to Plan for Start-up and Legal & Ethical Steps	08.02.2022	25
Total Participants			**341**

1. Problem Solving and Ideation

The objective of the session was to share the information regarding the methodology to derive the unique problem solution. The silent objective was to educate them about the need for innovation in the current situation. Prof Mrugesh Khatri has initiated the session by defining the term Innovation. He explained that innovation means developing a new idea in collaboration with the team members, identifying the needs of customers. He further added that sincere observation always helps in identifying the problems in the society. The various tools to derive innovation like SCAMPER, Brainstorming, Mind Mapping etc were introduced by him. Prof Sejal Bhavsar briefed participants about IIC and its benefits. Prof Jyotin Kateshia introduced the IPR cell with the introduction to Design Patent. He added that the patents provide ownership to the innovators which

later can be commercialized. He has further discussed the benefits of obtaining IP rights on the innovation. The event was a grand success under the enlightenment of Trustees, Dr H N Shah, Director of the institute and the participants.
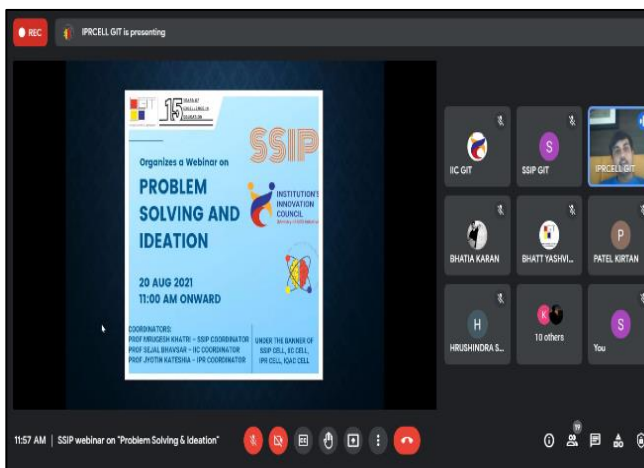
The Webinar initiated with Banner
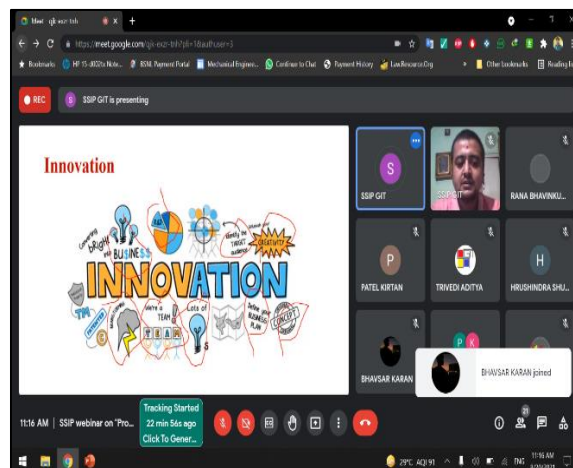
Prof Mrugesh Khatri elaborating Term "Innovation"
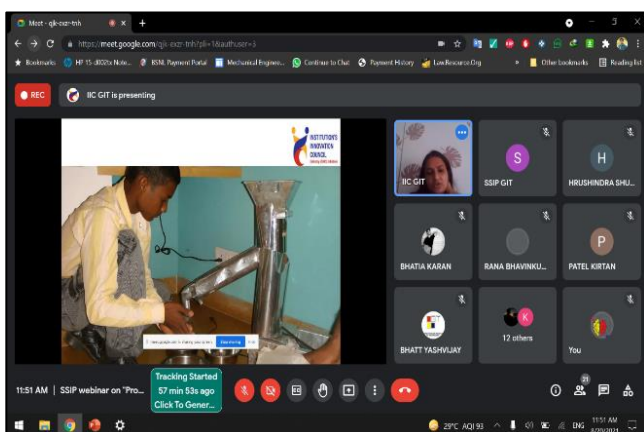
Prof Sejal Bhavsar discussing Case Study
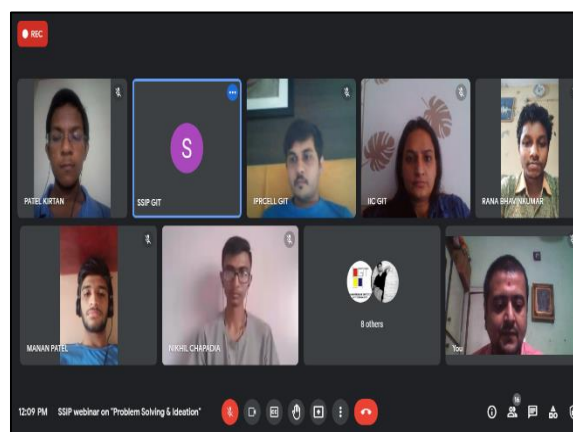
A Group Photo

2. 75 Azadi ka Amrut Mahotsav Patentability Evaluation

Patentability Evaluation was organized by Prof Mrugesh Khatri, SSIP Coordinator and Prof Jyotin Kateshia, IPR Coordinator of GIT from 21st September to 23rd September 2021 for the celebration of Azadi ka Amrit Mahotsav to commemorate 75 years of India's Independence on the above said subject. The student project was evaluated by the committee for the novelty, nonobviousNess and industrial application of the project. The engineering students from the different branches have participated and understood the procedure of the patentability. Topics like What is Patent, Patent Filing Procedure, Commercialization of Patent, and Introduction to different form of Intellectual Properties are covered during the session. The detailed discussion regarding the potential of the

project for patent filing was carried out with patent attorney Dr Anish Gandhi. The suggestions and comments were given by him for taking forward the applications for IP filling. The event was a grand success under the enlightenment of Trustees, Dr H N Shah, Director of the institute and the participants.
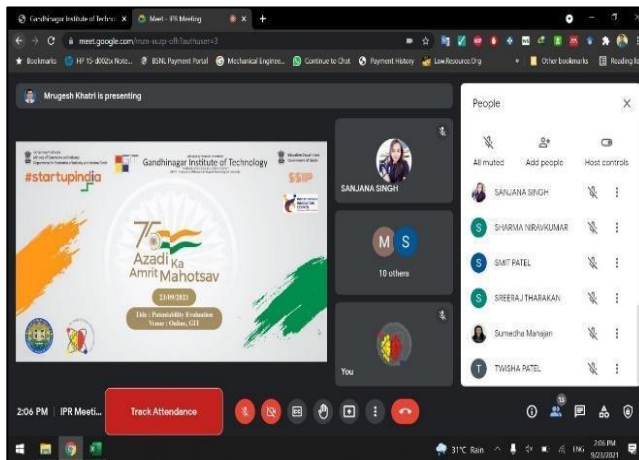
Event started with Introduction to SSIP
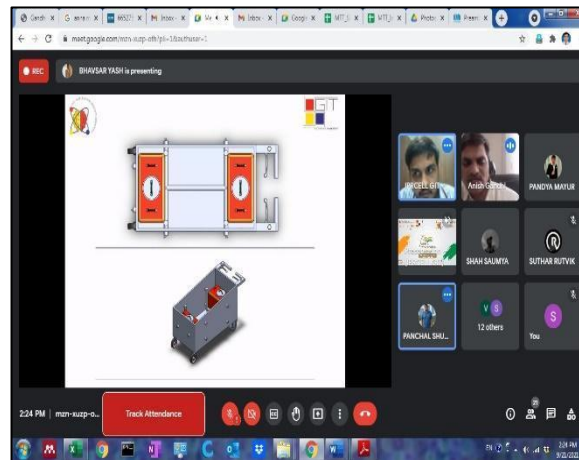
Interaction between Expert Dr Anish Gandhi and Student Group
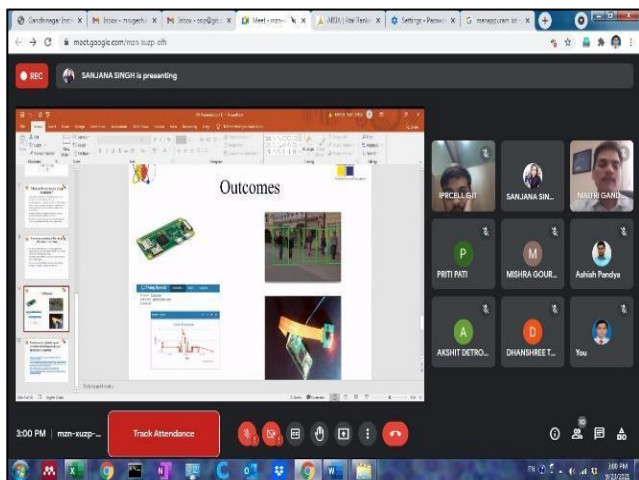
Dr Anish Gandhi giving Feedback
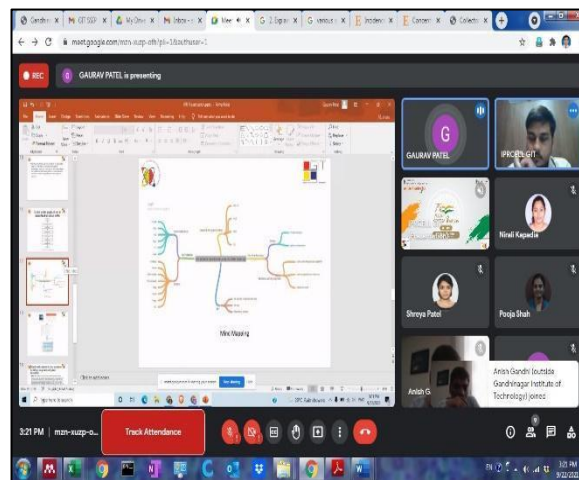
Student Group presenting Their Idea

3. 75 Azadi ka Amrut Mahotsav SSIP Project Review

Under the banner of "Azadi Ka Amrut Mahotsav" the SSIP project review was held on 23rd September 2021. The internal evaluation of all the teams had already been done at the department level. The best teams were nominated by each department for the external review in-front of GIT SSIP Institute level committee. The industry expert Mr Hetal Shah, Dr Archit Somani and academic expert Dr Bhavik Suthar have reviewed student projects. The event was a grand success under the enlightenment of Trustees, Dr H N Shah, Director of the institute and the participants.
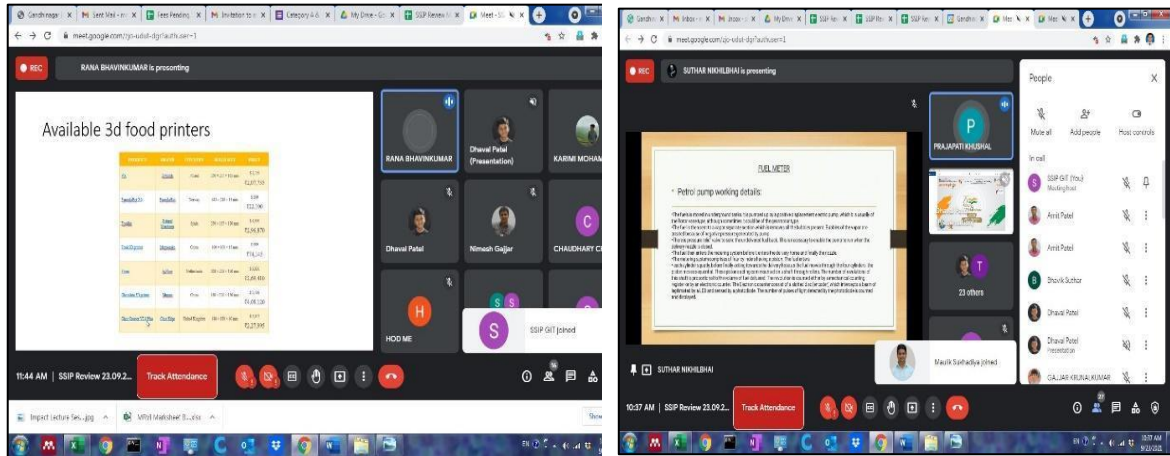
Student presenting Their Ideas

4. A Start-up Talk with Mr Maurya Bhatt

"Student Innovation & Startup Day" was celebrated on 14th October 2021 on the birth anniversary of former President of India Dr. A P J Abdul Kalam. "A Startup Talk 2021" was organized by SSIP, IPR, IIC & IQAC Cell. A Startup Founder of "Booxwoox", Mr Maurya Bhatt shared his journey of launching his start-up. Prof Mrugesh Khatri has initiated the session by introducing Mr Maurya Bhatt, a start-up founder of "Booxwoox". The Booxwoox allows all individual and institution to share the books on rent basis. He added that this initiative creates a culture of reading among the youth. Mr Maurya Bhatt informed that the design thinking and passion to work on the idea is very essential for a start-up founder. He explained about the stepwise procedure to share the book on his application. The event was a grand success under the enlightenment of Trustees, Dr H N Shah, Director of the institute and the participants.

Mr Maurya Bhatt initiated the Session

The Participants are interacting with Mr Maurya Bhatt

Participants following Instructions for downloading Booxwoox Application

The Information sharing is going on by Startup Founder Mr Maurya Bhatt

5. SSIP 1.0 Vs SSIP 2.0

The session was started with a virtual message by Hon. Principal Secretary, Education Department Mr S J Haider. He mentioned achievements of SSIP 1.0 and gave the information about SSIP 2.0 that Overall Financial Support in 5 Years is 500 cr. Prof Mrugesh Khatri mentioned about Eligibility to receive SSIP 2.0 Grant (For Individual Beneficiaries) Any person up to the age of 35 years, a school student of Foundational / Preparatory / Middle / Secondary level (Up to Class 12) a Diploma / Vocational / Undergraduate / Postgraduate / Doctoral student or an alumna / alumnus, any dropout from School / Institute / University is eligible for grant. The innovation of the beneficiary should contribute towards either the development or improvement of any product or process or service in existing or new fields; or should be a scalable business model with a potential to generate employment or wealth creation.

Mr S J Haider (IAS) Initiated the Session
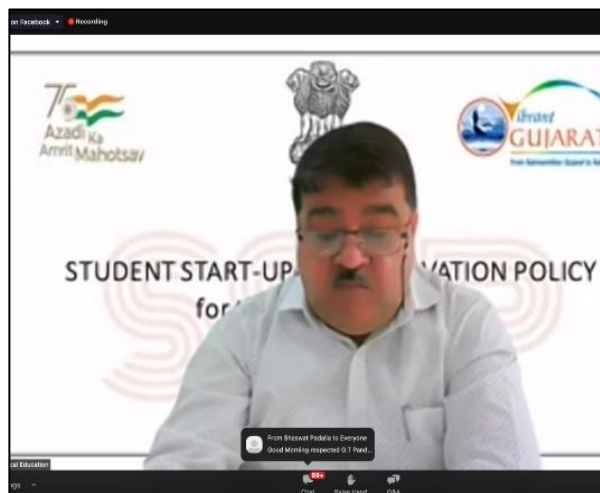
Technical Director of Technical Education addressing Participant

6. Business Model Canvas (BMC)

Student Start-up and Innovation Policy (SSIP) has arranged a webinar on **"Business Model Canvas"** on 31st Jan 2022. Dr Umesh Shrivastava, faculty EDII, has explained the working of canvas and various key factors which need to be defined carefully for any start-up. He has given the example of REVA Electric Car which failed 8 years ago due to the time factor of market conditions. During the session, experts have explained nine pillars of the business model canvas which plays a very important role to succeed any start-up: Key Partner, Key Activities, Key Resources, Value Proposition, Customer Relationship, Channels, Customer Segments, Cost Structure, Revenue Streams. The event was a grand success under the enlightenment of Trustees, Dr H N Shah, Director of the institute and the participants.
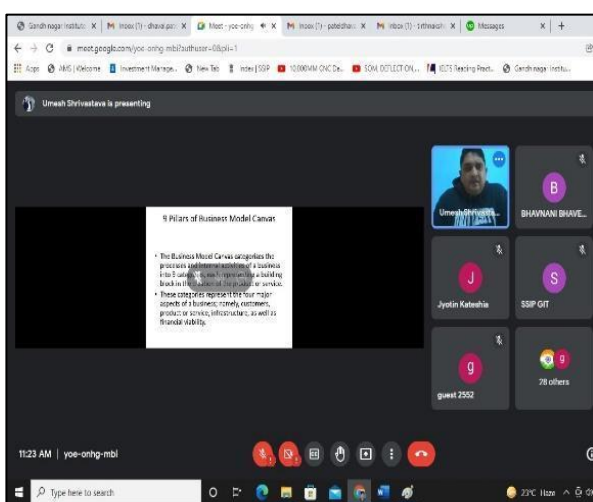
Nine Pillars of Business Model Canvas   Dr. Umesh Shrivastava has initiated the session
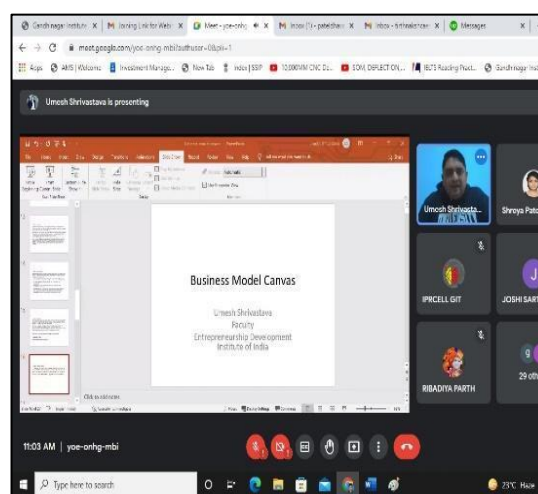
7. How to Plan for Start-up and Legal and Ethical Steps

The seminar on **"How to Plan for Start-up and Legal & Ethical Steps"** was organized on 8th February 2022 by GIT SSIP cell. Prof Mrugesh Khatri has initiated the session with the definition of start-up. He added that the current competitive market needs technological advancements in the current product to sustain in the market. The disruptions are essential in making human life easier. Prof Jyotin Kateshia informed about the importance of intellectual property rights in engineering. He initiated a session with different IP rights in India and discussed patent, copyright, trademark, geographic Indication, design, and integrated circuit patent. He stated that patents must contain novelty, innovation, and industrial application. He also showed various case studies over the patent. The event was a grand success under the enlightenment of Trustees, Dr H N Shah, Director of the institute and the participants.

Prof Jyotin Kateshia sharing information about Different Types of Patents

Prof Mrugesh Khatri sharing Information about SSIP

SSIP Financial Support:

The project review for the final and pre final year students was scheduled from 23rd September 2021 through online mode. 46 teams had been shortlisted for the final round of SSIP External Review. The student ideas were evaluated by industry experts Dr Archit Somani and Dr Bhavik Suthar. The financial support of ₹ 595320/- was sanctioned to following teams as per their requirements.

Details of the Team:

Sr.No.	Team Members	Enrollment	Project Title	Costing (Rs)
1	Joshi Vedangi	190120107059	Mommy Care	78200
	Bhagat Nitant	190120107014		
	Panchal Yash	190120107083		
	Darji Yashvi	190120107027		
2	Dhyani Desai	190120107032	Real-Time Human Counting and Mask Detection	35000
	Jeelkumar Gondaliya	190120107051		
	Hemlata Makwana	190120107069		
3	Patel Vidhi	200120107536	Neurosky	15500
	Bundela Tulsi	200120107549		
	Shah Shreyansh	200120107558		
	Ahuja Heena	200120107564		
4	Vasu Bhimani	190120107018	Hi-Get	50000
	Tarshika Dholariya	190120107039		
	Debasish Borah	190120107020		
	Nikhil Chapadia	190120107023		
5	Ritul Lunagaria	190120107067	A2Z Kisan Needs Web Service	32000
	Tarun Maheshwari	190120107068		

	Madhur Purohit	190120107119		
	Parth Ribadiya	190120107134		
6	Nirgranth Mehta	200120107181	Smart Wagon and Asset Prediction (Swaap)	27000
	Pranjal	200120111017		
	Siddh Engineer	200120107174		
7	Agrawal Nikhil	200120116501	E-Towing	1800
	Gajjar Abhi	200120116526		
	Dave Akshat	200120116518		
	Navneetsingh Kshatriya	200160116503		
8	Upadhyay Aum	200120116534	Placement Management System	20000
	Suthar Nandita	200120116505		
	Karan Bhatia	190120116007	Home AR System	150000
9	Barot Ishita	190120116005	Online Voting System	26000
	Rachalla Jeet	190120116093		
	Shah Akshita	190120116101		
	Dave Nehanshu	190120116015		
10	Shrivastava Manthan	190120116109	Collegium	5000
	Aimee Mohan	190120116001		
	Patel Premkumar	190120116076		
	Mudaliar Mahisha	190120116045		
11	Panchal Jaiminkumar	200120119501	Hybrid Modified Automatic Lawn Cutter	20000
	Suthar Rutikkumar	200120119504		
	Panchal Yash	200120119525		
12	Prajapati Khushal	200120119511	Fuel Meter	10000
	Tavre Dhruv	200120119543		
	Suthar Nikhil	200120119539		
	Panchal Veer	200120119507		
13	Darshan Jagdishkumar	200120119548	Automatic Self Folding Dining Table with Voice Activated	62600
	Varun Desai	190120119051		
	Jil Pandya	200120119517		
	Udubha Zala	200120119523		
14	Vatsal Pansuriya	200120119001	Efficiency Enhancement of an Electric Bike Using Self Power Producing Sources	20000
	Milan Hirpara	200120119010		
	Panth Sukhadiya	200120119013		
	Karan Modi	200120119007		
15	Rana Bhavinkumar	200120119502	Food 3d Printer	50000
	Shah Jeel	200120119528		
	Karimi Mohmd Bilal	190120119005		
16	Gajjar Krunal	190120109003	Optimum Design of Single-Phase Induction Motor	19220

INTELLECTUAL PROPERTY RIGHTS CELL

The GIT IPR cell was established in December 2019. In addition, GIT has established IPR Cell in collaboration with GUJCOST and signed an MOU in December 2020. The GIT IPR Cell is working with following objectives:

- To inspire creative and innovative research which has industrial value. To assist faculty members, staff, and students of GIT in evaluating the patentability and commercial potential of their inventions.
- To train faculty members, staff, and students about provisional patent filing procedures in India as well as the procedure for filing the Applications.
- To conduct patent workshops to motivate researchers to convert thought into industrial products.

