

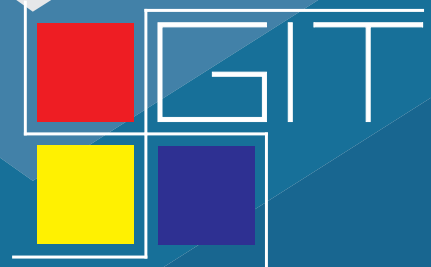
GIT

ISSUE 14 / 2021

A SONG OF TECHNOCRATS

REAP THE FRUITS OF THE SEEDS WE SOW

15 YEARS OF
EXCELLENCE IN
EDUCATION



“WHERE SUCCESS IS A TRADITION”



and the journey continues . . .

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MESSAGE FROM THE TRUSTEE



Shri Hareshbhai Rohera

“Vision is the art of seeing what is invisible to others” - Jonathan Swift

A College magazine is a repository of the heart and soul of the institute. It reflects the life and times of the institute at various periods in its history and is something that students cherish as treasure in their later years. It is heartening to note that our institute has kept this so essential aspect of the traditions alive by publishing the 14th issue of annual memoir - 'GIT - A Song of Technocrats' among my immense pleasure and warmest felicitations.

Turned with our commitment to stride for the never ending scroll of our 15 years of excellence, the present issue too, is enriched with creative potential of the young and energetic students and endless endeavor of enthusiastic faculties. It consists of details about Reports of various Curricular, Co-Curricular and Extra-Curricular activities, Details about Seminars, Workshops and Training programs conducted by the Institute and attended by the faculty members, and technical/ non-technical articles submitted by students and staff members of the Institute.

The institute possesses a state of art infrastructure with equipped laboratories, well stocked library and highly qualified faculty members. We, at GIT introduce our students to the Outcome Based Education and trained with skills in various disciplines. In addition to develop excellent engineering skills, the students are motivated not only to dream big but also encouraged to think unconventionally to face the challenges of the future and provide platform for Entrepreneurship. It has been our constant endeavor to instill in our students ethical values hereby making them socially responsible citizens.

The success of the institute is undoubtedly the outcome of tireless efforts, enthusiastic approach and positive attitude towards one and all shown by the Director Dr. H N Shah. I commend the Magazine team for their efforts and also appreciate their choice of the apt appellation of the magazine. I affectionately congratulate one and all for the same on behalf of Platinum Foundation.

MESSAGE FROM THE TRUSTEE



Shri Ghanshyambhai Thakkar

**“Don't wait for the perfect moment.
Take the moment and make it perfect”
- Zoey Sayward**

It gives me immense pleasure that Gandhinagar Institute of Technology is publishing its 14th issue of the annual magazine 'GIT – A song of Technocrats'. Since its inception in 2006, GIT has made remarkable progress by following the mantra of student centric approach, whether it is in academics or in extra co-curricular activities. We are sure that our 15 years of journey to excellence would continue with faster pace in approaching years with our reinstated commitment to disseminate quality education.

Gandhinagar Institute of Technology always provides a vital platform to the students & academicians to execute their knowledge, skills and talent with the medium of 'GIT-A Song of Technocrats' which is crafted to showcase academics, and co-curricular achievements of students as well as faculty members to emphasize the diversity that the stakeholder brings to the Institute.

We have extremely dedicated team of faculty members who guide, mentor and counsel the students continuously and bring out the best from them. The faculty members also stalwartly believe in attainment of goals and accordingly adapt to changes around, this skill is deftly conveyed to the students as well.

'GIT-A Song of Technocrats' is committed to enhance holistic development including critical thinking, moral reasoning and innovation, performing arts and literary sense and unveils the hidden creative assets within the students under the leadership of Dr. H N Shah, Director GIT and his team.

I also take the opportunity to congratulate the editorial team who could bring out such a brilliant and colorful volume with their sincere and dedicated efforts in a collaborative environment.