1.   Patent Awareness Program

GIT organized an IP Awareness Program for Engineering Students on 6th September 2021, under the banner of IPR Cell, SSIP Cell, IIC Cell, and IQAC Cell. The major focus of this webinar is on the different types of IP Rights, the innovation presentation methodology, and patent benefits for students. The Patent awareness webinar was hosted and inaugurated by Prof. Jyotin Kateshia, IPR Cell coordinator. He initiated the session with the importance of the intangible properties. He discussed various property laws like patent, copyright, design patent, and GI. Prof Jyotin also gave real time examples to participants and motivated participants to file the patent. Thus, the webinar covered 360-degree knowledge regarding patent understanding to drafting to filing. Last session was conducted by Prof Mrugesh Khatri and Prof Jyotin Kateshia, where Prof Khatri discussed the working methodology of SSIP and SSIP Guidelines.
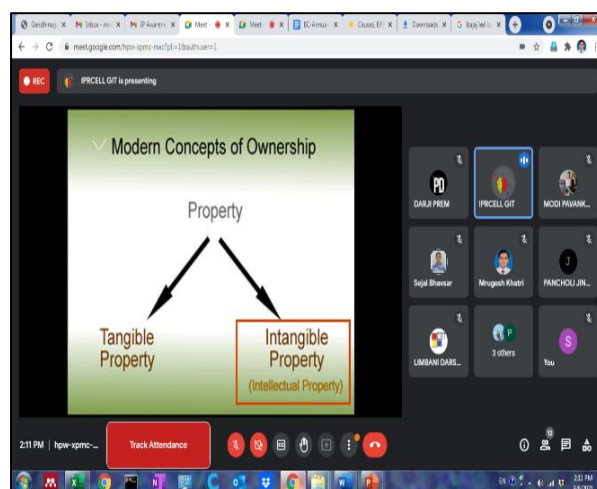
| Paradigm Shift | Concepts of Ownership |
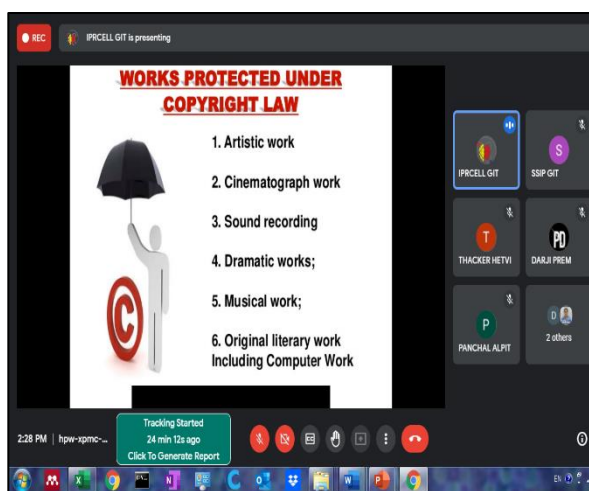
CopyRight Law

Intellectual Property Rights

2. Intellectual Property in Academia

Gandhinagar Institute of Technology organized GUJCOST and DST national level webinar on "Intellectual Property in Academia" on 21st October 2021. The objective of the webinar was aimed towards engaging students, academicians, industry professionals, and practitioners in a discussion on the patents drafting, filing, and protection regime. The webinar was attended by Professors, Associate Professors, Assistant professors, Researchers, Engineering students from 37 institutions and universities across India.

In the inauguration of the webinar, Dr H N Shah, Patron of the webinar, Dr Devang Joshi, Registrar, Charusat university and participants from 37 institutions and university were present. The introduction about the webinar was given by Prof Jyotin Kateshia, IPR Cell Coordinator. He mentioned the need of IPR in academia and stated the objectives of the webinar. Dr H N shah sir discussed the patent scenario in India and discussed "Importance of the patent in the field of engineering." The guest of honor, Dr Devang Joshi, Registrar, Charusat University, mentioned the importance of honesty in the field of academia. He also stated various innovation approaches to enhance the engineering innovation. He gave different practical examples based on different patents in software, laser surgery and bio-tech engineering. The inaugural session concluding remarks were given by Prof. Sejal Bhavsar who informed about the activities performed by the IIC cell, IPR cell, SSIP cell and IQAC cell. The first session of the webinar "Intellectual Property in Academia" was addressed by Dr Nithin K S, Assistant Professor and Coordinator, Centre for Research and Development, Department of Chemistry, NIE, Mysuru. He discussed Intellectual Property, Types of IP and role of higher engineering in innovation. He shared knowledge about innovation, IP policy and how to collaborate R & D activities at institute level.

The second session was taken by Mr Pankaj Borkar, Dy Controller of Patents & Designs, Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur. He informed that Patent is a statutory right for an invention granted for a limited period to the patentee by the Government, in exchange of full disclosure of his invention for excluding others, from making, using, selling, importing the patented product or process for producing that product for those purposes without his consent.

The last session was conducted by Mr. Vijay Kumar Makyam, Director, I-WIN IP Services, Hyderabad. Initially he described the rights to academicians for their intellectual creations. He also mentioned section 3 and section 4 of patent in which the exclusion of patents was discussed. At last, he stated about the computer related inventions and mentioned about the protections for the algorithm and software were discussed. He also included various case studies related to computer related inventions.
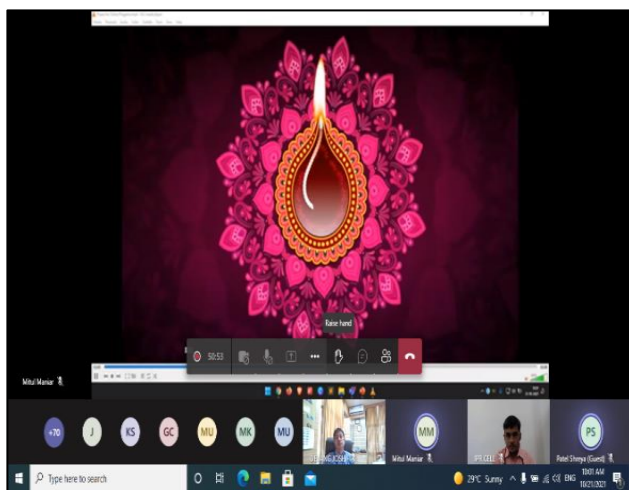
Inauguration Session
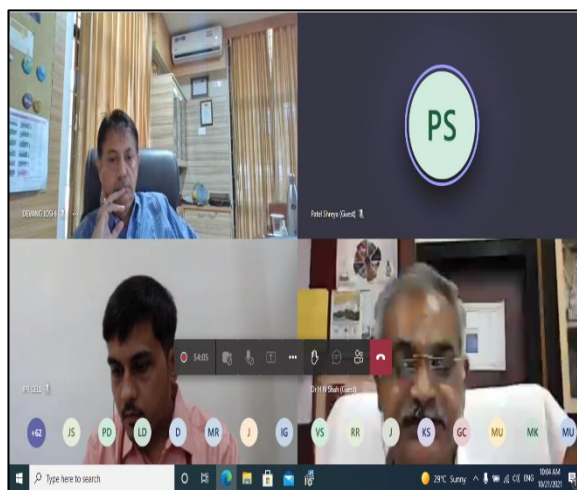
Prayer
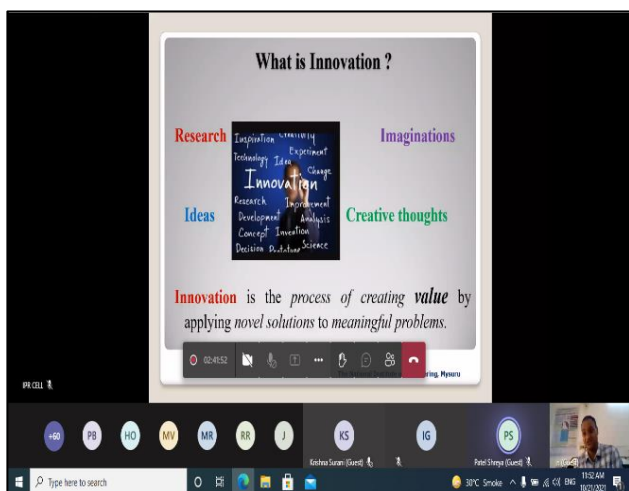
Dr Nithin K S Session 1
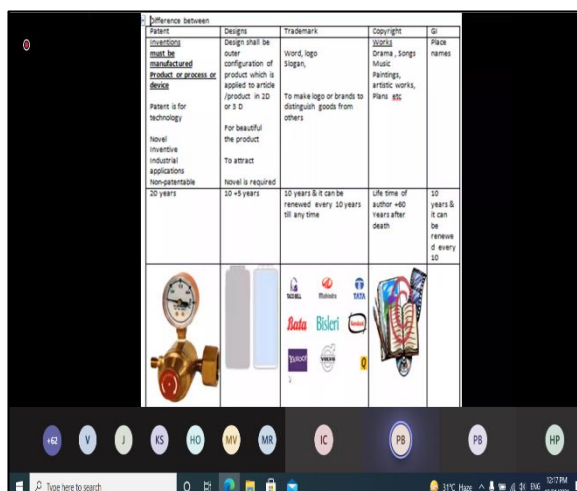
Mr Pankaj Borkar Session 2
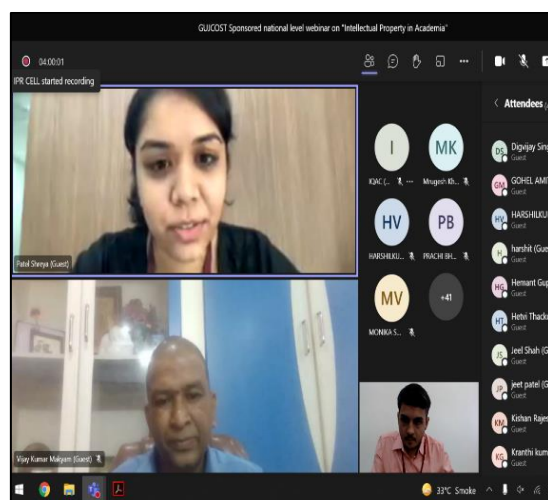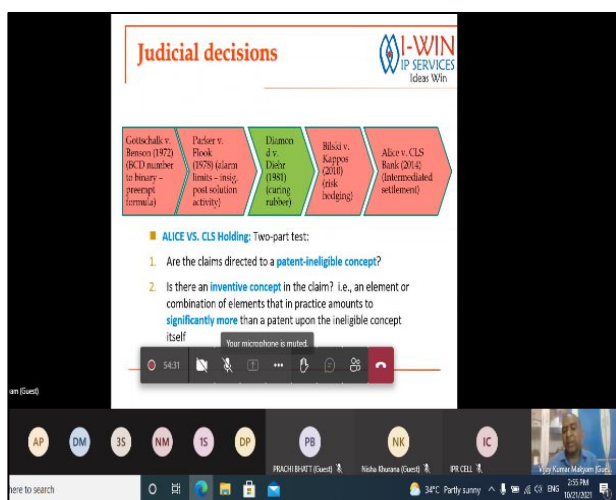
Mr Vijay Makkyam Session 3

3. Intellectual Property Awareness Webinar

The seminar on "Intellectual Property Awareness Webinar" was organized on 15th March 2022 at Gandhinagar Institute of Technology by IPR Cell. The session was organized for the students of Bachelor of Engineering, Master of Engineering and Master of Business Administration with the permission of Dr H N Shah, Director. The seminar was organized to provide exposure innovation, IPR in which 52 participants were there. The session started at 10:55 a.m through Microsoft Team. Prof. Shreya Patel welcomed Mr. Arpit Jain (Examiner of Patent and Design Patent Officer). Mr. Arpit Jain has initiated the session with the definition of IPR. He added the information regarding legal rights which result from intellectual activity in the sector of Industrial, Scientific, Literary and Artistic fields. The disruptions are essential in protecting the innovative ideas. The activities of the government under IPR were shared with the students. The participants were informed how they can leverage maximum benefit of the IPR. In the later part of the presentation, he informed about the importance of intellectual property rights and Copyrights and Related Rights. He initiated a session with different IP rights in India and discussed patent, copyright, trademark, geographic Indication, design, and integrated circuit patent. He stated that patents must contain novelty, innovation, and industrial application. He also showed various case studies over the patent. He concluded his session by stating the condition in which patents get granted and career opportunity. The event was a grand success under the enlightenment of Dr H N Shah, Director of the institute and the participants.
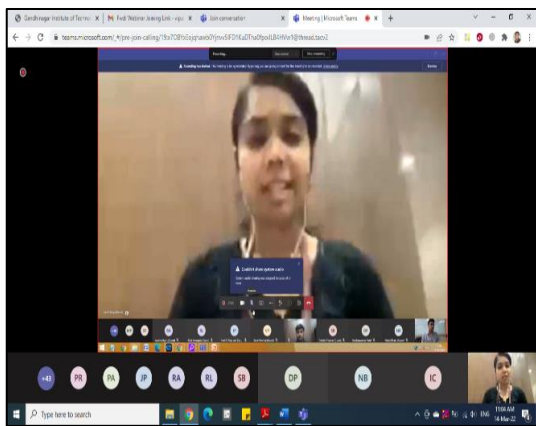
Inauguration of the webinar
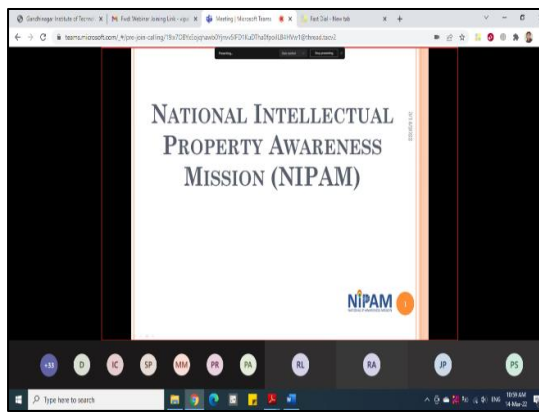
Prof Shreya Patel welcoming Mr. Arpit Jain
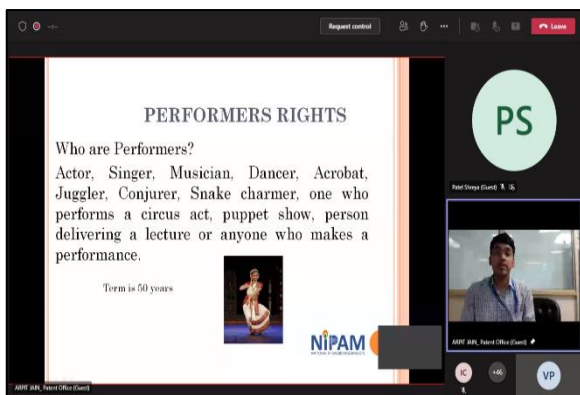
Mr Arpit Jain sharing the information
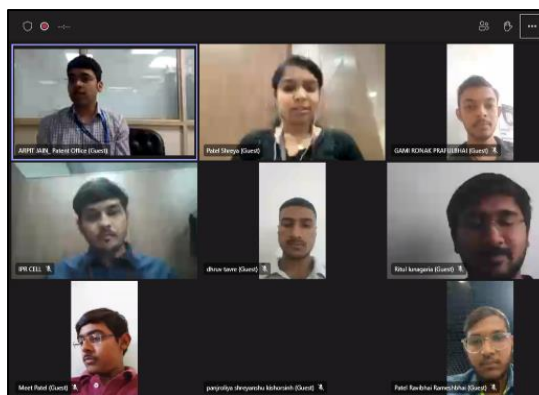
Participants present in IPR webinar

4. Intellectual Property Rights for Start-up Enthusiasts

A seminar on "Intellectual Property Rights for Start-up Enthusiasts" was organized on 27th April 2022 in collaboration with NIPAM and KAPILA to celebrate World IP Day. Session was taken by Mr. D. A. Nayak, Assistant Controller of patents and designs, Indian patent office, Mumbai. Faculty members and students of all branches of engineering registered for the seminar. Total 221 Faculty members and Students of all branches of GIT have participated in this Seminar. The session was started with problems faced by India for registration of various IPR. The speaker has given brief explanation of various types of IPR with various examples of individuals. He has given the example of a famous inventor named "George Alfred DePenning", a Civil Engineer, of Calcutta Petitioned the Government of India for grant of Privileges for this invention "An Efficient Punkah Pulling Machine". Additionally, he has given the example of different IPs in a single product like Patent for LED display, Design for body of laptop, Trademark for Apple Sign, Copyright for User Manual and SICL design for layout of IC. In the middle of the seminar, the speaker explained each IP in a detailed form. He has given the names of famous Indian Inventions like Nano Car, Hepatitis Vaccine and Jaipur foot for patents and examples of various designs of bottles, toys, pens, and watches for Designs. Then

after the detailed discussion about Trademarks was started with its definitions and various advantages provided by it to customers. Various examples of Trademarks are Google, McDonalds, Coca-Cola, Adidas and Naukari.com. In addition, how to protect your Trademark are also discussed. Then after Criteria for work to be Copyright like Creativity, Originality and Fixation is discussed. Various electronic Gadgets, Computers etc. are protected by Semiconductor Integrated Circuit Layout Designs (SICLD). The main office is in Delhi where applications on layout designs of IC are filed. The Products which have specific geographical area are identified by Geographical Indication (GI) like Darjeeling Tea, Makrana Marble, Kancheepuram silk, Ratlami Sev, Coorg Oranges etc. At the end of the program, he explained the validity period of various IPR, various points which are remembered and Career Opportunities in Government sector as well as private sector also. The event was a grand success under the enlightenment of Dr H N Shah, Director of the institute and the participants.

Session of Mr. D. A. Nayak

Participants listening and interacting with Expert

IIC overview:

Ministry of Education (MoE) has established MIC to foster the culture of Innovation among all Higher Education Institutions. The primary directive of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. MIC has proposed encouraging creation of 'Institution's Innovation Council (IICs) across selected HEIs. MIC has selected our institute for IIC activities for the students. The main objectives of IIC are to develop better cognitive ability among the students, create a vibrant local innovation ecosystem, provide start-up supporting mechanisms in the institute, to establish a functional ecosystem for scouting ideas and pre-incubation of ideas. Prof. Hetal Shah, IIC Coordinator in collaboration with SSIP Cell, IPR Cell and IQAC Cell and under the guidance of Dr H N Shah, Director of the Institute have organized following events during the AY 2021-22.

1. Impact lecture sessions – Day 1 and Day-2 Sponsored by MIC

GIT IIC Cell in collaboration with SSIP Cell, IPR Cell and IQAC Cell organized Impact lecture sessions on 24th September 2021 and 5th October 2021. The event was sponsored by MIC. The sessions were conducted on an online platform using Microsoft Team.