MESSAGE FROM DIRECTOR'S DESK



Dr. H N Shah

Gandhinagar Institute of Technology, managed by Platinum Foundation, is one of the leading institutes in Gujarat. I am delighted to write that GIT has come up with its fourteenth edition of magazine "GIT- A Song of Technocrats". GIT has grown continuously over a period of 15 years of its existence and it has been simply unstoppable in its progress. As GIT completes its 15 years of excellence, I am filled with bliss and happiness and express my gratitude to almighty for helping us come full circle. It is due to the contribution of the able leaders, faculty members and parents who work in synchronization to ensure the best learning environment for the heart and soul of the institute-it's students.

The institute has been awarded with "Appreciating Contribution in Education in 2020" by 94.3 MY FM ACE AWARD in the month of September, 2020. Excellence in Engineering Education with Campus Placement has been added to the crown by 94.3 MY FM BUSINESS SOLITAIRE AWARD in February, 2021. GIT is

also well known for the celebration of various festivals and activities. The formation of different cells like IQAC, IPR, SSIIP, IIC, GITAA, WDC, ANVESHAN and many more has taken a fast pace in the development of faculty members and students by organising different workshops, seminars, training programs. The institute has been actively involved in various activities that have brought the hidden talents of our students as well as staff.

This year, our institute organised an online 5 days Short Term Training Program on "Communication Skills and Ethics: A Modern Education Tool in 21st Century", in three different phases, sponsored by All India Council of Technical Education, New Delhi, which helped to get wonderful insights to all the participants across India. An online Faculty Development Program on "Post Lockdown Trends in CAD/CAM and Manufacturing for MSME" was also organised with the sponsorship of AICTE AND GTU. The institute has also organised many webinars under the sponsorship of GUJCOST and DST in the academic year 2020-21. The success of such events always encourage us to reach greater heights and bring triumph to the institute.

I would also like to show my gratitude to everyone helping us deploy the entire institute in response to the coronavirus (COVID-19). In the challenging times, the collective efforts have helped us to make a smooth transition from offline to online education system. It was all due to the dedication, perseverance and strong determination of all the faculty members and staff. At a time of great need, the faculties took their first step forward with flexibility. To keep our learning management smooth, we wholeheartedly accepted the online teaching platforms such as Google Meet and MS Teams keeping in mind the decorum of offline Classrooms.

The Trustees of Platinum Foundation always extend their helping hand and motivate to reach the zenith in academics and non-academics areas of the institute.

The ultimate gift that we can give the world is to help our students to become independent thinkers, compassionate doers, conscious questioners, radical innovators and passionate peacemakers. The magazine is due to the combined efforts of the Editorial team and I take this opportunity to thank each contributor for making this 14th issue of the magazine possible amidst readers.

Happy Reading!!!

FROM THE EDITOR'S PEN

We are happy to present our fourteenth issue of the magazine 'GIT- A Song of Technocrats'. The annual magazine endeavors to reflect the values and the quality of the institution. It is an amalgamation of students and faculty achievements, cells and club activities, webinars, expert lectures as well as highlights of the institution done in the last academic year. The magazine brings to focus the hidden talents of the budding engineers through their literary and creative pieces. It is cheering to see such a great collection of talent among the students and faculty members.

We hope that as our family grows, future editions of this magazine will be much richer in variety and content. We would like to show our gratitude to the management for their great support. We also thank our director of the institute Dr. H N Shah for being a source of constant inspiration in this initiative. Prof. Mitul Maniar has always extended his help in giving the magazine, its present form and shape. We would like to thank all the students and faculty members for their contribution in the form of articles, poems, stories, drawings and all other things

The success of this effort to bring out 'GIT- A Song of Technocrats' is the result of dedicated team work put in by all concerned. The Editorial team feels privileged in presenting this issue.

Enjoy the gems of "GIT- A Song of Technocrats"!!!



Dr. Nirupama Patel (M&H)
Chief Editor



Dr. Sneha Patel (M&H)
Editor



Ms. Rupam Sikligar
Member



Prof. Mitul Maniar
Member

ORIENTATION PROGRAMME 2020

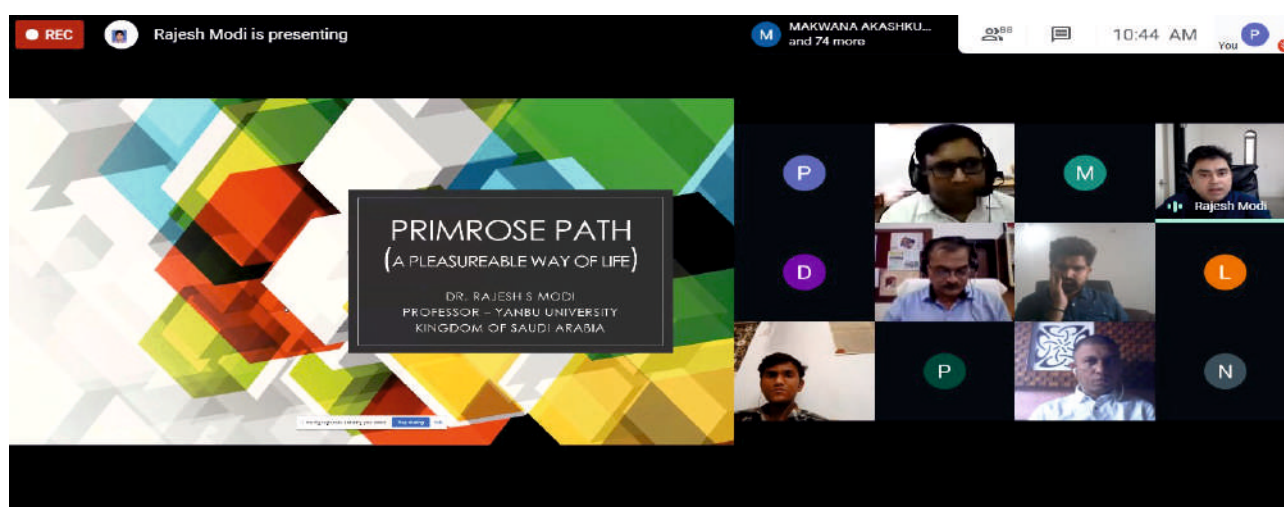
Due to the critical times of pandemic situation, a two days Orientation Programme was organized on the virtual platform on 10th and 11th December, 2020. It was started with an “Aarambh”- GIT Documentary Film: A digital way of GIT MBA department to welcome new students to virtual campus tour followed by Sarasawti Vandana and Deep Pragatyam in presence of Dr. H N Shah-Director GIT, Dr. Rajesh Modi- Eminent Professor, Dr. Milan Shah-HOD MBA, Mr. Snehal Barot-TPO and all faculty members of MBA department.

Dr. H N Shah- Director, GIT briefed the students about the guidelines, rules and regulations of campus with special reference to mandate issued by Govt. of India regarding Ragging and Covid-19. Dr. Rajesh Modi- a key note speaker welcomed and congratulated students for taking MBA as their career option and presented “Dominos” effect, list of good websites and good books for MBA. He put emphasis on research work.

Dr. Milan Shah, HOD briefed the students about the development and success that GIT has achieved since its inception in 2006. He also briefed about the central library, services and facilities available at GIT. Mr. Snehal Barot- TPO briefed about campus placement policy and procedure. Dr. Nehal Shah concluded with vote of thanks followed by National Anthem.