Day-1 of the session consisted of webinars on 1. Innovation and Design Thinking and 2. IPR. More than 200 students and faculties enthusiastically participated in the event.
Mr. Karmjitsinh Bihola, Founder- Innodesk Designovation Services conducted the talk on Innovation and Design Thinking. The talk contained many live examples to explain to the students, importance of innovation in entrepreneurship. Innovation is the instrument of entrepreneurs with the help of which an individual exploits the changes as a chance for a different business. And it is very well depicted that an Innovative Entrepreneur is one who can tackle and produce innovative products to meet the market's demands and trends. Below are the some of the pictures of the session:

Mr. Amit Patel, Managing Director PATectual IP Law Services LLP conducted the talk on Intellectual Property Rights. It was an interesting session, as the students took interest in understanding IPR and copyright facts. There was a detailed discussion on the Indian patent procedure, and the expert also mentioned PCT procedure. Students came to know that Intellectual Property Rights (IPRs) are legal rights that protect creations and/or inventions resulting from intellectual activity in the industrial, scientific, literary, or
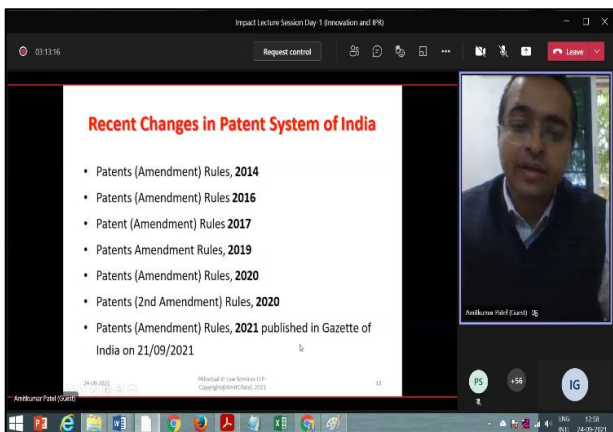
artistic fields and the most common IPRs include patents, copyrights, marks, and trade secrets.
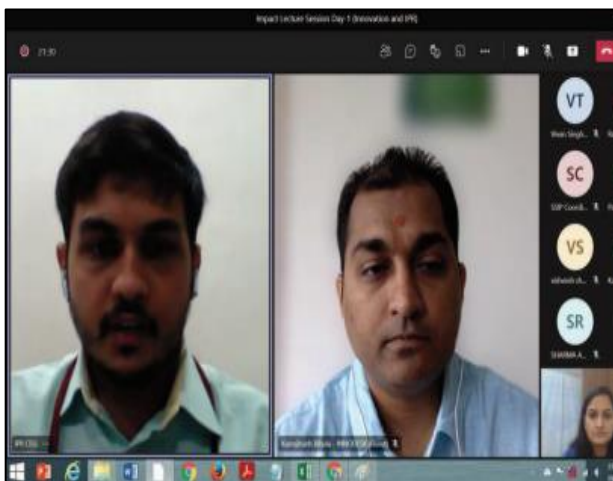
Session Initiated with Welcome Speech
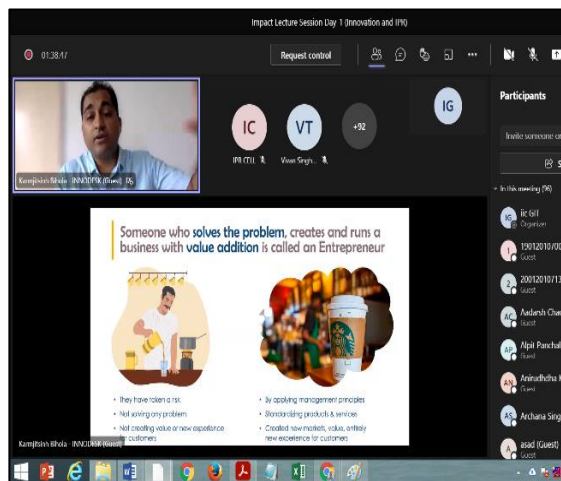
Mr. Karmjitsinh Bihola elaborated Importance of Innovation

Mr. Amit Patel explained Recent Changes in Patent System of India

Expert Started the Session on IPR

Day-2 of the session consisted of webinars on 1. Start-up, and 2. Entrepreneurship. Mr. Darshak Doshi and Mr. Shravan Rajpurohit, founder, and co-founder of Intellify Pvt. Ltd conducted the talk on Startups. Both the experts shared their experiences and challenges they faced in their journey to Intellify, the company that Creates an interactive and immersive Virtual Reality experience, in order to help customers, understand products and offerings efficiently. It was really a wonderful and proud moment as Mr. Dharsh Doshi was an alumnus of GIT, and that helped to build the connection with the students. Mr. Satya Ranjan Acharya conducted a talk on Entrepreneurship Development. He is director at a Technology Business Incubator, named, 'Centre for Advancing & Launching Enterprises (CrAdLE) at Entrepreneurship Development Institute of India (EDII) since 2013. He explained to the students the importance of understanding and learning entrepreneurship and innovation, how one can learn the underlying principles of starting

a business, avoid common pitfalls, pitch ideas more effectively, validate products, develop a solid business model, and set oneself-up for success in a field where failure is common. Pictures of the session are as below:
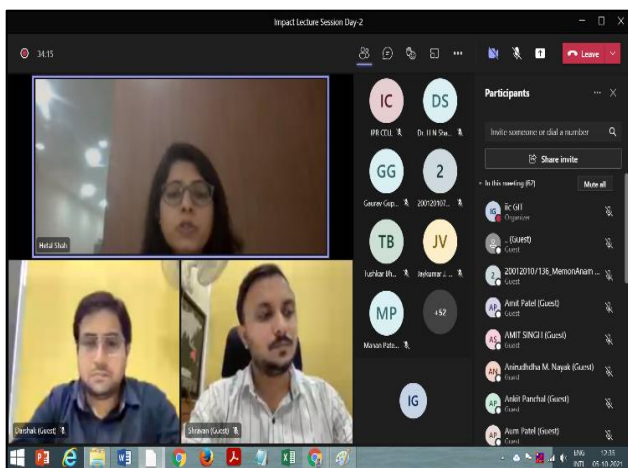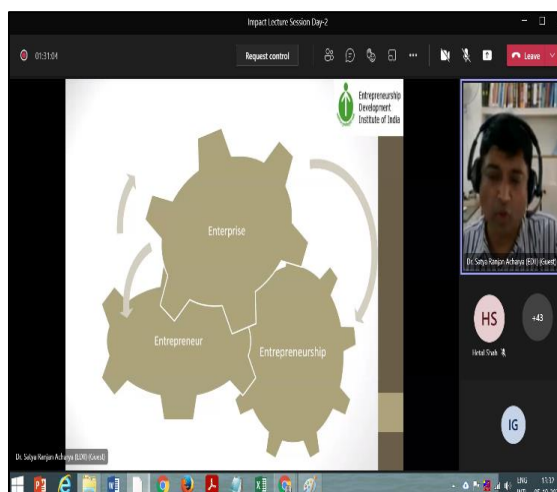

Session started with Welcome Speech
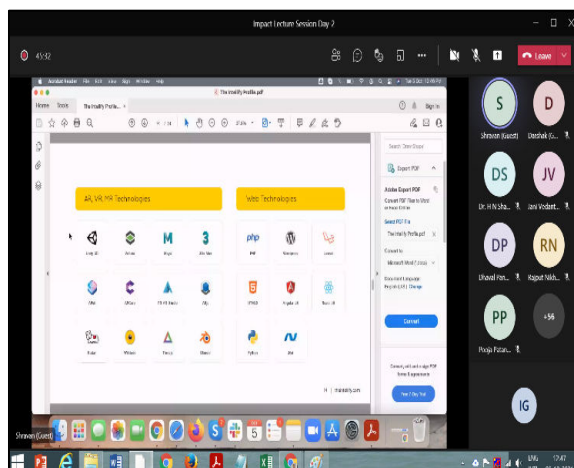
Start-up Details explained by the Expert

Expert Shared Importance of Innovation

Dr. Satya Acharya explained Entrepreneur Cycle

2. Prototype/Process Design and Development:

GIT IIC Cell along with SSIP Cell, IPR Cell and IQAC organized a session entitled "Prototype/Process Design and Development" for students on 9th March 2022. The speaker Prof. Dhaval Patel Assistant Professor (ME), GIT, delivered very informative contents regarding various phases of design processes and project execution. The five different phases: Research, Concept, Engineering, Prototype and Implementation of design processes and project execution was explained to participants very effectively by the speaker. The speaker advised students to do exhaustive research in terms of patents, research papers and existing applications. The speaker also made aware about few real time applications which have been motivated from the existing application and follow

design for aesthetic and ergonomic design concept. It was a very interesting session with extremely rich content, where prototyping validation was also covered along with the prototyping.

Speaker explaining about Real Time Application

Participants attending the Session

3. NISP Awareness Program:

GIT IIC Cell along with SSIP Cell, IPR Cell and IQAC organized an event on "NISP Awareness Program "on 20th April 2022. The session was conducted by Prof. Archana Singh, Coordinator, NISP Cell.The main objective of the session was to create awareness amongst the students and faculty members about the National Innovation and Startup Policy (NISP). Prof. Archana Singh had also explained how innovation can make our life better.

Prof. Archana Singh is explaining about NISP

Participants are performing the Task given by Prof. Archana Singh

WOMEN DEVELOPMENT CELL

Gandhinagar Institute of Technology organizes various programs for the benefit of female students, faculties, and staff under the banner of Women Development Cell (WDC). A number of events organized this year, are mentioned below:

1. Boost Your Immune System

Women Development Cell of GIT had organized an expert talk on **"Boost Your Immune System"** by Dr. Pooja Kagathara, a Clinical Dietician, for all the faculties, staff, and female students to make them aware about how lifestyle habits impact one's immune system and to understand and implement the components of a healthy, balanced diet that supports immunity. The session was organized online from 02:00 pm to 03:00 pm dated 4th August,2021. The Session began with a welcome of Director Sir and Dr. Pooja Kagathara. Around 65 girls' participants along with faculty members.

Dr. Pooja Kagathara is a Clinical Dietician providing her services to improve the health of people by solely focusing on diet and good habits. The webinar explored: What is it about immune aging that makes older adults so vulnerable to COVID-19, How aging processes can impact the severity of viruses and other diseases, how exercise, nutrition and other lifestyle factors can improve your immune health, what treatments show promise to bolster our immune defenses against COVID-19.

The program ended successfully with co-operation and coordination of Trustees, Director Sir, Head of the Departments, WDC Faculty Members, Faculties and Students' Participants and Admin Team.
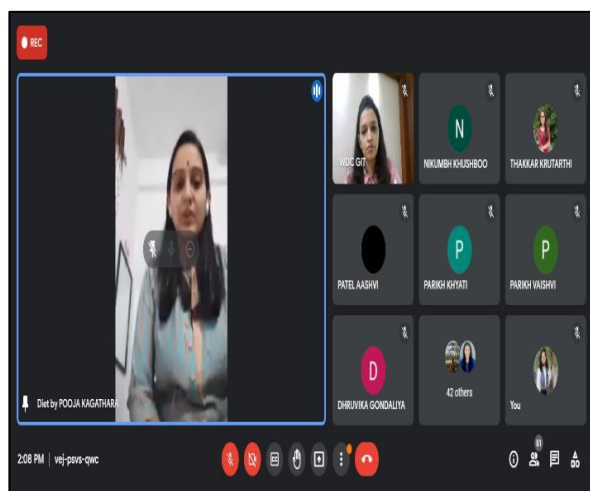
Dr. Pooja Kagathara Delivering Lecture
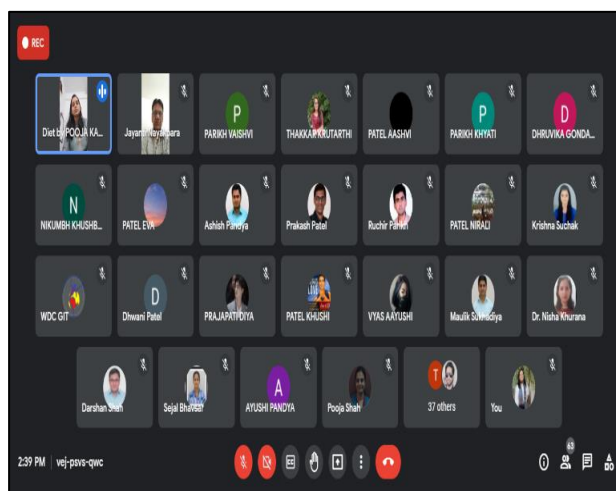
Audience at a Glance in Google Meet

2. Meditation for Beginners

GIT-WDC had organized an online session on **"Meditation for Beginners"** by Dr. Aanal Raval for female faculties and female students. The objective behind organizing this important session was to make all aware of meditation practice that connects the mind and the body. Its purpose is to help increase both physical and mental peace and calm, which also helps one to learn how to live more fully in the present. The session was organized online at A 105, Seminar Hall from 09:30 am to 10:30 am dated 18th October,2021. The Session began with a welcome message from Director Sir and the introduction of Dr. Aanal Raval, founder of Swatva Yoga Studio at Gandhinagar. Around 55 girl participants along with faculties participated in it.

Starting with the benefits of meditation and giving certain examples of well-known leaders Dr. Aanal Raval explained that meditation is easy and can be done by anyone no matter of the age. She explained what meditation is about and showed different techniques to do the meditation. She refreshed the participants with some sitting warm up exercises in between the session. The session provided a deep state of relaxation and a tranquil mind to all the female participants of GIT. By the conduction of this talk, everyone came to know about meditation and how it benefits oneself.

The program ended successfully with co-operation and coordination of Trustees, Director Sir, Head of the Departments, WDC Team, Faculty Members, Faculties and Students' Participants and Admin Team.

Audience at a Glance with Dr. Aanal Raval   Students performing Warm Up Exercises

3. Self Defense Session

Women Development Cell of GIT had organized a one-day online self-defense program to give awareness to the girls about self-defense when a critical situation arises. The main aim of self-defense training is to empower the girls with techniques to handle an attack independently and confidently. Self Defense means to avoid or de-escalate the situation quickly and safely. The session was organized online from 10:00 a.m. to 11:00 a.m. dated 11th January 2022 the students, namely Aimee Mohan, black belt in karate, Smriti Singh, brown belt in karate and Preeti Kardam, specialist in taekwondo were the trainers for the program. 88 girls' participants along with faculties participated in it. A short speech on the "importance of self-defense and why it is a necessity in today's world" was delivered by Aimee Mohan.

In the first half session, our trainers Aimee, Smriti & Preeti gave us brief ideas about how, when and what should be done while one found oneself in danger. Aimee discussed, "What is Self Defense?", "What are the laws for the Self Defense?", explained different forms of Self Defense like Martial-arts, Judo, Karate, Taekwondo etc. She also said that even if someone goes into NDA, then the main component will be Self Defending. She explained that in such a situation, one should not think about the violence but should think about one's protection first. In the second half, trainers demonstrated some of Self Defense techniques like: When someone choke you using both hand at that time all you have to do is not touch hands and just swirl down your head and then push that person who's choking you or attack him on his nose or jaw and When someone is choking you while pushing you against the wall than you have to do is push their hands with opposite hand of yours by turning your body and feet. The program ended successfully with co-operation and coordination of Trustees, Director Sir, Head of the Departments, WDC Team, Female Faculty Members, and Students' Participants.
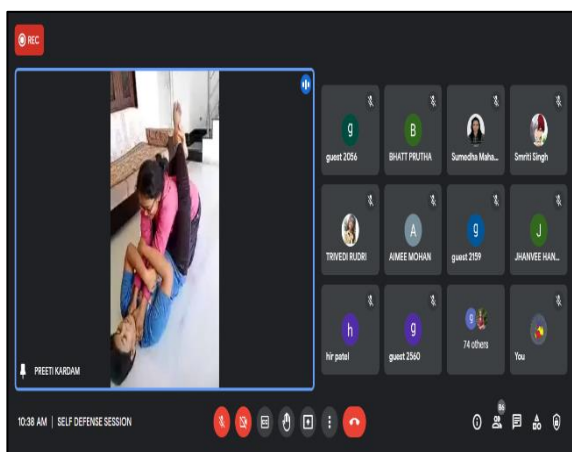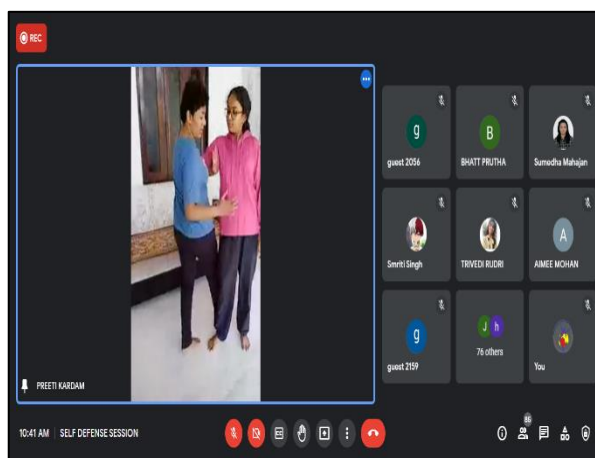
| Participants learning Self-defense Techniques | Participants learning Self-defense Techniques |
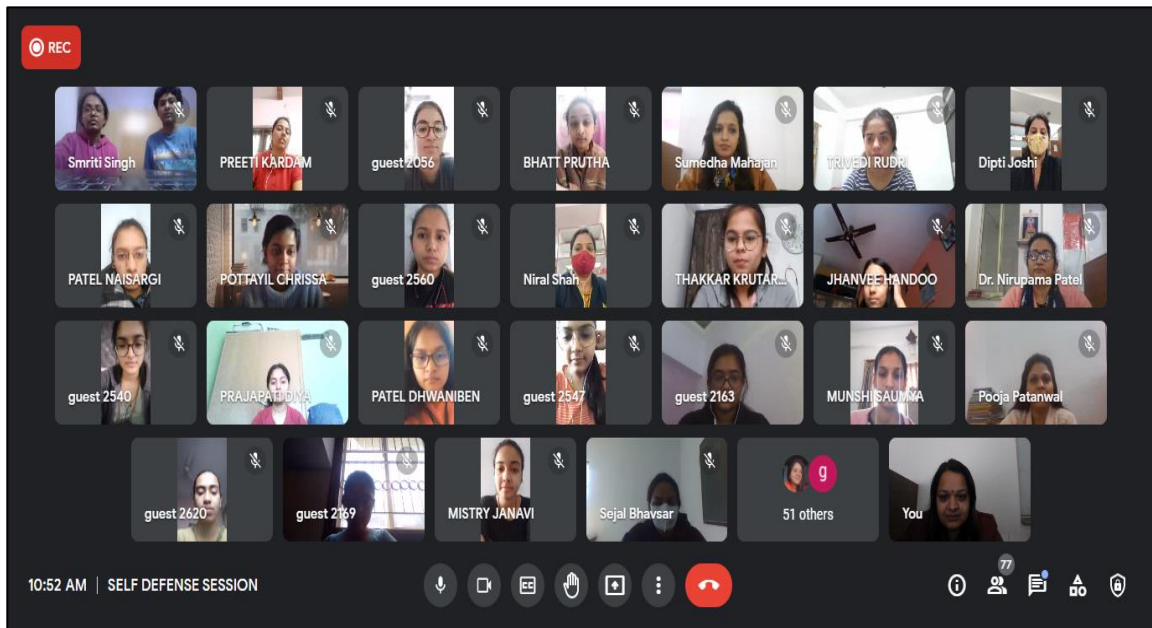
Group Photo of Participants

4. International Women's Day

Gandhinagar Institute of Technology, managed by Platinum Foundation, celebrated International Women's Day 2022 on 7th & 8th March 2022 under the roof of Women Development Cell. The motto of the event was to motivate female members of the institute and empower them for their as well as society's betterment. The event was organized by the Women Development Cell of GIT under the guidance of Dr. H N Shah (Director, GIT), trustees, and the management. The Pre celebration of International Women's Day started on 7th March 2022, with an educational discussion for class 4 women workers about the "Importance of Girl Child Education", which was followed by an entertaining game session for the female faculty members. A token of appreciation was given to class 4 women workers and female faculty members.

On 8th March 2022, 50 girl students of the institute were taken for a visit to the Nadabet India-Pak border. The students were taken for the visit of zero-point LOC- Seema Darshan where they interacted with soldiers and were explained the workings of the BSF. An educational session about various weapons and machinery used by the Indian army and information about their make, model, and use was given to the students. Students also visited the Nadabet museum which showcased the brave history of Nadabet. The main motto of conducting this visit was to encourage girl students to feel empowered, encouraged, and informed and to motivate them to join the defense force. The visit was managed by Mr. Vallabhbhai Ramani, the great father of Martyr Maj Rushikesh Ramani

who was killed in action in June 2009 at Pukhawada sector in Jammu and Kashmir and guided by Mr. R.K. Mehdiratta, executive member of the Air Force Association.

Pre-Women's Day Celebration

Talk on Girl Child Education

India-Pakistan Border

Visit to Nadabet

Group Photo of WDC members

HEALTHY CAMPUS COMMITTEE

The Healthy Campus Committee (HCC) of GIT has always been at the forefront when it comes to take initiatives with respect to Healthy Living, Social Consciousness, Stress Management, Building Self Esteem, Developing Critical Thinking, Developing Soft Skills and leading a Drug Free Life. HCC enables its students to realize their inherent potential and empower them to showcase their talents. Director sir, Dr H N Shah was instrumental in planning and execution of each of the events. HCC committee acknowledges the support of all Trustees and the Management in providing the necessary infrastructure and resources for conducting the events successfully. HCC events were coordinated by the committee members comprising of Prof. Jatin Chakravarti (HCC Coordinator, EC), Dr. Nehal Shah (MBA), Dr. Maitri Patel (CE), Prof. Dhaval Panchal (ME), Prof. Juhil Kapatel (CL), and Prof. Rahish Silavat (EE). Following events were organized by HCC:

1. Webinar titled "Chalo Vaat Kariye (ચાલો વાત કરીયે)":

Healthy Campus Committee of GIT organized a Webinar titled "Chalo Vaat Kariye (ચાલો વાત કરીયે)" for the faculties and staff on 3rd July 2021. Prof. Maitri Patel introduced the speaker Shri Utsav Parmar, who is the Deputy Director of Doordarshan News (Ministry of Information and Broadcasting, Government of India). He has hosted TV shows like "Aapda Mudda, Aapdi Vaat" and "Zindagi Café" on DD Girnar. The webinar enlightened the audience about the importance of improving family relationships which can directly affect our emotional and mental health. Shri Utsav explained how having good emotional health affects our capacity to manage, communicate, form and sustain relationships. The webinar also focused on how we can manage work related stress and bring positivity in our family and personal life.
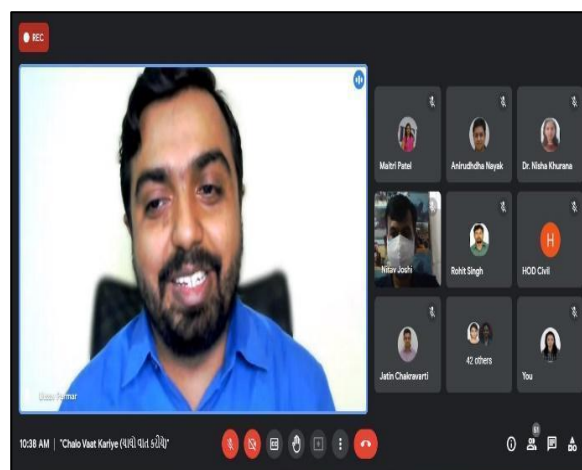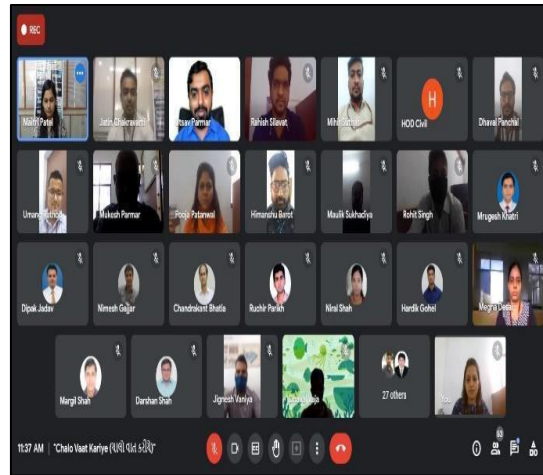

| Event Poster | Shri Utsav Parmar conducting the Webinar through Google Meet |

Prof. Jatin Chakravarti and Prof. Maitri Patel moderating the Webinar

Virtual Group Photo with Shri Utsav Parmar

2. Awareness Seminar on World Suicide Prevention Day:

Healthy Campus Committee of GIT organized an "Awareness Seminar on World Suicide Prevention Day" on 9th Sept. 2021 for the 2nd year engineering students. The seminar was coordinated by Prof. Juhil Kapatel. Ms. Jahnvi Sharma and Mr. Sahil Pandya of Sem. 3, EC Dept. were the anchors of the event. The seminar was conducted by Motherhood Foundation, Ahmedabad. Speakers of the seminar were Dr. Twinkal Patel (Founder of Motherhood Foundation, MD at Midas Touch - Cosmetic & Skin Care) and Dr. Kevin Patel (MD, Psychiatrist). Dr. Twinkal talked about the taboo associated with discussions around suicide. She said that the youth feels that nobody listens to them, and they constantly need attention. Dr. Kevin informed that 80% of the people with suicidal tendencies are diagnosed with Clinical Depression. He further said that the happiness hormones (dopamine and serotonin) can be increased in depressed people by proper medication and counseling.

Interaction of speakers with Dr H N Shah, Director, GIT

Group photo of speakers with 2nd Year Engineering Students and Faculties

3. Anti-Drug Awareness Webinar:

HCC organized an "Anti-Drug Awareness Webinar" on 21st January 2022 for the 1st Year engineering students. The webinar was conducted by Shri Shailendra Kumar Mishra, Zonal Director, Narcotics Control Bureau, MHA, GoI. He is one of the first recipients of the Home Minister's Medal for excellence in Police Training. As Zonal Director of NCB, Ahmedabad he is overseeing a vast jurisdiction comprising the entire state of Gujarat and the UTs of Daman and Diu. Shri Shailendra enlightened the students about different causes that could lead to a person consuming drugs and other narcotic substances. He enlightened students about different types of drugs based on their origin and action on the body. He explained the reasons behind people abusing drugs are imitating friends, peer pressure, curiosity, boredom, risk taking and rebellious nature, stress, and anxiety.

Prof. Jatin Chakravarti introducing the Speaker to the Audience

Shri Shailendra Kumar Mishra (ZD, NCB) interacting with the Audience Virtually

The speaker explaining the Role of Society in Curbing Drug Consumption

Group photo of Speaker and HCC Members with 1st Year Engineering Students

4. World Cancer Day Celebration:

A "World Cancer Day Celebration" event was organized by the Healthy Campus Committee of GIT in collaboration with "Narcotics Control Bureau, Ahmedabad (MHA, GoI)" on 4th February 2022. In the morning events like "Pixel Art", "5Km Run for Cancer Awareness" and "Virtual Think Tank" were organized. In "Pixel Art" the participants submitted digital paintings created using illustration software/apps like Adobe Photoshop, CorelDRAW, Adobe Illustrator, Microsoft Paint, Procreate and an online graphic design editor like Canva. The digital art competition had a wide range of topics such as 'Cancer Awareness', 'Drug Abuse', 'Narcotics', 'Fitness', 'Healthy Living', 'Global Pandemic', 'Yoga', 'Cultural Heritage', 'Climate Change', 'Right to Education', 'Regulation of Cryptocurrency', 'Natural Disasters', etc. Winner and Runner-Up of "Pixel Art" event were Patel Romik Kiritbhai (210120116506, IT, Sem. 4) and Prajapati Nimesh Somrajbhai (180120107134, CE, Sem. 8), respectively.
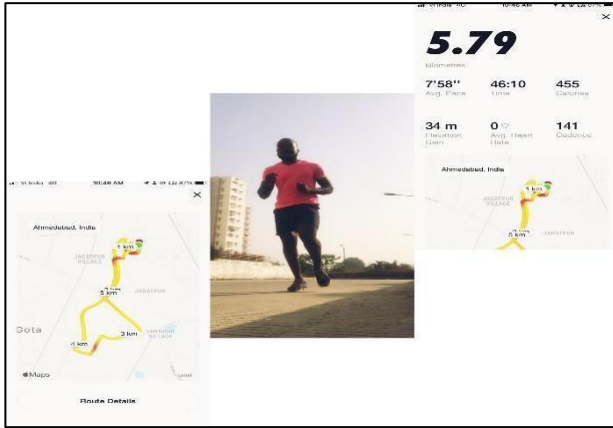
In the "5Km Run for Cancer Awareness" event, the participants could run, jog, or walk anytime and anywhere with proper social distancing guidelines. For tracking their distance and time, participants installed the "Nike Run Club" app on their Android/iOS phones and submitted their running details to the coordinators through Google Form. Dr H N Shah (Director, GIT) also ran 5Km to spread awareness regarding Cancer. In "Virtual Think Tank" event, Round-1 was an elocution completion. In Round-2 the participants were shown cartoons/illustrations of famous cartoonists and they had to judge the theme of the cartoon and find its relevance with recent times. The event was judged by Dr. Nirupama Patel (MH). Winner and Runner-Up of the "Virtual Think Tank" event were Chauhan Chirag Vijaybhai (217150592028, MBA, Sem. 1) and Singh Sanjana Jitendra (180120111008, EC, Sem. 8), respectively.

Winning entry of "Pixel Art" by Patel Romik Kiritbhai (IT) on Drug Abuse Theme
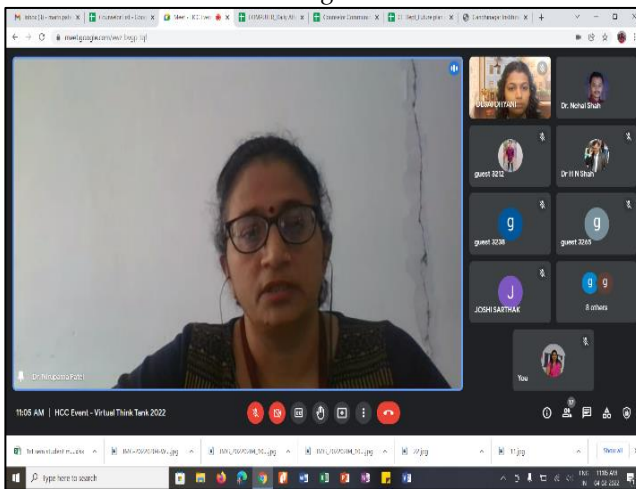
Runner-Up entry of "Pixel Art" by Prajapati Nimesh Somrajbhai (CE) on Right to Education theme

Frence Freed Gonde (International Student, CE) with his running stats

Faculty participants during the "5Km Run for Cancer Awareness"

Judge, Dr. Nirupama Patel (MH) during the "Virtual Think Tank" event

Cartoons/Illustrations for "Virtual Think Tank" Round-2

Participants, Judges and Event Coordinators During the "Virtual Think Tank" Event.

Media Coverage in "City Bhaskar" and "Gujarat Samachar Plus" Newspaper

5. Anti-Tobacco Awareness Workshop:

Healthy Campus Committee of GIT organized an "Anti-Tobacco Awareness Workshop" in collaboration with "Narcotics Control Bureau, Ahmedabad (MHA, GoI" on 5th March 2022, for the students of "Moti-Bhoyan Pay Centre School-1". Shri Natuji Thakor, Sarpanch, Moti-Bhoyan Village and Shri Khodaji Thakor, SMC Chairman, Moti Bhoyan Village were the Chief Guest and Guest of Honour, respectively, for the event. Shri Chintan Patel, Principal, Moti-Bhoyan School, Shri Jayeshkumar Dhruv, Vice-Principal, Moti-Bhoyan School and teachers of Std. 5th to 8th were also present during the event.

The speaker for the workshop was Mr. Krunal Shah, Youth Advisory Board Member, UNICEF India & YuWaah. He educated the school kids about the harmful effects of tobacco through various case studies and role play. He also explained methods to avoid peer pressure and also inspired them to build a healthy community which is free from tobacco addiction. The student volunteers of GIT performed a short skit on Anti-Tobacco awareness and carried placards and posters thereby motivating school kids to adopt a healthy lifestyle. Prof. Tejas Shah, GSS Coordinator, conducted a meeting with the Sarpanch, SMC Chairman and Principal to plan and collaborate regarding future Social Service activities for the people of Moti-Bhoyan Village. Shri Chintan Patel, Principal, Moti Bhoyan School, appreciated the efforts of GIT for conducting the workshop and enlightening the young minds. Dr Milan Shah, HOD, MBA, concluded the workshop with a Vote of Thanks. After the event Dr H N Shah and faculty coordinators engaged in an active dialogue with Mr. Krunal Shah regarding the future activities of the Healthy Campus Committee.
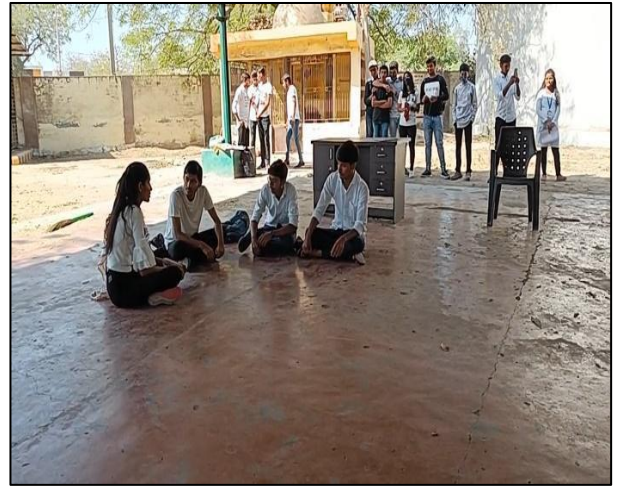

Dignitaries of the Event with Student Volunteers and School Students

Dr Milan Shah presenting a Bouquet to Shri Chintan Patel, Principal, Moti-Bhoyan School

Speaker Mr. Krunal Shah conducting the Workshop

Student Volunteers performing a Short Skit on Anti-Tobacco Awareness

Prof. Tejas Shah in a meeting with Sarpanch, SMC Chairman and Principal of Moti-Bhoyan Village

Group photo of Student Volunteers with Mr. Krunal Shah and Other Dignitaries

Group photo of Mr. Krunal Shah with Dr H N Shah, Dr Milan Shah, Prof. Jatin Chakravarti, Prof. Tejas Shah

Media Coverage of "Anti-Tobacco Awareness Workshop" in Sandesh City Life newspaper

6. Awareness Drive against Drug Abuse:

The Healthy Campus Committee of GIT organized an "Awareness Drive against Drug Abuse" in collaboration with "Narcotics Control Bureau, Ahmedabad" and "High on Life' Foundation". The drive kickstarted on 18th June 2022. In the morning, Prof. Jatin Chakravarti, Coordinator, HCC distributed "Say No to Drugs, Yes to Life" stickers to all faculty and staff members. Later in the evening during the "Farewell Party of 2018 Batch", Prof. Jatin distributed Anti-Drug pamphlets and spread awareness about the social menace. Around 400 students attended the event.

In the second leg of the drive, an Awareness Seminar was conducted on 23rd June 2022 for the students of Sem. 2, MBA department, to signify the importance of "International Day Against Drug Abuse and Illicit Trafficking". Prof. Nehal Shah, HCC Member, MBA, coordinated the seminar. The seminar was conducted by Shri Amit Khare, Intelligence Officer, NCB. He educated the students about the Drug Enforcement agencies in India. He also explained how students can contribute to demand reduction of narcotic drugs through such drives. In the end he cleared various doubts raised by students.

Shri Amit Khare explaining the Reason behind growing Drug Consumption

Shri Amit Khare distributing pamphlets to 2nd Sem. MBA students

GIT ALUMNI ASSOCIATION

GIT Alumni Association (GITAA) is a Vibrant Alumni Community where one can keep in touch and grow Social and Professional Network for various opportunities like Knowledge and Resource Sharing, Enhance Learning Experience by participating in Alumni Talks with the budding engineers, Give and Get Advice for Career Development from Domain Experts connected with GITAA etc. GITAA will work for creating and maintaining strong bonds among former students, current students, faculties, and the institute for each other's social and professional development. GITAA always help alumni regarding various activities like Participate in different Placement Openings, Access Alumni Database for Developing Professional Connections in India and Abroad, exploring with well-known persons while travelling to distant cities and countries, Celebrate and socialize by organizing Events and Reunions with GIT, Connect for a Lifetime with the group of Versatile Engineers, Technocrats, Scientists, Managers and Entrepreneurs.

### GITAA Activities Summary (2021-2022)
- GITAA Technical Talks – 09
- GITAA Short Talks – 03
- GITAA Awareness Program for All Branches Final Year Students – 01
- Total No. of Alumni with Lifetime Membership – 388+

1. GITAA Technical Talks

The objective of the GITAA Technical Talk is to organize interactions with alumni on career opportunities by eminent personalities in different domains and to facilitate the alumni and staff who have excelled in performance in their respective fields to motivate and guide current students of GIT.

Motivational Session by Successful Entrepreneur/Start-up founder

The webinar on "Motivational Session by Successful Entrepreneur/Start-up founder" was organized on 18th September 2021 at GIT by GITAA Cell in collaboration with IIC, SSIP, IPR and IQAC Cell. Prof. Maulik Sukhadiya introduced the event Expert Mr. Jainam Shah, who was successor and partner of JM Engineers. He inspires the participants to apply for an SSIP grant on their talent, and to show their presentation. He also encouraged the students of Design Engineering Subject with its canvases. He added that sincere observation always helps in identifying the problems in the society. He also added that the SSIP introduced by the Government of Gujarat helps them for developing innovative product ideas.
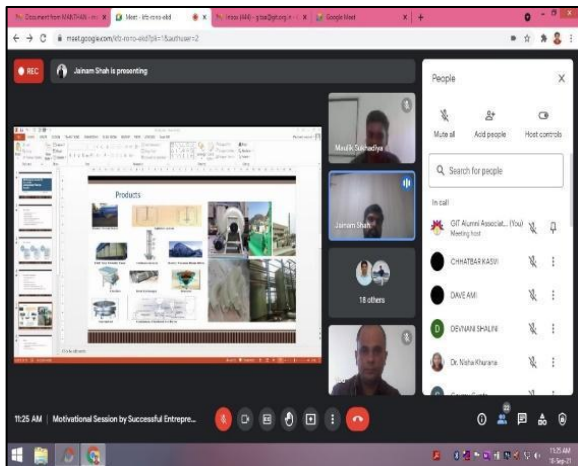
Session of Mr. Jainam Shah
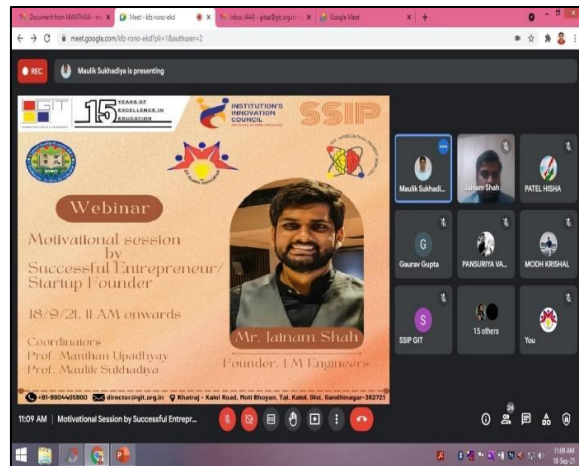
Banner of the Programme

Upcoming Opportunities in Growing Sector by Successful Alumnus

GIT-MBA invited Mr. Dinesh Prajapati and Mr. Akshay Suthar, of batch 2018-20 on 4th Oct. 2021. Both are currently working in the Insurance sector. They have guided the students related to opportunities available in this growing sector. They had thrown light on the importance of "Networking" to achieve the desired results in the insurance sector.

Importance of Education Sector by MBA Alumnus

GIT-MBA invited its alumni Ms. Ayushi Joshi, of batch 2019-21 on 27th Dec. 2021. Currently she is working in a teaching position. She shared her experience and her entire journey at GIT MBA. She explained the importance of taking initiative in students' lives. She also interacted with students and motivated them to join the education sector.

Mr. Dinesh interacting with MBA Students

Ms. Aysuhi Joshi sharing her experiences

Current Scenario of the FMCG Sector by MBA Alumnus

GIT-MBA invited its alumni Mr. Parth Patel, of batch 2016-18 on 4th Feb.2022. Currently he is working in the FMCG sector. He discussed the present scenario of the FMCG segment. He guided the MBA students about the real-life corporate expectations from the management students. He also emphasized on positive attitude and self-belief.

Session of Mr. Parth Patel

GITAA Technical Talk-5 on "How GIT-MBA Shaped My Career by MBA alumnus"

GIT-MBA virtually invited its Alumni Mr. Shiju George, of batch 2018-2020 on 8th Feb.2022. He had explained about the present industry scenario and journey of his career. He highlighted many aspects of business management which really motivated the entire audience. He has explained how to get selected in an interview with proper interview etiquettes.