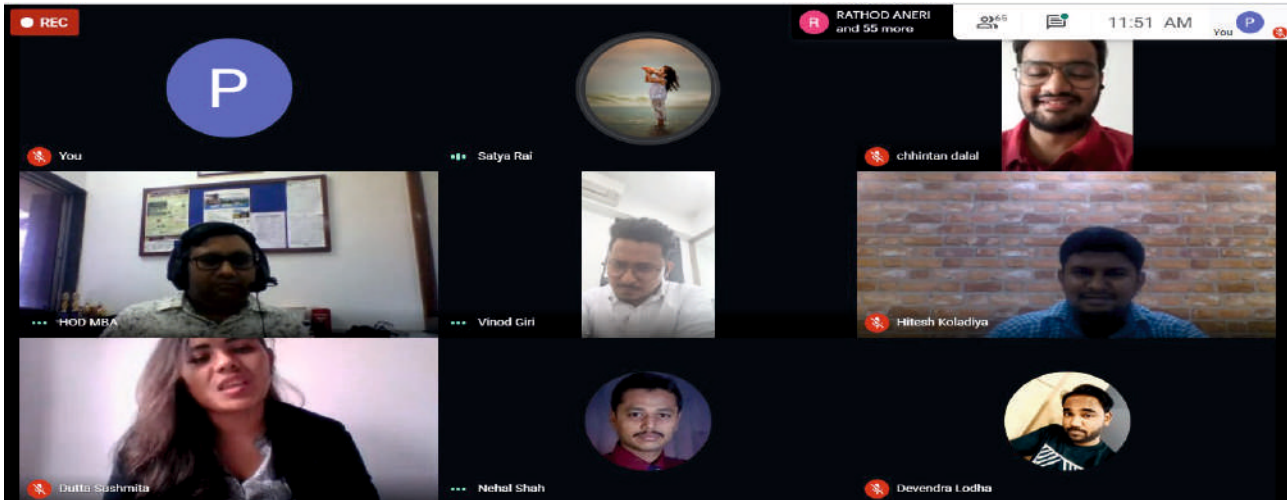
The 1st day post lunch session started with “Senior Vani” – a Brief Introduction of Seniors, followed by “Abhivvyakti” – an Introduction of Juniors. At the end of the day “Alumni Talk” – MBA Batch 2018-20 was organized to share their thoughts and practical corporate exposures to the new comers.

On the 2nd day, Mr. Vivek Randeria, a Renowned Corporate Trainer delivered expert advice on “Digital Learning – The New Normal” by giving glimpse of corporate culture and prerequisite for entering into the corporate world. Mr. Subhanish Malhotra, Assistant Vice President, Welspun India Ltd. delivered talk on “What Corporate expects from B-Schools?” In “Alumni Talk” – MBA Batch 2017-19, the students shared their one-year journey to the corporate world along with the importance of the college life at GIT. Then, Mr. Subodh Kumar, Gujarat Head-Strategy, Planning & Business Expansion, Times Group shared his wonderful thoughts on the “Reading Business News” by throwing lights on the importance of Business Newspaper in our life.

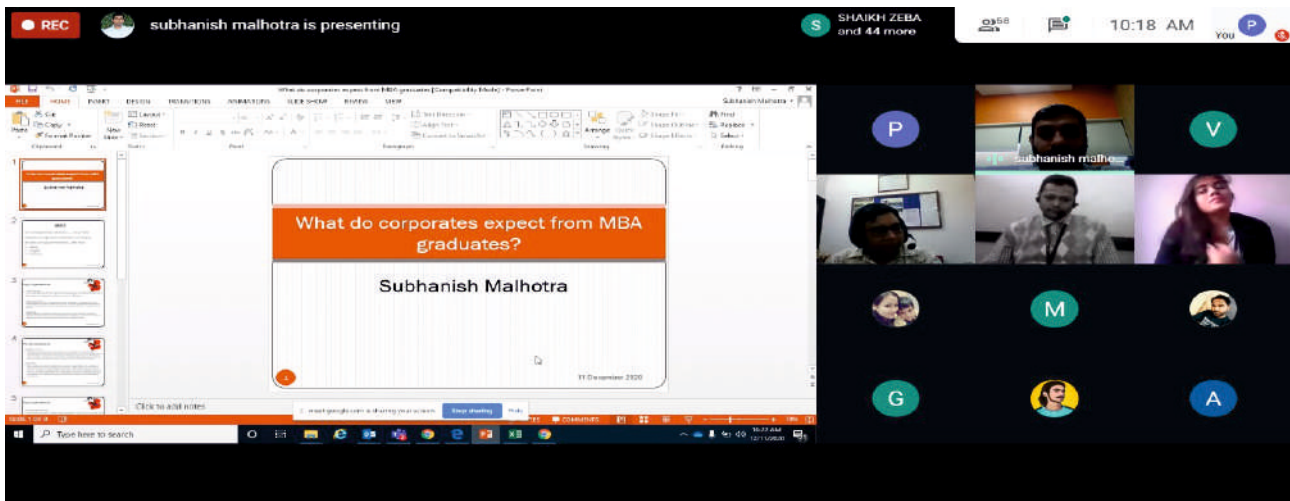


Dr. Rajesh Modi, addressing the Students

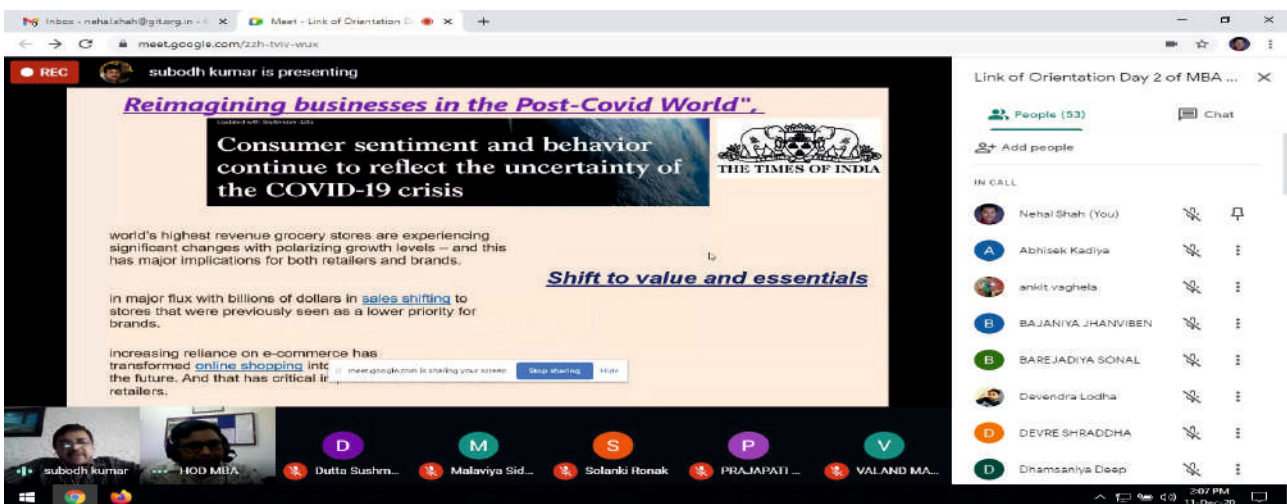
ACADEMICS AND RESEARCH ACTIVITIES



Alumni Talk- Shepharding the Juniors



Mr. Subhanish Malhotra, mentioning Skill Sets for MBA



Mr. Subodh Kumar- Discussing Importance of Contemporary Knowledge

PRIDE OF GIT

Ph.D Awardee Faculty

A study on compulsive and impulsive buying behavior of consumers in Gujarat state in retail mall with special focus on FMCG Products

Compulsive shopping and spending make a person generally feel worse. It has some of the same attributes as alcohol consumption, gambling and overeating addictions which is close to other addictive behaviour. While impulse purchase or impulse buying, a decision to purchase a product or service just before purchasing is unplanned. So far studies have been made to identify the compulsive and impulsive behaviour in the world. But still, efforts are required in compulsive purchase. As far as the research is concerned, a limited amount of research has been done in India and especially in Gujarat for Compulsive and Impulsive buying behaviour together. The data have been collected by using descriptive research as a research method, non-probability convenience sampling as a sampling method, questionnaire as a research instrument, customers of various malls as a sample unit, total 950 respondents from different major cities as sample size & area and collect the primary data through survey & secondary data from web sites, books, magazines etc. as data sources. Different factors of compulsive and impulsive buying behaviour have been extracted by using exploratory factor analysis and confirmatory factor analysis which is used to evaluate the influences of a set of variables observed. Data reliability and validity are checked by using SPSS and the AMOS. The findings have shown that compulsive and impulsive buying behaviour among consumers has a significant impact on different factors. This PhD Thesis will surely help retailers or advertisers to consider what kind of consumers will buy compulsively and what kind of consumers will buy impulsively. This study will be useful to consumers who are attracted by different offers to purchase compulsively and impulsively.