Mr. Shiju George interacting with Students
A Group Photo of the Session
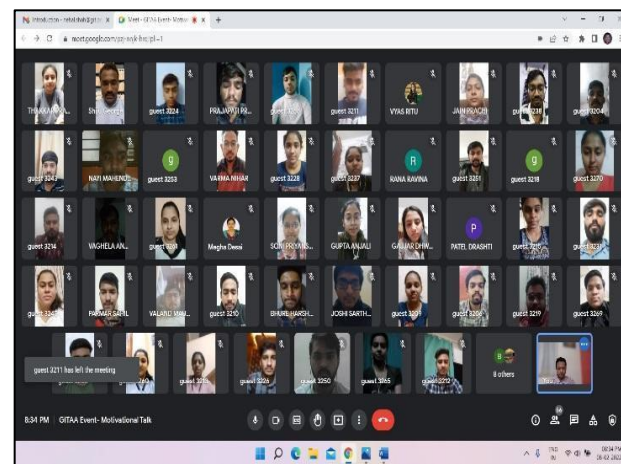
GITAA Technical Talk-6 on "Online Expert Talk on Embedded System in IOT"

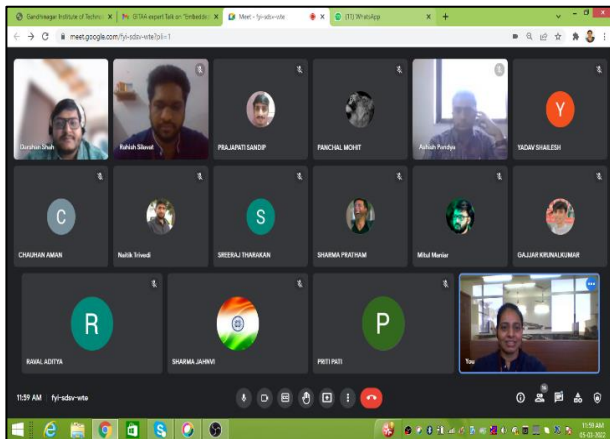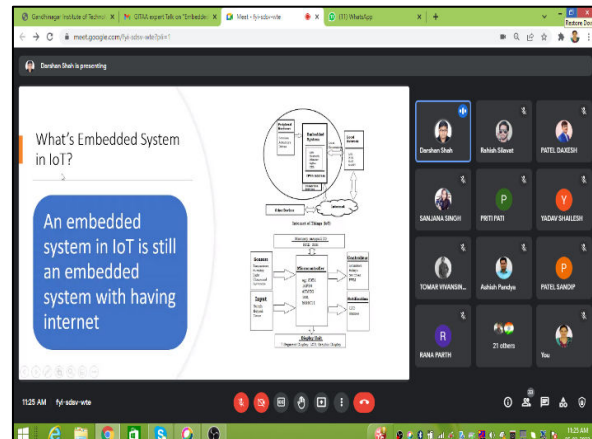The GITAA Talk webinar on "Embedded System in IOT" was organized on 5th March 2022 at GIT by GITAA Cell. Under the banner of GITAA, GIT – EC has invited his alumnus Mr. Darshan Shah of batch 2009-2013 on 5th March 2022. Currently he is working as Senior Embedded Software Engineer (Level 2), at EInfochips, Ahmedabad. He had explained about embedded systems, IOT system, type of IOT connectivity etc He also emphasized on positive attitude, self-belief and benefits of team work over individual work. He concluded his discussion by explaining the employer needs from the students. There were 37 students participated in the session.

Mr. Darshan Shah explaining Embedded System	Group photo of all the participants

GITAA Technical Talk-7 on "Scenario of Corporate World"

GIT-MBA invited its alumni Mr. Homik Panchal, of batch 2018-20 on 13th April 2022. Currently he is working in the Asset Management sector. He focused on the importance of taking initiative in the corporate world. He emphasized team work to get success in the corporate world.

GITAA Technical Talk-8 on "The Indian Start-up Revolution 2022"

The GITAA Talk webinar on "The Indian Start-up Revolution 2022" was organized on 16th April 2022 at GIT by GITAA Cell. Under the banner of GITAA, GIT – ME has invited his alumnus Asst. Prof. Shaswat Padalia of batch 2014-2016. Currently he is working as Assistant Professor as post of an Assistant Dean in R&D, Indus University. He had explained about the current scenario of Start-up in India. He also emphasized on positive attitude, self-belief and benefits of team work over individual work. He had explained how to get selected in a technical firm with proper interview etiquettes and skills.

Prof. Shaswat Padalia is explaining to the audience

Session of Mr. Homik Panchal

GITAA Technical Talk-9 on "Motivational Session by Successful Entrepreneur"

GIT-MBA invited its alumni of batch 2018-20- Mr. Dhaval Majithiya, Proprietor, Microwise Solutions, Ahmedabad. He is currently doing business in the Solar power sector. He motivated students to take advantage of this growing sector for their final placement. He also focused on Communication skills and Interpersonal skills in the corporate world.

Mr. Dhaval Majithiya sharing his thoughts with students of GIT

2. GITAA Short Talks Live Sessions

GITAA has organized a short talks of Instagram Live discussion session on different informative topics conducted by successful alumni of the institute for the current students during July - June 2022. In 1st GITAA short talk live session on "CANADA, Post-Covid Situation" was organized between CE alumnus Mr. Abhi Hudani and CE faculty Prof. Jalay Maru on 22nd Jan. 2022. Mr. Abhi shared all his experiences what he faced and shared its effect and regarding the same. In the 2nd GITAA short talk live session on "Fusion Technology" was organized between ME alumnus Mr. Manthan Bhatt and ME faculty Prof. Manthan Upadhyay on 5th Feb.2022. Mr. Manthan shared all his knowledge and work experiences of ISRO and explained the importance of Fusion technology to the participants. In 3rd GITAA short talk live session on "Skill Sets Required to pursue a job in Construction Industry" was organized between CL alumnus Mr. Raj Shah and CL faculty Prof. Pooja Patanwal on 3rd July 2021. Mr. Raj shared all his experiences what he faced and shared its effect and regarding the same.

Session of CANADA, Post-Covid Situation

Session of Fusion Technology

Skill sets required to pursue a job in construction industry

3. GITAA Awareness Program

The GITAA Awareness Program on "Awareness Program on Lifetime Alumni Membership by GITAA" was organized on 30th March 2022 at GIT by GITAA Cell. Under the banner of GITAA, GITAA coordinator Prof. Manthan Upadhyay (ME) and all department coordinators Prof. Birendrasinh Zala (IT), Prof Megha Desai (EC), Prof Jignesh Vaniya (CL), Prof Rahish Silavat (EE) and Dr. Nehal Shah (MBA) had conducted an interactive session with the final year students of respective department. The session was held for all department students for bringing awareness about various initiatives taken by GITAA like alumni talks where they can get inspired from the success story of alumni, expert session to guide the students about recent market trends and technological advancements in the industry, social and professional networking for giving life a broader meaning, alumni meet where they can know more about earlier batches and get connected with them etc. The students were motivated to take maximum benefit from the experiences of invited alumni during various activities held at GIT. The students were explained about the long-term benefits of joining GITAA and how it can enhance their network to find better job opportunities in India as well as abroad. There were 65 students actively participated in the session and enthusiastically joined GITAA for collaborating in the success path of GIT.

Prof. Manthan Upadhyay describing about the Exclusive Benefits of GITAA

As a result of all above GITAA awareness programs in various branches, many students came forward for joining membership of GITAA and total no. of Alumni with Lifetime Membership reaches from 321 to now 388+.

SWAYAM (NPTEL)

National Programme on Technology Enhanced Learning **(NPTEL)** is a project of MHRD 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 to provide quality education to anyone interested in learning from the IITs. The main goal was to create web and video courses in all major branches of engineering and physical sciences at the undergraduate and postgraduate levels and management courses at the postgraduate level. Gandhinagar Institute of Technology has been listed under Active Local Chapter List in NPTEL Local Chapter Ratings - Jan-Apr 2022 semester. In NPTEL offered courses, 862 enrollments have been done in Jul-Dec 2021 and 549 enrollments have been done in Jan-Jun 2022 semester with the continuous encouragement, guidance, and support of institute faculties as mentors. Currently, Prof. Chintan Barelwala, Mechanical Engineering Department is coordinating NPTEL Course awareness activities among the institute students & faculties as a **SPOC** of the **GIT NPTEL Local Chapter** *(LC id:702).*

Details of the faculties and student registrations and achievements are as follows:

Year	Term	Courses Registered	Exam Registrations		Topper	Elite Gold	Elite Silver	Elite	Successfully completed
			Student	Faculty					
2021	Jul-Dec	48	28	8	1	-	4	12	5
2022	Jan-Jun	45	35	3	-	1	7	7	5

FACULTY ACHIEVEMENTS

Prof. Dhaval Panchal (ME), Wheeled Mobile Robots
Score: 81%
Elite+Silver

Prof. Hetal Shah (CE)
C Programming and Assembly Language
Score: 75%
Elite+Silver

Prof. Amit Patel (ME), Database Management System.
Mentor Appreciation certificate

Prof. Manthan Upadhyay (ME)
Automation in Production System and Management Duration
Mentor Appreciation certificate

STUDENT ACHIEVEMENTS

Ukani Vedant
(200120116062)
Data Base
Management System
Score: 86%
Elite+Silver

Programming in Java
Score: 91%
Elite+Gold

Pragya Gupta
(190120116021)
Introduction to
Algorithms and
Analysis
Score: 87%
Elite+Silver

Aryan Bhavsar
(200120107150)
The Joy of
Computing using
Python
Score: 83%
Elite+Silver

Dhruv Patel
(190120116064)
Programming, Data
Structures &
Algorithm using
Python
Score: 83
Elite+Silver

Bhadani Kishan
(200120116015)
Programming in Java
Score: 82%
Elite+Silver

Patel Om
(200120107026)
Programming in
Java
Score: 81%
Elite+Silver

Rudra Patel
(190120116078)
Blockchain and its
Applications
Score:81%
Elite+Silver

Diya Shah
(210120107035)
Problem Solving
through
Programming in C
Score:80%
Elite+Silver

Harshora Akshay
(200120116532)
Programming in
Java
Score: 77%
Elite+Silver

Vrutti Patel
(190120116089)
Programming, Data
Structures &
Algorithm using
Python
Score:75%
Elite+Silver

MOBILE AND WIRELESS TECHNOLOGY CLUB

Mobile and Wireless Technology Club (MWTC) organizes various co-curricular activities and workshops in order to groom the students and make them aware of latest technologies and trends regarding the communication world. Director sir, Dr H N Shah plays a paramount role in implementing the events. Looking at the globally competitive scenario engineering sector, it is high time for all engineering graduates to develop the skill-based core competencies especially in the field of communication.

MWTC conducted the following workshop to make the students aware of the latest technology.

Sr. No	Name Of Activity	Coordinated By	Date	Venue	Present Audience
1	Introduction to Flutter	Prof. Megha Desai Prof. Hitesh Manani	03/07/2021	Online	16
2	BlockChain Technology	Prof. Jatin Chakravarti Prof. Mitul Maniar	07/08/2021	Online	7
3	Introduction to FEKO	Prof. Naitik Trivedi Prof. Rahish Silavat	07/08/2021	Online	20
4	Wireless Communication Trends	Prof. Ashish Pandya Prof. Chintan Patel	04/09/2021	Offline	40
5	Mobile app Development Trends	Prof. Megha Desai Prof. Hitesh Manani	16/10/2021	Offline	19
6	Python for Mobile App Development	Prof. Jatin Chakravarti Prof. Mitul Maniar	05/02/2022	Online	16
7	Generations of Wireless Communication	Prof. Ashish Pandya Prof. Chintan Patel	05/02/2022	Online	12
8	Working with PartSim	Prof. Naitik Trivedi Prof. Rahish Silavat	05/03/2022	Offline	31
9	Introduction to IOT	Prof. Hardik Bhatt Prof. Pavak Mistry	16/04/2022	Offline	10

Outcome- After successful completion of these workshops Students were able to get deep knowledge in Industry demanding software like Partsim, Antenna Magus, python, embedded wireless systems etc. Students were come to know about the use of IOT for commercial industrial applications. They have studied all the fundamentals of implementation of IOT. Controller and its programming.
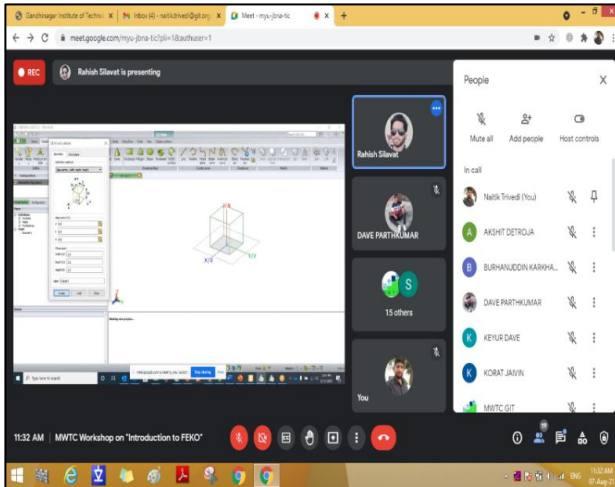
Prof Naitik Trivedi explaining about Circuit Design

Students learned FEKO Software

Prof. Rahish Silavat explaining different simulation tools of Partsim


Prof Hardik Bhatt introduced to MWTC

GIT-GITHUB CLUB

On the morning of August 28th, the GIT-GitHub club conducted an interactive session on "Be a MLSA and lead your community!". Microsoft Learn Student Ambassador is a student program initiative from Microsoft to help and train students (high school, undergraduates, or postgraduates). This program focuses on increasing students' skills by training them in various fields and providing Microsoft premium services for free. You also get to interact with many international crowds and get a chance to increase your field of vision.

This was an online event that was held on MS Teams from 11:00 AM to 12:30 PM. Approximately 90 students actively attended it. The event was hosted and managed by Smriti Singh (180120107164) who is a Beta MLSA from the college. She covered a range of topics from what is MLSA, perks of getting selected as a MLSA, how to apply for it, things to take care of while submitting answers, brief about GIT-GitHub club, what is GitHub, how to start with it and opportunities that lie ahead of them. A round of Q&A was scheduled in the end where various questions related to the application were asked.
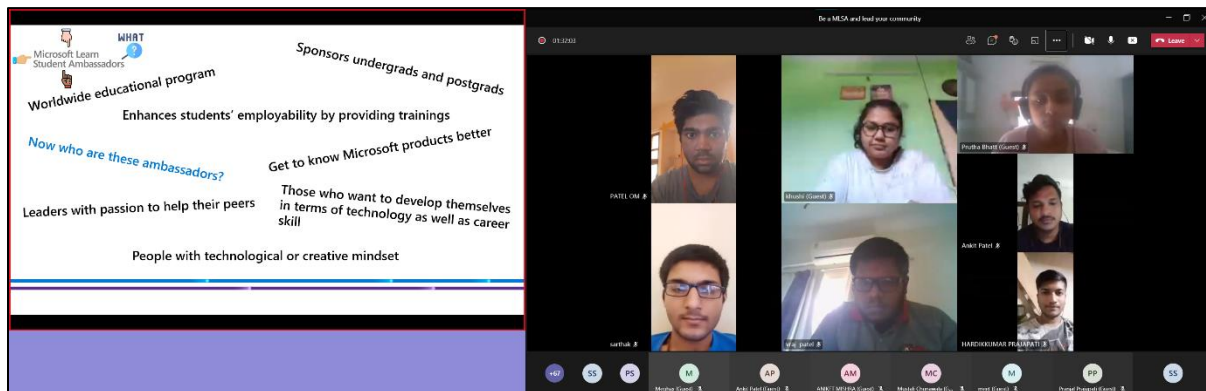
Participants Engaged in MLSA session
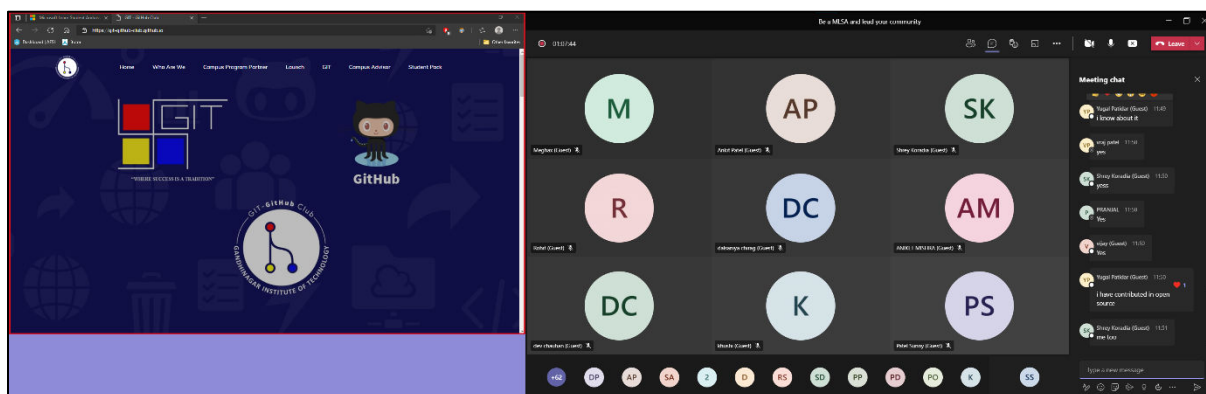
MLSA Session opening

HACKATHON CELL

Hackathon cell at Gandhinagar Institute of Technology was established in Feb. 2020 under the guidance of Dr. H N Shah, Director, GIT. The objective of the cell is to harness the creativity among students and fuel their imagination through participation among various hackathons/Ideathons. It also enables the possibilities for students to deliver innovative solutions to societal problems. At the same time, it also empowers societies/organizations/government departments by providing them the solutions to their problems. Target Stakeholders of this cell may be students and organizations. The main objective of the cell is to improve the quality of life of people by giving the solution to their problems.

Smart India Hackathon 2022

Hackathon cell of GIT organized an Internal Hackathon as a part of Smart India Hackathon 2022 on 9th March 2022. Hackathon was conducted at A 105 Seminar Hall where various teams participated in the software category and showcased their ideas in front of jury members. The internal hackathon was conducted following all the guidelines provided by the Smart India Hackathon officials. Proper banners regarding internal hackathon were displayed on various social media handles of GIT. Team formation has also been done as per the guidelines provided by SIH. Students presented their ideas in the PPT format given by SIH and all the teams were evaluated and given suggestions for their respective ideas by the jury members. Prof. Archana Singh, Prof. Jatin Chakravarti, Dr. Nisha Khurana and Prof. Mukesh Parmar contributed their valuable time as jury members and gave the appropriate suggestions to the participating teams. Total 9 teams were selected with their best ideas to be registered on the SIH portal. Out of 9 nominated teams, 2 teams has been selected for the participation in finals of SIH 2022.

Student Teams Representing their ideas


Jury Members Evaluating the Teams

Smart Hack 2021-22

Smart Hack 2021 was organized by E&ICT Academy, IIT Kanpur on 4th Dec. 2021. The event was organized in hybrid mode. Few Students participated in this event in online mode whereas few other students participated in offline mode. Total 102 students participated in this event. The event was about the showcasing of programming concepts of C and C++.

C Mania

The Hackathon titled **"C Mania"** was organized by Hackathon cell of the Institute for all first-year students of GIT. The Hackathon was announced on 26th July 2021 and students were supposed to go through the two rounds. Total 46 students registered for the hackathon.

The first round was conducted online on Aug 3, 2021, during 7:00 to 8:00 pm. First round was a combination of some multiple-choice questions and some problem statements in C. 21 students were shortlisted from the first round and were allowed for participation in the second round. The second round was conducted offline. Students reported at C 203 A lab for participation where they were given two problem statements in C on the spot and participants were supposed to bring the solution to those problem statements.
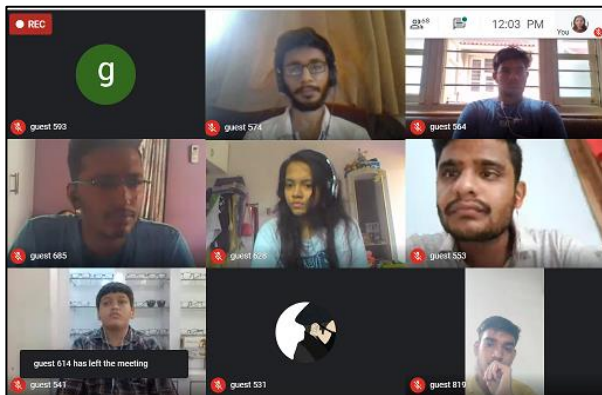
Students Participating in Smart Hack 2021-22

Students Participating in C Mania Final Round

UNIVERSAL HUMAN VALUES CELL

Gandhinagar Institute of Technology has started Universal Human Values Cell on 5th June 2020 under the guidance and motivation of Dr H.N. Shah, Director GIT, who is an educator, connector, coach and mentor at heart. His purpose is to cultivate others to fulfill their maximum potential and impact. The objectives of the cell are to help the students appreciate the essential complementarity between 'VALUES' and 'SKILLS', to ensure sustained happiness and prosperity, which are the core aspirations of all human beings, to facilitate the development of a Holistic perspective among students towards life and profession as well as towards happiness and prosperity based on a correct understanding of the Human reality and the rest of Existence. Such a holistic perspective forms the basis of Universal Human Values and movement towards value-based living in a natural way.

Through this initiative, students and faculty members get benefitted by the development of life skills and values in the following ways:
- Find new ways of thinking and problem solving
- Avoid blaming others by taking responsibilities
- Attain skills to develop self-confidence
- Build self-awareness
- Build the skill to appreciate others
- Evaluate and make decisions

The main motive of the UHV Cell is to:
- Sensitize the faculty and students about Universal Human Values
- Arrange the Lectures of the eminent personality which help to understand Human values
- Arrange a visit to site which can provide more knowledge about Human values
- Inform the faculty member to AICTE UHV Workshop
- Taking lectures of Universal Human Values in Sem-1 (Induction Programme)

Faculty members are regularly attending the FDP organized by AICTE. 59 Faculty Members have attended FDP till now.
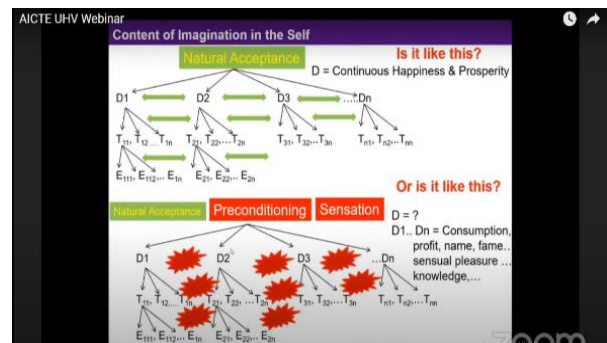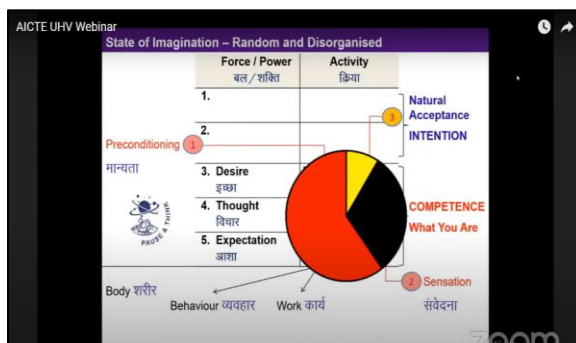
Snapshots of FDP

OPEN SOURCE TECHNOLOGY CLUB

An Open-Source Technology Club is an initiative of GIT to give maximum awareness to the existing staff and students for the open-source software exist in all discipline. Open-source software (OSS) is a software that is distributed with its source code, making it available for use, modification, and distribution with its original rights. Source code is the part of software that most computer users don't ever see; it's the code computer programmers manipulate to control how a program or application behaves. Programmers who have access to source code can change a program by adding to it, changing it, or fixing parts of it that aren't working properly. OSS typically includes a license that allows programmers to modify the software to best fit their needs and control how the software can be distributed.

OSS is developed in a decentralized and collaborative way, relying on peer review and community production. It is often cheaper, more flexible, and has more longevity than its proprietary peers because it is developed by communities rather than a single author or company. During the Academic year, various workshops were organized on C and CPP, Python, JAVA, and Linux etc. for the students and faculty members. Participants were given material including spoken tutorial videos, software installation files, and instruction manuals for installation of software provided by Spoken Tutorial Project-IIT Bombay.

W/S No.	Workshop Date	Target Audience	Free & Open Source Software (FOSS)	Coordinator	Participants
1	19/06/2021	Faculty Members	JAVA	Prof. Hitesh Manani	06
2	07/08/2021	Faculty Members	C & C++	Prof. Hetal Shah	03
3	04/09/2021	Faculty Members	Linux	Prof. Shaival Parikh	05
4	21/08/2021	Students	JAVA	Prof. Hitesh Manani	05
5	18/09/2021	Students	C & C++	Prof. Hetal Shah	26
6	29/01/2022	Faculty Members	LATEX	Prof. Darshan Shah (Resource Person)	02
7	19/03/2022	Faculty Members	Mendley for References	Prof. Rahul Vaghela (Resource Person)	03
8	19/02/2022	Faculty Members	Python	Prof. Shaival Parikh	13
9	30/04/2022	Students	PHP/MYSQL	Prof. Hetal Shah (Resource Person)	03

HOBBY CLUB

Gandhinagar Institute of Technology established its Hobby Club in 2021, with the aim of bringing various creative and artistic abilities of the students and faculties alike. Hobby Club includes various activities like reading, dancing, singing, musical instruments, debates, and any other specific hobbies that the students might be involved in.

Hobby Club opened with a loud bang with a MOTO GIT, organized in association with Live Ur Ride, on 24th October 2021. The aim of this ride is to promote ride safety and traffic safety amongst all of us. The ride was planned from Ahmedabad to Gallops Food Park, Anand, 95kms one way. The ride partners, Live Ur Ride (LUR), provided safety briefing at the assembly point and thus we kicked off MOTO GIT with a loud roar at 7AM and reached the destination in 90 minutes. The ride was continuously monitored by experienced riders from LUR and they made sure to provide controlled excitement on the road with proper safety taken as priority. At the venue, all the riders, exhilarated by the early morning ride, wound down and had sumptuous breakfast while interacting with all and other riders who also had come to the venue. LUR provided a few riders with T shirts and all riders were provided with ride safety stickers and paraphernalia. After a long break of 2 hours, all the riders geared up and rode on the way back. All in all, the ride was a major success.
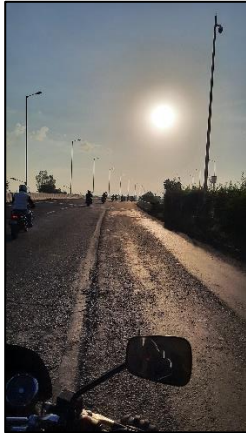
The view on the Route

The Riders of MOTO GIT

Hobby club organized Jamming session, on 30th October 2021 and 22nd April 2022. Students showed massive interest and the response was overwhelming such that the entries had to be limited. A lot of singers, musical instrument players, poets, writers came forward, which they usually would not showcase in day-to-day activities. Students brought their own musical instruments to play with and performed in Amphitheater. Both these events were massive success, with the events extending beyond their planned time.

An array of student performers

The audience, students, and faculties alike, enjoying the musical event

CULTURAL ACTIVITIES

TREE PLANTATION 2021

Continuing with its tradition of preserving the environment and having eco-friendly activities, the "Tree Plantation Event" was conducted on the campus of GIT on world nature conservation day, 28th July 2021.To understand the importance of nature for our existence and to conserve the nature in all manner, is our moral responsibility. It's not too hard to believe that without trees we, humans would not exist on this beautiful planet. Also, we have felt the change of purity in nature and reduction in pollution effect during this pandemic situation. While the latest technology has provided us many comforts, the consequent urbanization and industrialization also have some undesirable side effects; Global Warming is one of those. This event is a positive step towards achieving a healthy environment and to reconnect humans to nature and foster environmental stewardship.

Prof. Amit Patel delivered a speech wishing "Tree plantation" as well as "world nature conservation day". He shared the importance of nature and how we can protect it for the betterment of our future. The outlook towards nature must be changed from Utility to Divinity. Trees are the most important part of natural resources. It is our moral responsibility to conserve it with the highest priority. Dr. H N Shah, Director of the institute, added, "We should not only save the trees but should put our equal efforts in planting as well nurturing the trees at least for next 4/5 years". He also explained the importance of such an event to develop a good virtue in one's life. All the participants have planted more than 100 saplings around the campus and nearby their homes. At the plantation of saplings, all have recited a shloka to maintain the divinity between the human and nature.

It was the dedication and enthusiasm of the coordinators' Prof. Amit Patel and Prof. Maulik Panchal; and Cultural Coordinators Prof. Himanshu Barot and Prof. Krishna hingrajiya who successfully completed the whole event under the support and guidance of Dr. H N Shah and the Management.

Address by Dr. H N Shah, Director GIT and Prof. Amit Patel

Plantation by the Head of Departments

Plantation by Dr. H N Shah, Director, and Prof. Himanshu Barot

Plantation by Students

Gandhinagar Institute of Technology celebrated 75th Independence Day on 15th August 2021, Sunday. Owing to the ongoing coronavirus pandemic, with certain precautionary measures, Shri. Haresh Rohera, Trustee, GIT, Dr. H N Shah Sir, Director, GIT, faculty members and students celebrated the freedom and showered their love towards the country. The Chief Guest of the program was Shri. Dinesh Vaswani, Veteran Wing Commander, Ms. Purvi Golchha, an NCC Cadet and Ms. Vinita Rohera.

Event Overview:

GIT has organized "Independence Day" on 15th August 2021 at 8:00 am. Around 250 faculty, staff members and students gathered at the open air theatre to be a part of this patriotic event. The Event was hosted by Astha Shah, Student of CE, who welcomed all. It is followed by the speech by Dr. H N Shah, Director. The felicitation was offered to Shri. Dinesh Vaswani, Veteran Wing Commander, Ms. Purvi Golchha, an NCC Cadet, Ms. Vinita Rohera, honorable trustee Shri Haresh Rohera and Director Sir.
To celebrate this day, students performed March past followed by flag hoisting ceremonies. As per Indian tradition, the event started with Ganesh Vandana. The group of students performed the song and dance with live music. Prof. Himanshu Barot sang the famous patriotic song, which added a patriotic feeling in the audience.

Ms. Vinita Rohera expressed her love of patriotism with the dialog of Rang de Basanti movie "Ab bhi jiska khoon na khaula, khoon nahi wo pani hai", "jo desh ke kaam na aaye woh bekar jawani hai" to motivate the students, faculty, and staff member. Shri. Haresh Rohera, trustee, showed his gratitude towards the soldiers and freedom fighters who continue to keep us safe and free. He also motivated the students by awarding group dance students with cash prize for their commendable performance. H N Shah, Director, delivered his speech and motivated the students for building a resilient and thriving nation through values and ideals such as democracy, freedom, tolerance, generosity, discipline, and equal opportunity.

The Chief Guest of the program, Shri. Dinesh Vaswani, Veteran Wing Commander, had stressed upon the importance of mental health during the pandemic and urged everyone to enjoy and appreciate our freedom by accepting the pandemic as a new normal life. He had also appreciated the students for their passion and patriotic sentiments. Institute is in a process to start an NCC unit and the same was appreciated by Dinesh Vaswani on this auspicious day. The students were also awarded with books written by Ms. Purvi Golchha, an NCC Cadet. He has also made a proposal to visit India - Pakistan Border Rd, Nadabet with 100 students along with faculties. Group dance performance was

awarded with prize money of 10,000/- by honorable trustee Shri Haresh Rohera. Vote of thanks was offered by Prof. Archana Singh (AP-CE). Event was successful with the support of everyone.

Students awarded with Cash Prize **and book written by Ms. Purvi Golchha (an NCC Cadet)** by Honorable Trustee Shri Haresh Rohera

Speech by Shri Dinesh Vaswani

Salute to National Flag

March Past by Students

TEACHER'S DAY CELEBRATION-2021

Gandhinagar Institute of Technology celebrated Teacher's Day on 4th September 2021, owing to the ongoing coronavirus pandemic, with certain precautionary measures, all head of departments, faculty members and students celebrated to show the gratitude and importance of teachers in life. With certain precautions taken, there was a small drama performed by the students to represent the significance of teachers in our life. An appreciation video was also prepared by the students for all the faculties of GIT. More than 150 faculties, staff members and students were gathered in seminar hall A-105. The Event was hosted by Vyoma Shah.

The program began with the introduction of Sri Sarvepalli Radhakrishnan and history of teacher day celebration. A Skit "Shiksha aur Shikshak Ka Mahatva" was well performed by the students which conveyed a message that teachers are the real heroes of our life. The students also prepared an appreciation video in which they showed their love and respect towards all faculties. Then at last student chocolates and handmade greeting cards were distributed to all.

Vote of thanks was offered by cultural committee coordinator Prof. Himanshu Barot. Event was successful with the support of everyone. Whole event was covered by Ballantine India news channel.

Drama performed by the students

Appreciation video made by GIT Students

SHARADOTSAV

GIT celebrated "Sharadotsav" on 20th October 2021, during 05:00 to 10:30 pm. Owing to the ongoing coronavirus pandemic, with certain precautionary measures, GIT family brought back the groove and the notion of happiness to the campus with this celebration. In the presence of honorable trustees of institute Shri Haresh Rohera, Shri Vinay Rohera and Director of institute Dr. H N Shah, all the faculties, staff members and students celebrated this event with great joy and showed their devotion towards Indian culture.

Sharadotsav-2021 was organized on the day of Sharad Purnima to exhibit the cultural heritage of Gujarat and exchange good wishes and blessings among people. Students of GIT made a replica of "Gabbar Mountain" at an open-air theater and decorated it so well which enhanced the beauty of this devotional function. The event commenced at 6:00 pm with the Aarti of Goddess "Maa Amba" at Temple outside the institute, followed by "Maha Aarti" at open air theatre. Trustee Shri Haresh Rohera started the Maha Aarti followed by Shri Vinay Rohera, Director Sir, admin officer Dhaval Shah, faculties, staff members and students. The stage with sparks of light and sound of the orchestra boosted the motivation of all the people gathered for Sharadotsav Maha Aarti.

Replica of Gabbar made by Students

Students are enjoying Sharadotsav-2021

At last, the prize distribution ceremony was organized to encourage winners in various categories like Best Solo Performance (Male and Female), Best Costume (Male and Female), Best Group Performance, Best Performance and Costume - Faculty (Male and Female). The whole celebration was phenomenal with the amalgamation of happiness, tradition, colors, devotion, and respect for the culture. The event was successfully accomplished under the persistent guidance of Dr. H.N. Shah and Trustee Shri Vinay Rohera at each level of execution. Collective efforts of Admin Staff, Cultural Committee and Student council made this event a successful and memorable event.
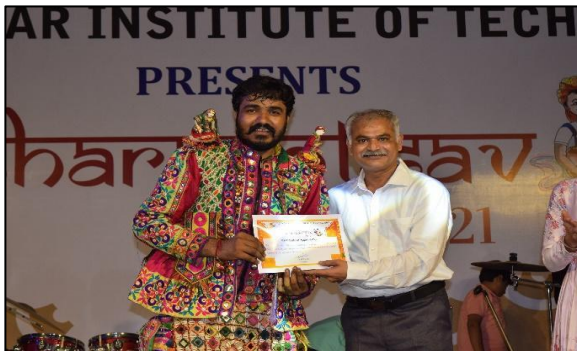
Best Solo performance (Male) First prize

Best Solo performance (Male) Second prize

Best Solo performance (Female) First Prize

Best Solo performance (Female) Second prize

Best Costume (Male) First prize

Best Costume (Male) Second prize

Best Costume (Female) prize

Best Group Performance prize

REPUBLIC DAY CELEBRATION

Gandhinagar Institute of Technology celebrated 73rd Republic Day on 26th January 2022. Owing to the ongoing coronavirus pandemic, with certain precautionary measures, this occasion was celebrated in the presence of Director Dr. H N Shah, Shri. Haresh Rohera, Trustee, GIT, Mrs.Vinita Rohera, faculty members, staff, and students. There were performances with the students followed by March past, Singing and Dancing in order to show patriotism. Four Online events were organized on 24th January 2022, which were Patriotic Poetry Craft - Poetry Competition, Creative Colors - Painting Competition, Quizalize - Online Quiz Competition and Extempore - Creative Idea Presentation.

Details of Republic Day Celebration

GIT celebrated "Republic Day" on 26th January 2022. More than 150 faculty, staff members and students gathered at the open-air theater to be a part of this patriotic event at 8:00 am. Director, Dr. H N Shah, and Trustees graced the event. Program started with the Flag hoisting, salutation to tricolor, national anthem and the flag was guarded by cadet Mudaliyar Shashwat, 4th Semester, EC. Because of COVID-19, students took part in the flag hoisting ceremony virtually and showed their gratitude towards the nation by participating in online events.

As per the Indian tradition, the event started with Ganesh Vandana. The group of students performed songs and dances with live music. Prof. Archana Singh talked about how the soldiers and freedom fighters protect our nation selflessly and give us a peaceful life under one of the activities "Veer Gatha" directed by the MOC. Dr. H. N. Shah, Director, GIT had motivated the students to eradicate the social evils from the society which is a big hurdle in the way of our country's progress. At the end of the event, winners of online events were awarded certificates and participants of the republic day were awarded prize money by trustees.

Salute to National Flag

March Past

Singing Performance

Dance Performance

Certificate Distribution

Description of Online Events

Creative Colors - Painting Competition

Painting competition was Theme-based in which three patriotic themes - Freedom Fighters, Freedom and Social Change and Patriotism were given to them. 15 participants registered for this painting competition. Participants had to draw their painting in an online session on Google meet under the monitoring of faculty event coordinator and then after completion of competition participants had to send the picture of their painting immediately to faculty event coordinator within specified time limit. Armed with brushes and bright ideas the students participated enthusiastically. The entire event was coordinated by Prof. Pooja Patanwal, AP, Civil Department. As per format of event Winner and Runner up were selected.

Creative Colors - Painting Competition winner
Gajjar Minal
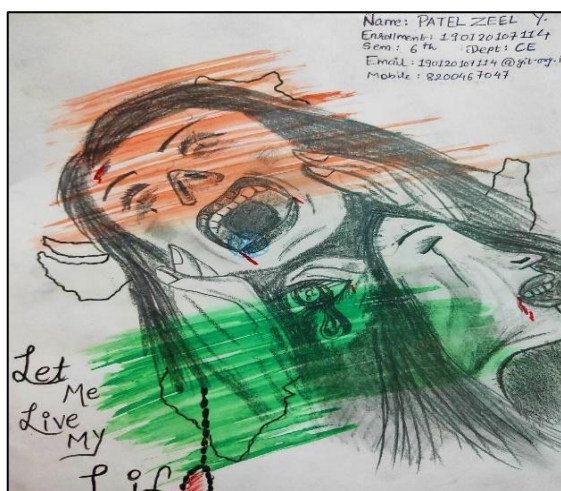
Creative Colors - Painting Competition 1st Runners up
Patel Zeel

Extempore - Creative Idea Presentation

This event was based on patriotic themes and some of the major contemporary issues like Ayushman Bharat Yojana: A New Initiative, Green Energy in India, Cyber Crime- A Technological Nightmare etc. Total 17 participants registered for this event. There were two rounds of the event, and the entire event was judged by Prof. Hardik Bhatt, HoD of EC & EE departments. The entire event was coordinated by Dr. Nehal Shah, Asst. Prof, MBA department. As per format of event Winner & Runner up were selected.
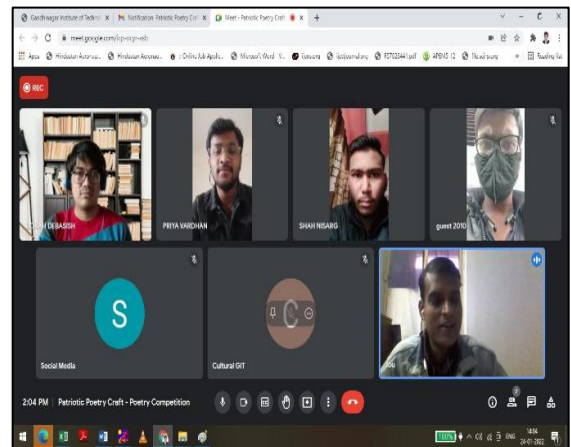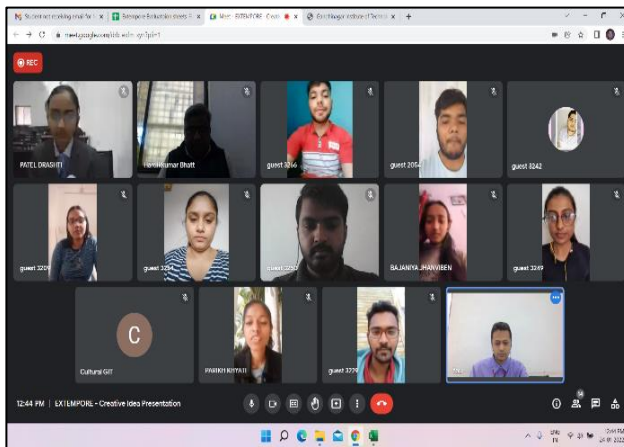
Creative Idea Presentation

Quiz Alize - Online Quiz Competition

This quiz event was on the virtual Platform Google Meet via Kahoot App. It was a competition where participants showcased their brainstorming talent by attending different questionnaires based on the patriotic theme. Multiple-choice quizzes that were played/accessed via web browser or the Kahoot app. The entire event was coordinated by Prof. Shreya Patel.