Dr. Prashant Pandya
Management, M&H

PAPER PUBLICATION

National Level Conference/Journal/Seminar

NAME OF FACULTY	TITLE OF PAPER	ISSN NUMBER	JOURNAL NAME	VOLUME/PAGE NO	PUBLICATION MONTH/YEAR
Prof. Krishna Hingrajiya	Augmented reality: Survey, Application and Recent Advances	2249-6157	JET(GIT-Journal of Engineering and Technology)	Volume 12 (P.5-12)	Sept 2020
Prof. Raxit Jani	A Survey on Low Latency, Energy Efficient MAC Protocols for Wireless Sensor Network	2249-6157	JET(GIT-Journal of Engineering and Technology)	Volume 12 (P.65-68)	Sept 2020
Prof. Jalay Maru and Prof. Dhaval Vaja	Clustering in Data Mining: A Brief Review	2249-6157	JET(GIT-Journal of Engineering and Technology)	Volume 12 (P. 21-24)	Sept 2020

ACADEMICS AND RESEARCH ACTIVITIES

Prof. Mukesh Parmar, Prof. Birendra Zala and Prof. Nishith Parmar	A Survey of Video Object Tracking Methods	2249-6157	JET(GIT - Journal of Engineering and Technology)	Volume 12 (P.112-117)	Sept 2020
Prof. Krishna Hingrajiya and Prof. Anirudhdha Nayak	Security Based Blockchain Approaches for Verification of Smart Contracts	2249-6157	JET(GIT - Journal of Engineering and Technology)	Special Edition ICDSIA Volume 12 -1 (P. 33-35)	Sept 2020
Zalak Toke and Prof. Raxit Jani	Clustering with LEACH in Wireless Sensor Network	2249-6157	JET(GIT - Journal of Engineering and Technology)	Special Edition ICDSIA Volume 12 -1 (P.5-8)	Sept 2020
Prof. Raxit Jani and Ramesh Prajapati	Energy Efficient and Fast Data Transmission Techniques for Wireless Sensor Networks	2249-6157	JET(GIT - Journal of Engineering and Technology)	Special Edition ICDSIA Volume 12 -1 (P. 17-20)	Sept 2020
Prof. Dhaval Vaja and Prof. Mukesh Parmar	An Effective Encryption Algorithm for Cloud Data Security in Cloud Architecture - A Survey	2249-6157	JET(GIT - Journal of Engineering and Technology)	Special Edition ICDSIA Volume 12 -1 (P. 9-11)	Sept 2020
Grishna Rajput, Malhar Prajapati, Shrinall Patel and Prof. Shreya Patel	Image Mapping	2249-6157	JET(GIT - Journal of Engineering and Technology)	Special Edition ICDSIA Volume 12 -1 (P. 36-38)	Sept 2020
Dr. Rajan Patel	An Optimal Resource Utilization in Cloud Computing by Efficient Scheduling of Incoming Tasks Using Clumping of Tasks	2249-6157	JET(GIT - Journal of Engineering and Technology)	Special Edition ICDSIA Volume 12 -1 (P. 54-58)	Sept 2020
Prof. Rahish Silavat, Prof. Hitesh Manani and Prof. Naitik Trivedi	Design & Implementation of Reactive Power compensation using FC - TCR	2249-6157	JET(GIT - Journal of Engineering and Technology)	Volume 12 (P.25-31)	Sept 2020