Patriotic Poetry Craft - Poetry Competition

This event was based on patriotic poetry recitation on given themes like Struggle for India Independence, Warriors' contribution for Indian independence, Indian Constitution and Democracy, Real meaning for the celebration of Republic Day and Azadi ka Amrut Mahotsav. All participants were given 5 minutes for patriotic poetry in the first round. Selected 4 were given patriotic theme in the final round. The entire event was coordinated by Prof. Chintan Barelwala.
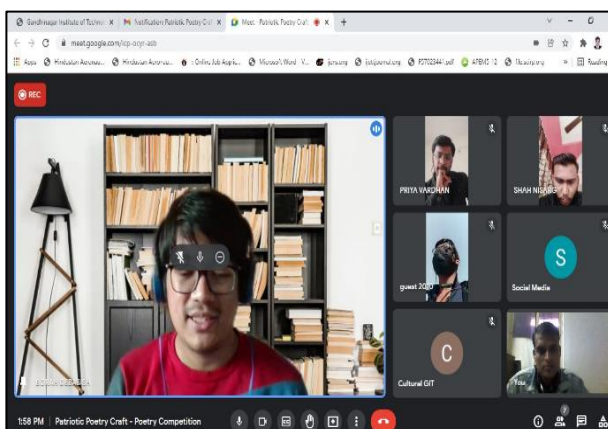
Patriotic Poetry Craft - Poetry Competition
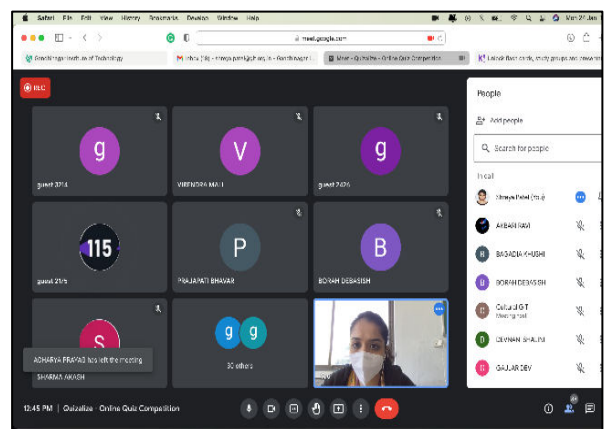
Quizalize - Online Quiz Competition

HOLI CELEBRATION

The spirit of Holi has different aspects. It is a carnival of colors, a celebration of the triumph of good over evil, a community festival and a tradition of ancient spring rites. It gives an opportunity to forget all differences and indulge in unadulterated fun with the colors of unity and brotherhood. India is a multi-cultural country and festivals celebrated in India symbolize socio-cultural and religious diversity and aspirations.

Schedule of the Campaign:

The institute organized Holi Festival 2022 on 17th March 2022 from 2:25 pm onwards at the sports ground of the campus. The event was scheduled just one day before Dhuleti hence the joy of the festival flaunted everywhere. Dr H.N. Shah, Director, GIT greeted and wished the entire GIT family and said that Holi is a festival of love which is aimed at spreading the message of peace and happiness. The staff members put tilak and gathered to play "Holi". This event was celebrated with fun, fervor and togetherness by the students and employees of the institute.

Students Celebrating Holi with colours

BLOOD DONATION CAMP

The World Blood Donor Day is observed on 14th June every year. An ailing body needs blood for various reasons. Gandhinagar Institute of Technology has organized a Blood Donation Camp in association with "Indian Red Cross Society, Ahmedabad' and 'Rotary club of Ahmedabad, SUPREME' on 28th March 2022, with consideration of all the Covid-19 guidelines provided by the government of India. To create awareness on Blood Donation and its significance in saving lives during emergencies particularly during Obstetric emergencies and major accidents. Blood donation is one of the most significant contributions that a person can make towards society. The basic purpose behind organizing blood donation camps is to encourage masses, especially youngsters, for voluntary blood donation.

Schedule of the Campaign:

The event was organized by the cultural committee of GIT under the guidance of Dr. H N Shah, Director, GIT. Along with the honourable trustee Shree Haresh Rohera, students, faculties and staff members participated in this camp. The donors were directed by a process of checking their weight, Blood Pressure, Hemoglobin, and blood group. After donating blood, the donors were offered snacks and drinks for gaining energy. Total 171 units of blood were donated at the drive. This serves to wipe off the shortage of blood and ensure availability of safe and quality blood. This will lead to alleviation of human sufferings, even to the far-flung remote areas in the country.

The camp was successfully accomplished under the guidance of Dr. H N Shah and remarkable efforts made by faculty coordinators along with the entire team of students' council and volunteers. It was a great initiative by GIT to organize such event for the welfare of the society.

Initial Check-up of Students

Faculty and student coordinators

FAREWELL FUNCTION

GIT celebrated Farewell Function Celebration on 18th June 2022. Owing to the ongoing coronavirus pandemic, with certain precautionary measures, GIT Management, Dr. H N Shah, Director, GIT, faculty members and students celebrated the Day. A farewell is an emotional rollercoaster where you are happy about the achievements in your life and at the same time sad because this is the day you will have to say goodbye to your friend. A farewell is the end of the student life but not the end of the relationship and bond that students have built over the years. Farewell makes most of the students emotional, specifically when it comes to say goodbye to college which they consider it as second home.

Event Overview:

The students of 2018-2022 attended the function from the Departments of Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering, Electrical Engineering, Information Technology, Computer Engineering and MBA along with all teaching and non-teaching staff of the college. More than 400 Students, Faculty & staff members gathered in Open Air Theatre, GIT Campus. The Event was hosted by Prutha Bhatt, 6th Sem CE.

The program began with delivering a speech from Ladies Representative Astha Shah, 8th Sem CE Branch and Student Coordinator Harshil Patel, 8th Sem IT Branch, expressed their thoughts and gratefulness towards the institute. Director Dr. H. N Shah gave his blessings to the students and encouraged them to move ahead in life with confidence, determination, and positive spirit. The students were awarded with trophies for the best academic performance and for aiding the institute as student coordinators.

Welcome Speech by Prutha Bhatt
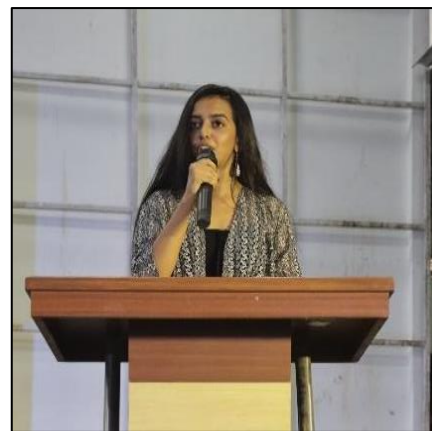
Speech from LR Ms. Astha Shah

Speech from Student Coordinator Mr Harshil Patel

Blessings from Director Dr H N Shah Sir

The students also managed to prepare a small video clip for all final year students of GIT to show their love and respect amongst them. The institute organized farewell for the students to make memories that lasts forever with DJ party and fun activity which was followed by dinner. Vote of thanks was offered by Prof. Dhaval Vaja Event was successful with the support of everyone.

Appreciation Certificate to Ms. Astha Shah

Appreciation Certificate to Mr Harshil Patel

#GITIAN

Academic Excellence Award to Students

Farewell Function Celebration

INTERNATIONAL YOGA DAY

Yoga in India is around 5,000-year-old mental, physical, and spiritual practice. Yoga originated in India in ancient times when people used meditation to purify and rejuvenate the body and mind. After an initiative taken under the visionary leadership of Hon. Prime Minister of India, Shri Narendrabhai Modi, United Nations General Assembly has declared in Dec 2014, 21st June as an International Yoga Day and it is a matter of pride and joy for India to celebrate this day every year. The International Day of Yoga is celebrated with an objective to let people know the amazing and natural benefits of yoga as well as to feel connected with nature and universal consciousness.

Programme Overview:

Gandhinagar University celebrated International Yoga Day on 21st June 2022 by organizing a Yoga Session with the immense participation of teaching and non-teaching staff and students at the institute. The event started at 7:00 AM onwards at the open-air theater with the Prayer of Sage Patanjali, Omkar chanting and introduction of Yoga. The yoga instructors explained that Yoga is the scientific way of living healthy and increasing life expectancy and listed benefits and importance of mind, body, and soul nourishment through yoga with proper scientific instructions for performing all the yoga Asanas and Pranayams. Various asanas like Tadasan, Vrikshasana, Bhadrasana, Ushtrasan, Surya Namaskar etc., various Pranayams like Kapalbhati, Anulom-Vilom, Shitali and Bhramari Pranayam and Marma therapy were performed very enthusiastically by all the participants. The yoga team actively assisted the participants for attaining the correct postures during the whole practice session. Yoga develops strength and balance as well as inner peace. All yoga styles created a feeling of lightness, happiness, and relaxation.

Inauguration of Event with Prayer

Omkar Chanting and Breathing Exercise

Warmups and stretching Exercises

Standing Asanas

Sitting Asanas

Surya Namaskar

The event successfully ended with the shanti mantra with which the whole environment got filled with positive emotions. A pledge was taken by each participant for practicing Yoga every day and motivating others as well. The event was effectively accomplished under the persistent guidance of Dr. H N Shah, Director of the Institute, and consistent efforts of GIT Yoga Team- Prof. Manthan Upadhyay, Yoga Coordinator, Prof. Hetal Shah, Prof. Pooja Patanwal, Prof. Chintan Barelwala, Dr. Rachana Shukla, Mr. Ashwin Rajput. Vote of thanks was offered by Prof. Nirav Joshi, I/C Deputy Registrar Administration. Event was successful with the support of everyone.

"If you Train Hard you will not only be Hard You will be Hard to Beat" - Hershel Walker

Gandhinagar Institute of Technology gives importance to students' fitness & other curriculum activities. Following the trend, GIT organized its annual sports named **"IMPULSO 2022"** on 11th, 12th & 13th February 2022 on college ground to provide a platform to the students to foster success in different sports. The students and faculties were at their harmony to organize panoramic activities related to sports activities. The objective behind keeping such sports events is to develop physical fitness by maintaining and increasing components like speed, flexibility, muscular strength, muscular endurance, aerobic capacity, and anaerobic capacity amongst the students. Participation in sport and other extra-curricular activities has an important role in ensuring that students' educational experiences at Gandhinagar Institute of Technology are as good as they can be. The sports event assists the students to build self-esteem and self-confidence through positive sporting experiences. It also gives them a stage to do healthy competition through inter-branch and inter-semester matches. Thus, organizing such sports events ensures that every student can maximize their sporting potential and find a sport that they can enjoy and participate in with some success. It's important to play sports because it's a healthier lifestyle and it's important for all of us to get rid of stress as well as enjoy what we're doing.

Details of the sports days:

Around 900 students along with faculty members participated in various indoor and outdoor games. There were 10 sports in total which included 7 outdoor and 3 indoor sports. The number of participants varies in different sports. There were 263 players in cricket, 135 players in Volleyball, 91 players in Kabaddi, 64 players in Kho-Kho, 269 players in Badminton, 169 players in Carom, 87 players in Table-Tennis and 160 players in Chess. From this year athletics were included there were 89 players in Long Jump, 144 in 100 m running, and 62 in Shotput There were individual as well as group matches depending on the availability of participants on time. Various students' coordinators were appointed for the smooth coordination and functioning of all the events. The Annual sports days were a grand success in the wings of GIT.

Impulso-22 Inaugural Ceremony opening by Director sir

Carrom Match between Students

Volleyball

Badminton

Winners of Student's Cricket team 6 IT

Faculty winner's Cricket Team

ARTICLES AND POEMS

तिरंगा: स्वतंत्र भारत की पहचान

ये तीन रंगों का प्यारा तिरंगा, फहराता है अपनी पूरी शान से ।
पूरे विश्व में छाया है, जो अपनी गौरव पहचान से ।

आज उस तिरंगे की पहचान तुम्हे बताता हूँ,
लाखों वीरों के अदम्य साहस का,
यशगान तुम्हे सुनता हूँ ।

कहते हैं वीरोँ ने हँसते-हँसते सर कटवा दी, इसकी लाज बचाने में ।
तब जाकर कहीं सम्मान मिला, विश्व और ज़माने में ।

मंगल, भगत, सुभाष और चंद्रशेखर जैसे वीरों ने,
आज़ादी के आगों की चिंगारी जलाई थी ।
अपने मित्रों की अर्थी तक खुद अपने हाथों सजाई थी ।

अंग्रेज़ों ने यह साहस देख, दातों तले उँगली दबाई थी ।
गौरव पाने देश के लिए, मिट गए ये अपने स्वाभिमान से ।

निर्भीक थे ये वीर सभी, जो डरते नही थे बलिदान से ।
सीने पर गोली खाकर भी अड़े रहे,
मृत्यु शैया पर जाकर भी वो खड़े रहे ।

डरे नही कभी मौत को अपनाने में,
तब जाकर कहीं सम्मान मिली, विश्व और ज़माने में ।

यही आज़ादी वो सम्मान है, जिसकी हर हिंदुस्तानी को पहचान है ।
इसको बनाये रखना, सम्पूर्ण हिंदुस्तानी का आव्हान है ।
चाहे फिर लाखों जान कुर्बान है।

<div align="right">Priya Vardhan Singh
190120107160</div>

THE LIFE

Life has very less to feel, with so much to deal.
Enjoying happily, With our family.

To live once, to die once, with a dream of having a baby once.
Life has nothing to give but so much to take, like celebrating our birthday with an icing cake.

To be happy, to make happy, to live happy, to die happy.
Life is too short to live, with so much to leave.

Enjoying in childhood, Suffering in adulthood.
To see mom and dad as our heroes, with learning first thing in life which is zeroes.

Seeing the life of school and college, Living with the life of marriage.
Caring by father, pampering by mother, And seeing love and fight of sister and brother.

We grow small to big, child to adult, young to old, they gave us clothes so that we can keep safe ourselves in hot and cold.
They complete our all desires without any hesitation, yet they also help us for the preparation of our examination.

We are very much happy to have such family, we enjoy with them day and night daily.
We can not imagine our life without mom and dad, as they help us to distinguish between good and bad.

When we came on this earth, we were crying, but others were smiling.
Likewise, when we will go from this earth, we will be smiling, but others will be crying.

The cycle of life is not to give up and to go on, means to think of future which is yet to come and to forget the past which has already gone.
In life, ups and downs will always occur, but we have to fight for it to conquer.

Journey of life is the milestone to achieve, with whatever life gives us, we have to receive.
Life is the biggest gift we have ever had, So, we are very thankful to our mom and dad
For this life until we make them sad being on our deathbed.

Dhyey Joshi
190120116026

SHAYARIS

बरसात के मौसम में तेरी कमी सताए, बरसात के मौसम में तेरी कमी सताए,
अपने दिल का हाल तुमको कैसे बताए, तुम तो चले गए हमे तनहा छोड के,
लेकिन तुम्हारी यादें हमारा तकिया भीगाए…

अब न बातें न मुलाकातें, अब न ही बातें न ही मुलाकातें,
ना जाने फिर भी क्यों, तुम्हारे ख़्वाब हमको बहुत है सताते.

रोऊ तो मेरे आंसु है तू, हसु तो मेरी हसी है तू, जागू तो निंद है तू, सोऊ तो ख्वाब है तू
पता नहीं क्या हो गया ऐसा, पर अब एक याद बनके रेह गया है तू..

जिसके साथ होने से आ जाए हिम्मत, जिसके बिना मेरे टूटे दिल की ना हो पाये मर्मत,
अब सबको कैसे बताऊं की, मेरे दोस्तों की मेरी जिंदगी में क्या है अहमियत

जिसे हम जान से भी ज्यादा चाहते है, वही शख़्स सबसे ज्यादा भाव खाते है,
वो है तो नही हमारे लेकिन फिर भी, हम उन्हे खोने से घबराते है

जिंदगी मैं कितने लोग गुमाये है, पर कुछ ऐसे भी है जो नसीब से पाये है,
जब मांगा साथ उनका मैंने, सिर्फ एक ही आवाज़ में मदद करने वो आये है.

दोस्ती गहरी थी, शायद इसलिए ही इतनी याद आती है,
पर ना जाने क्यों उन हीरो के साथ बिताई याद सताती है,
पर ये कमज़ोर दिल से जब भी पुछो कब मिलेंगे ऐसे यार मुजे,
मस्कुराकर कहता हैं वो, क्यों तुझे उन लोगो के साथ की हुई शरारते तड़पती है…

कोषिश करो कोई आपसे ना रूठे, कोषिश करो कोई आपसे ना रूठे,
चाहे हो जिंदगी में कितनी भी मुश्किले, पर जिंदगी में दोस्तों का साथ न छूटे

दोस्ती के धागो में पिरोये मेने यादो के मोती, कई बार ये सोचता हूं में,
इन दोस्तो के बिना मेरी जिंदगी क्या होती है,
दिया था मैंने अपने अनमोल रत्नों का नाम उन्हे,
आज बहुत याद आती है मेरे दोस्तो के टिफिन की वो रोटी

हारोज़ तू कॉलेज आ रहा है ना कल ये बात पुछना, बेफिसूल कॉलेज जाकार सिर्फ बंक मारना,
किसिको चीड़ाना, किसिको मनाना, सोचता हूं क्या होगा इन 4 सालो के बाद,
जब ना होगा कोई चिड़ानेवाला ना माननेवाला, जब बनके रह जायगा ये सब जैसे एक फसाना ….

आने से उसके साँसे जाए अटक, झगड़ा होने से उसके साथ दिमाग जाए सटक,
उससे कहो इतना बी प्यारा न दिखे की, आंखें जाए भटक.

Megh Patel 210120107005
Dhruvi Ghiya 210120107041

3 SHADES OF RELATIONSHIP

1, Unconditional

Every Relation starts with an unconditional love given to the other person. In first shade a person or a lover gives unconditional love to another person in which he/she didn't expect anything in return. They try to keep the person happy with whom they wanted the relationship (which can be any form of relationship like love, friendship) be working. No matter what they receive in return they focus on being helpful towards another person.

2, Conditional

Second shade is all about conditional relationship, where a person and his/her partner love each other for some condition, wanting something in return. This stage comes When the two person or lovers knows that they are in some relation. One has mentality of the condition before giving love to their partner, if I would help them in their problem, then when I need some help they will. And the one does the same thing if another is in trouble or in problem. And this way they rely on each other on some conditional based relationship.

3, Expectation

Third and the worst shade of the relationship is expectation. Develops after two partners spends some years of relation with each other. During this stage one expects that his/her partner share everything to them, work according to their choice, support them. But there are consequences where its not possible for the partner to share all the things, work as per their mentality. And this leads to the fights, anger, pity and negative thoughts. If there happen a fight between two, then there might be the condition where they both expect that his/her partner will apologize, finds a solution to the problem. But this type of mentality goes for dual way in this stage which causes the bitterness in the relationship. Slowly and gradually this type of feelings leads to the end of the relationship.

Conclusion:

So, if you want a healthy and good relationship with your partner (lover, friend, parents, anyone) try to give your best unconditionally because when there comes a condition or an expectation in the relation it will cause a big problem maybe not at the first but might be after some time.

Patel Kirtan
190120107100

A JOURNEY TO SUCCESS

A stranger bird at new place
With many goals to chase
To grab some new knowledge
This bird fly from school to college
Handling stress in their comfort zones
Now will be busy in making new bonds
With little efforts and stashing dreams
One will make a struggling screams
With lots of hard work and maintaining grades
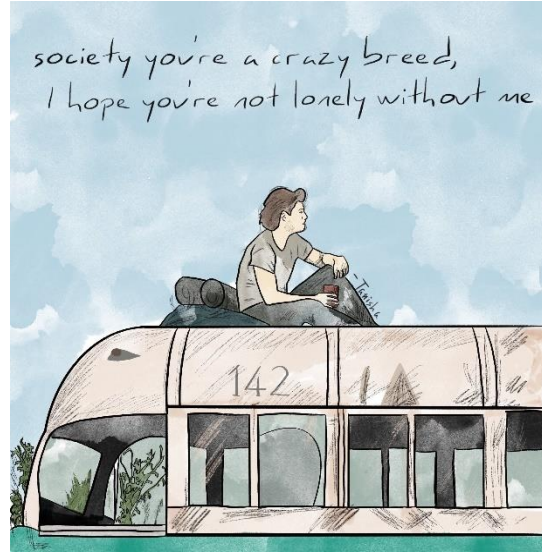This bird will complete their journey of success.
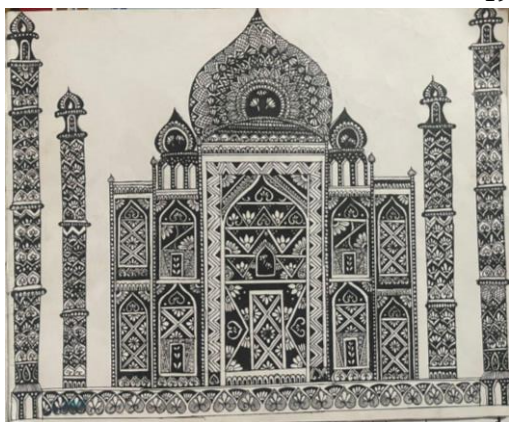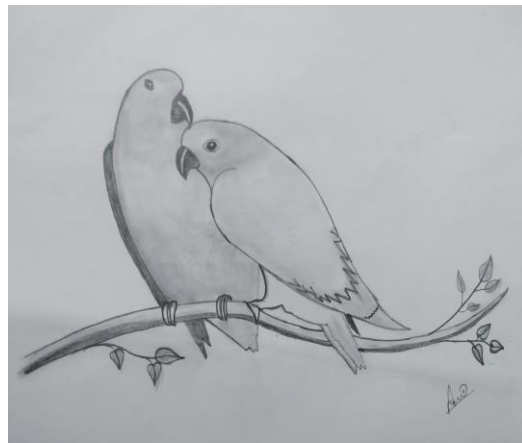
Hitarth Munjal
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SKETCHES

Hitaxi Patel
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190120107160

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પ્રાઈવેટ યુનિવર્સિટી એકટ ૨૦૦૯ અંતર્ગત

ગુજરાતમાં વધુ નવી ૧૧ ખાનગી યુનિવર્સિટીને સરકાર દ્વારા મંજૂરી

અમદાવાદ,મંગળવાર

ગુજરાત સરકાર દ્વારા રાજ્યમાં વધુ નવી ૧૧ ખાનગી યુનિવર્સિટીને મંજૂરી આપવામાં આવે છે.આવતીકાલે વિધાનસભા સત્રમાં ખાનગી યુનિવર્સિટી એકટ ૨૦૦૯ સુધારા જવા જામ્યા છે.

આવતીકાલે વિધાનસભામાં સુધારા વિધેયક પસાર થશે આ નવી યુનિ.ઓ સાથે હવે ગુજરાતમાં કુલ ૯૪ યુનિ.ઓ

ગુજરાત સરકારે ૨૦૦૯માં રાજ્યમાં એક સાથે નવી ૧૧ ખાનગી વિધાનસભામાં પ્રાઈવેટ યુનિવર્સિટી યુનિવર્સિટીને મંજૂરી આપી અને એકટ પસાર કર્યા બાદ સમયાંતરે સુધારા

વિધેયક પસાર કરવામાં આવશે અને એ સાથે વિધિવત રીતે આ યુનિ.ઓને મંજૂરી મળશે. આ નવી ૧૧ ખાનગી યુનિ.ઓને મંજૂરી મળતા હવે રાજ્યની કુલ યુનિ.ઓની સંખ્યા ૯૪ થઈ

આગામી સમયમાં ગુજરાતમાં યુનિ. સંખ્યા ૧૦૦ને આંબશે

નવી રાષ્ટ્રીય શિક્ષણ નીતિ લાગુ થયા બાદ યુનિ.ઓનો વ્યાપ પણ વધારવામાં આવી રહ્યો છે અને આગામી સમયમાં સરકાર રાજ્યમાં કુલ યુનિ.ઓની સંખ્યાને ૧૦૦ને પાર લઈ જવા માંગે છે.આ વર્ષે નવી યુનિ.ઓ માટે રાજ્યની ૧૯ જેટલી સંસ્થાઓ દરખાસ્ત કરી હતી.જેમાંથી ૧૧ મંજૂરી મળી છે. દેશના અન્ય ઘણા રાજ્યોમાં ૩૦૦ થી યુનિ.ઓ છે અને સૌથી વધુ ૭૫ યુનિ.રાજસ્થાનમાં છે. ગુજરાતમાં યુનિ.ની સંખ્યા ૯૪ એનેથિયા ગુજરાત સૌથી વધુ યુનિ.ઓ ધરાવતા રાજ્યો બની રહે જ જરૂરી છે. જો કે સરકારી યુનિ.ની સરખામણી કરતા ખાનગી યુનિ.ઓની સંખ્યા બમણી થઈ ગઈ છે.

આ ખાનગી યુનિ.ને મંજૂરી

૧) ગાંધીનગર યુનિ.-ગાંધીનગર
૨) સુભાષ યુનિ.-જૂનાગઢ
૩) ટ્રાન્સસ્ટેડિયા યુનિ.-અમદાવાદ
૪) એમ.કે.યુનિ.-સુરત
૫) વિદ્યાદીપ યુનિ.-સુરત
૬) સ્કિપ્સ યુનિ.-અમદાવાદ
૭) મગનભાઈ અઠનવાલા મહાગુજરાત યુનિ.-નડિયાદ
૮) સ્વામિનારાયણ યુનિ.-અમદાવાદ
૯) અઠાણી યુનિવર્સિટી-ગાંધીનગર
૧૦) લોકભારતી યુનિ.-ભાવનગર
૧૧) નોબેલ યુનિવર્સિટી-જૂનાગઢ

વિધેયકો સાથે રાજ્યમાં નવી નવી ખાનગી યુનિવર્સિટીઓને મંજૂરી આપવામાં આવે છે. ત્રણ વર્ષ બાદ છે.રાજ્યમાં અત્યાર સુધી સરકારી યુનિવર્સિટીઓ, ફિલ્ડ યુનિવર્સિટીઓ ઉપરાંત ખાનગી-રિંમ યુનિવર્સિટીઓ ગુજરાત સરકાર દ્વારા આવતીકાલે વિધાનસભામાં ખાનગી યુનિ.એકટ સુધારા વિધેયક પસાર કરવામાં આવશે.

જીઆઈટીમાં રક્તદાન શિબિર યોજાઈ

જીઆઈટીમાં કલ્ચરલ કમિટી દ્વારા રોટરી ક્લબ ઓફ અમદાવાદ સુપ્રિમ અને ઈન્ડિયન રેડક્રોસ સોસાયટી અમદાવાદના સહયોગથી રક્તદાન શિબિરનું આયોજન કરવામાં આવ્યું હતું, જેમાં ૧૭૧ યુનિટ રક્તદાન એકત્રિત કરાયું હતું.

'ચાલો વાત કરીએ' વેબિનાર યોજાયો

ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજી (જીઆઈટી) સંસ્થામાં હેલ્થ કેમ્પસ કમિટી દ્વારા 'ચાલો વાત કરીએ' વેબિનારનું આયોજન કરવામાં આવ્યું હતું. વેબિનારમાં જીઆઈટીના કાઉન્સેલર એચ.એન.શાહે કહ્યું કે, વ્યક્તિ પોતાના જીવનમાં બીજા વ્યક્તિને મદદરૂપ બને તે જરૂરી છે. વ્યક્તિ પોતાના સ્વાસ્થ્ય માટે જરૂરી સમય સુખી કસરત કે ચાલવું જરૂરી છે. કોરોના મહામારીના સમયમાં દરેક વ્યક્તિએ પોતાના જીવનમાં બીજા વ્યક્તિને મદદ કરીને તેમનું ઋણ ચૂકવવું જોઈએ. કોરોનાના સમયમાં કોવિડના...

વ્યક્તિગત જીવનમાં સકારાત્મક રીતે કામ કરીને બીજા માટે પ્રેરણારૂપ બનવું જોઈએ. પોતાના નિત્યક્રમમાં સારી વાતને સુખી લઈ જવાનું કામ કરવું જોઈએ.

ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજીમાં 'ઈન્ટેલેક્ચ્યુઅલ પ્રોપર્ટી રાઈટ્સ અને પેટન્ટ' પર વેબિનાર

ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજીમાં 'ઈન્ટેલેક્ચ્યુઅલ પ્રોપર્ટી રાઈટ્સ અને પેટન્ટ' વિષય પર નેશનલ વેબિનારનું આયોજન કરવામાં આવ્યું હતું. વેબિનારમાં ડૉ.નરોતમ સાહુએ વાત કરતાં કહ્યું કે, આધુનિક સમયમાં સ્ટાર્ટ અપ માટે સંશોધનમાં નવીનતા, સંશોધનમાં અને ઓથોજિક ઉપયોગિતા સારી વાતને જરૂરી છે. સ્ટાર્ટ અપ સાથે સ્ટાર્ટ પોતાની ક્રિએટિવિટી બહાર લાવવા માટે સતત સંશોધન કરવું જોઈએ. ટેકનોલોજીની મદદથી ઔદ્યોગિક ઉત્પાદનમાં વધારો થયો છે તેની સાથે માર્કેટમાં દરેક ચીજવસ્તુઓની પણ વધી છે. તજ્ઞ કુમાર ગુલાબચ પેટન્ટ વિશે કહ્યું કે, પેટન્ટ એ સંશોધકની મહેનતનું પરિણામ છે. સંશોધક પોતાની શોધેલી ચીજ વસ્તુને તેનો લાભ મળે તે માટે આ પ્રકાર કામ કરતા હોય છે. પેટન્ટ સંશોધનને તેની શોધની ઘણાંરાહે લોકપ્રિય બનાવવાની શરતે વધારીક સમય માટે મોદીજીના પોરો આપવામાં આવતો સંપૂર્ણ અધિકાર છે. પેટન્ટ એ દરેક વ્યક્તિની બૌદ્ધિક પ્રાસંગિક હક્કની એક પ્રકાર છે. પેટન્ટ એ કાંઠાની જબ્બિત કરેલા છે. સ્ટાર્ટઅપ પોતાની આવડતને વિશેષ સમસ્યાઓને નિરાકરણ સ્વરૂપે નવી પેટન્ટ તૈયાર કરીને પ્રગતિ કરી શકે.

ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજીમાં વૃક્ષારોપણ

ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજી દ્વારા પર્યાવરણની જાળવણી કરવાના હેતુથી વૃક્ષારોપણનું કાર્યક્રમનું આયોજન કરાયું હતું, જેમાં પ્રોફેસર

GITમાં માર્ચ પાસ્ટ કરીને આઝાદી પર્વની ઉજવણી કરવામાં આવી

ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજી ખાતે 75મા સ્વાતંત્ર્ય દિવસ ઉજવવામાં આવ્યો. આ અવસરે ટ્રસ્ટી સહિત સ્ટાફ સભ્યો અને વિદ્યાર્થીઓએ રાષ્ટ્રધ્વજને સલામી આપી. તદુપરાંત, વિદ્યાર્થીઓએ માર્ચ પાસ્ટ કરી.

વર્તમાન પરિસ્થિતિ યુવાનોને તણાવ અને હતાશા તરફ લઈ ગઈ છે

જીઆઈટી ખાતે આત્મહત્યા નિવારણ અંગે અવેરનેસ પ્રોગ્રામ યોજાયો

સિટી લાઈફ ▶ પ્લેટિનમ ફાઉન્ડેશન સંચાલિત ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજી (જીઆઈટી) ખાતે ઈજનેરીના બીજા વર્ષના વિદ્યાર્થીમાં વિશ્વ આત્મહત્યા નિવારણ દિવસ અંગેની જાગૃતિ લાવવા ઉપરાંત તેની

કમિટી દ્વારા કરાયું હતું. સેમિનારનું સંચાલન મધરહૂડ ફાઉન્ડેશન દ્વારા કરવામાં આવ્યું હતું. મનોવૈજ્ઞાનિક

રીતે વ્યક્તિને ઉદાસી, એકલતા, ડર અને ક્યારેક આત્મહત્યા તરફ દોરી જાય છે. પરિસવંવાદમાં વિદ્યાર્થીઓને આત્મહત્યા તરફ દોરી જતા વિવિધ કારણો વિશે સમજણ આપવામાં આવી હતી અને તેને અટકાવવાના ઉપાયો પણ સમજાવ્યા હતા. આ ઉપરાંત વક્તાઓએ સ્ટુડન્ટસ સામે કેટલાક કેસ સ્ટડી મૂકીને તેમને સમજાવ્યા આ સાથે વિદ્યાર્થીઓએ

જીઆઈટીમાં વર્ચ્યુઅલ વર્લ્ડ કેન્સર ડે સેલિબ્રેશન

જીઆઈટીના સ્ટુડન્ટસમાં કેન્સર વિશે જાગૃતિ લાવવા માટે વર્ચ્યુઅલ વર્લ્ડ કેન્સર ડે સેલિબ્રેશનનું આયોજન કરવામાં આવ્યું હતું, જેમાં સ્ટુડન્ટસને કેન્સર વિશેની શિક્ષણ અને જાગૃતિ માટે વધારવાને મુખ્ય કાર્ય ભાર મૂકીને ચર્ચા કરવામાં આવી હતી.

એન્ટી ડ્રગ્સ અવેરનેસ વિષય પર વેબિનાર

આઈટીમાં એન્ટી ડ્રગ્સ અવેરનેસ વિષય પર વેબિનારનું આયોજન કરવામાં આવ્યું હતું. એન્ટી ડ્રગ્સ વેબિનારમાં નાર્કોટિક્સ કંટ્રોલ બ્યુરોના ઝોનલ ડાયરેક્ટર શૈલેન્દ્રકુમાર મિશ્રાએ કહ્યું કે, ડ્રગ્સ લેનાર વ્યક્તિની સાથે પરિવારને આર્થિક અને સામાજિક રીતે ઘણું નુકસાન વેઠવું પડે છે. સ્ટુડન્ટસે પોતાના સ્વાસ્થ્યના સુખાકારી માટે શારીરિક પ્રવૃત્તિઓ અને સ્વસ્થ આહારની આદત પર ભાર મૂકવો જોઈએ. ડ્રગ્સ લેવાથી કોઈ ફાયદો નથી પણ વ્યક્તિ પોતાના જીવનને ખોટી દિશામાં લઈ જવાનું કાર્ય કરે છે. સ્ટુડન્ટસને ડ્રગ્સ સાથે બીજા નશીલા પદાર્થોનું સેવન કરવા માટે પ્રેરિત કરવામાં આવી રહ્યા છે ત્યારે પરિવારે પોતાના બાળકોને સમજાવીને તેમને આ પ્રકારની ખરાબ વૃત્તિથી દૂર રહેવાની સલાહ આપવી જોઈએ. ડ્રગ્સના વ્યસનને દૂર કરવા અને લોકજાગૃતિ લાવવા માટે સમાજના લોકો સાથે મળીને કામ કરવું જોઈએ.

GITના પૂર્વ વિદ્યાર્થી અને હાલ ઈન્ડિયન નેવીમાં કમાન્ડિંગ ફ્લેગ ઓફિસર ચિંતન છાટબારે કહ્યું

ઈન્ડિયન નેવીમાં જોડાવવાનો ગોલ મેં ધો-૮માં જ સેટ કરી લીધો હતો

તાજેતરમાં ૨,૦૦૦ વિદ્યાર્થીઓની પાસિંગ આઉટ પરેડમાં ચિંતન છાટબારે સિલ્વર મેડલ મેળવ્યો હતો

સિટી લાઈફ ▶ ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજી (જીઆઈટી) ઈસી વિભાગના ઈલેક્ટ્રિમિકી સ્ટાર્ટ ચિંતન છાટબારે ઈન્ડિયન નેવીમાં નિમણૂંક થઈ છે. જીઆઈટીમાંથી ૨૦૧૬માં પાસ થયા પછી ચિંતને ઈન્ડિયન નેવલ એકેડેમી (INA) આસીરોન, કેરળમાં ૨૦૨૦માં ટ્રેનિંગ લીધી હતી. તાજેતરમાં ચિંતનને દરિયાઈ ક્ષેત્રે શ્રેષ્ઠ પર્ફોમન્સ આપવા બદલ સિલ્વર મેડલ એનાયત કરાયો છે અને INA ખાતે ૨,૦૦૦ વિદ્યાર્થીઓમાંને તેને પાસિંગ આઉટ પરેડ પર મુખ્ય સિલ્વર મેડલ કમાન્ડિંગ ફ્લેગ ઓફિસર તરીકે નિમણૂક કરાયો છે. આ અંગે વાત કરતા ચિંતને કહ્યું કે, હું જીઆઈટીમાં ૨૦૧૫-૧૬માં ઈસીમાં ભણ્યાનો અભ્યાસ કરતો હતો. ત્યારથી કમ્પ્યૂટરને ટિક્સ સર્વિસમાં જયારે છ થી અગિયાર મહિના...

આઈસી ફિલ્ડ પસંદ કર્યું અને પાસ કર્યા બાદ કમ્પ્યૂટર ટિક્સ સર્વિસમાં જયારે છ થી અગિયાર મહિના ૨ થી ૨૦ લાખ કર્ન્ટિ જોબ જે નેમથી નોકરી કરવાનું મારો પરિવાર ટિક્સનો છે એટલે મને નાનપણથી જ ઈન્ડિયન નેવીમાં જોડાવવાનું મન હતું. જીઆઈટીમાં ટેકનિકલ નોલેજ અને સૌથી સારો સોર્સ મળતા મારી કૉલેજમાં ઈન્ડિયન નેવીમાં પ્રવેશ મારી જર્ની શરૂ થઈ.

સાઈકોલોજિકલ, ફિઝિકલ, ઈમોશનલ અને મેન્ટલ ટેસ્ટ કરતો ઈન્ટરવ્યૂ પાંચ દિવસ સુધી લેવામાં આવે છે

સિલેક્ટિવ તમામ કેન્ડિડેટને પાંચ દિવસના ઈન્ટરવ્યૂમાં પસાર થવું પડે છે જેમાં સાચા કોલોજિકલ, ફિઝિકલ, ઈમોશનલ અને મેન્ટલ ટેસ્ટ કરવામાં આવે છે. આ ઈન્ટરવ્યૂમાં સર્વાઈવ કરી શકો કારણ કે, કોઈ એક સ્ટેજ પર તો તમારી વાસ્તવિકતા બહાર આવે છે અને જે તમારા એકેડમિક, હિસ્ટ્રી, કેર અવેર, ટેક્નિકલ નોલેજ, કોન્ફિડન્સ, ઈમોશનલ સ્ટેબિલિટી, મળતા, સ્લાબ્ડ ટેસ્ટ અને ઓપન ચાલવવા સુધી ટેસ્ટ લેવાય છે. ઈન્ટરવ્યૂ જેમ જેમ આગળ વધતા જાય આગળ ધીરે વધે છે.ની સામગ્રી સામની કઠવાઈ છે. ત્યારે ઓપન સ્ટેજે ૪૫ સેકન્ડ આપવામાં તેની રકમિનટમાં ૬૦ વાક્યો મહત્વનું બોલવા જરૂરી છે.

સ્કૂલ લેવલથી જ નેવી ઓફિસર બનવાની તૈયારીએ કરી

અત્યાર અને પૂછવામાં આવે કોલાજમ ત્યારે તમે નિયમિત કેટલા કલાક મહેનત કરતા તો હું આકડો ન કહી શકું કારણ ત્યારે તમે કલાક નહી રજે તમારા રક્ષણ રહેવાની ૭માં ધોરણમાં હતો ત્યારે નેવી કરતો આવ્યો છું આજના યુવાનો એન્જિનિયરિંગ જાય એવામાં પણ જલ્દ ખરેખર હોલ પહેલાથી મન નકોઈ સ્ટોપ ખરેખ નથી. આ ઈસી સેક્ટર કર્યા મોટા પ્રમાણમાં ટેકનોલોજી દ્વારાઈનના ઈસોમાં વધુ થાય છે અને ઈન્જ્યોર ઓફિસર બનવું છે. આજ સૌ ફોઈ વિદ્યાર્થીઓમાં ગોલ ડિલિવર હોય જોઈએ.

ડિફેન્સ સેક્ટરને એક્સ્પોઝર મળશે તો દેશના યુવાને દેશને સર્વ કરી શકશે

હું આગળ વધ્યો ડિફેન્સ બાર તૈયારી કરે તો ડિફેન્સ સેક્ટર વિશે યુવાને ખૂબ જ જાગૃત કરવા ગુજરાતીઓની સંખ્યા નેવી સેક્ટરમાં કરિયર કરતા નહીં. આ માટે ગવર્નમેન્ટ દ્વારા વિશે જાગૃતા અને આવો નેવી સંસ્થાઓમાં ડિફેન્સ કરિયર સેક્ટરને એક્સ્પોઝર મળશે તો દેશના યુવાનોને દેશને સર્વ કરી શકશે.

GIT દ્વારા 'એન્ટિ ડ્રગ અવેરનેસ' પર વેબિનાર યોજાયો

સિટી લાઈફ: પ્લેટિનમ ફાઉન્ડેશન સંચાલિત ગાંધીનગર ઈન્સ્ટિટ્યૂટ ઓફ ટેકનોલોજી (જીઆઈટી) સંસ્થા દ્વારા પ્રથમ વર્ષના એન્જિનિયરિંગના વિદ્યાર્થીઓ માટે 'એન્ટિ ડ્રગ અવેરનેસ વેબિનાર'નું આયોજન કરવામાં આવ્યું હતું. આપણી આસપાસ ડ્રગ્સનો ઉપયોગ કરનાર વ્યક્તિના સામાન્ય ચિહ્નો અને લક્ષણો વિશે જાગૃતિ લાવવા તથા વ્યસન દૂર કરવા મદદરૂપ થવા માટેનો આ વેબિનારનો મુખ્ય ઉદેશ હતો. વેબિનારનું આયોજન જીઆઈટીની હેલ્થ કેમ્પસ

કમિટી દ્વારા કરવામાં આવ્યું હતું. વેબિનારના મુખ્ય સ્પીકર તરીકે નાર્કોટિક્સ કંટ્રોલ બ્યુરોના ઝોનલ ડાયરેક્ટર શૈલેન્દ્ર મિશ્રા દ્વારા માર્ગદર્શન આપવામાં આવ્યું હતું. શૈલેન્દ્રભાઈ મિશ્રા દ્વારા ગુજરાત અને ભારતમાં ડ્રગ્સનો દુરુપયોગ કરનારાઓ વિશે અસંખ્ય તથ્યો અને આંકડાઓ શેર કર્યા, વિદ્યાર્થીઓને સ્વસ્થ રહેલા માટે તેમની દિનચર્યામાં શારીરિક પ્રવૃત્તિઓ અને સ્વસ્થ આહારની આદત અપનાવવા પ્રેરિત કર્યા.

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