ACADEMICS AND RESEARCH ACTIVITIES

Prof. Pooja Shah and ,Prof.Vaibhavi Ghariya	Anonymizing Sensitive Based Features using Hadoop MapReduce	2249-6157	JET(GIT- Journal of Engineering and Technology)	Volume 12 (P. 50-55)	Sept 2020
Prof.Vaibhavi Ghariya and Prof. Pooja Shah	Analysis of Data Leakage Prevention	2249-6157	JET(GIT- Journal of Engineering and Technology)	Volume 12 (P. 47-49)	Sept 2020
Prof. Madhuri Chopade	Cloud Migration Technologies and Implementation	2249-6157	JET(GIT- Journal of Engineering and Technology)	Volume 12 (P.43-46)	Sept 2020
Prof. Prakash Patel	Survey to Augment Cluster-Head Selection in Wireless Sensor Networks with the Use of Hybrid Meta heuristic Algorithms	2249-6157	JET(GIT- Journal of Engineering and Technology)	Volume 12 (P. 79-83)	Sept 2020
Prof. Anirudhdha M. Nayak	Use Casepoint Effort Estimation Method using the Case of University Attendnace Management System use Case Diagram	2249-6157	JET(GIT- Journal of Engineering and Technology)	Volume 12 (P.84-89)	Sept 2020
Krutang Desai, Khyati Pamnani and Prof. Anirudhdha M. Nayak	A Novel Approach on Implementing Accident Alerts and Emergency Management Mechanism using IOV and VANETS	2249-6157	JET(GIT- Journal of Engineering and Technology)	Special Edition ICDSIA Volume 12 -1 (P.51-53)	Sept 2020
Prof. Chintan Barelwala	Ultrasonic Testing of Castings in Foundries	0379 – 5446	Indian Foundry Journal	Volume 66 Issue 7 (P. 28 – 32)	July 2020
Prof. Chintan Barelwala and Darshit R. Khalas	Optimization and Analysis of Square and ACME Threaded Power Screw with Hallowness	2249 – 6157	JET(GIT- Journal of Engineering and Technology)	Volume 12 (P. 104-111)	Sept 2020
Prof. Ruchir Parikh and Prof. Shaival Parikh	Performance Enhancement using TiO2 Nanoparticles in Solar Still at Variable Water Depth	DOI: 10.1080/01430750.2021.1873853	Internationa l Journal of Ambient Energy	Online	Jan 2021
Prof. Chintan Barelwala	Aluminium Alloy Casting Practices in Indian Foundries	0379 – 5446	Indian Foundry Journal	Volume 67 Issue 6 (P. 33 – 37)	June 2021

ACADEMICS AND RESEARCH ACTIVITIES

International Level Conference/Journal/Seminar

NAME OF FACULTY	TITLE OF PAPER	ISSN NUMBER	JOURNAL NAME	VOLUME /PAGE NO	PUBLICATION MONTH/YEAR
Dr. H. N. Shah and Dr. Rajan Patel	Data Science and Intelligent Applications (ICDSIA -2020 Proceedings)	eBook ISBN: 978 - 981-15-4474-3	Series: Lecture Notes on Data Engineering and Communications Technologies, Series ISSN 2367-4512, Springer, Singapore (Scopus Indexed)	PP.1-576	July 2020
Prof. Raxit Jani	Scheduling with Multiple Channels for Rapid Convergecast in Wireless Sensor Networks	2349-5162	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 7 Issue 12 (P.708 - 716)	Dec 2020
Prof. Krishna Hingrajiya	Comparative Study of Digital Image Forgery Detection Techniques	ISBN:978 - 1-7281-7742-7	International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE 2021)	IEEE Publication (P. 83-86)	April 2021
Prof. Sejal Bhavsar	Design and Development of Framework for Platform Level Issues in Fog Computing (Reprinted Chapter)	ISBN 13: 9781799853398	Research Anthology on Architectures, Frameworks, and Integration Strategies for Distributed and Cloud Computing	Volume 4 (P.429 - 451)	March 2021

ACADEMICS AND RESEARCH ACTIVITIES

Prof. Maitri Patel and Dr . Rajan Patel and	Improved Identity Based Encryption System (IIBES): A Mechanism for Eliminating the Key -Escrow Problem	2610 -9182	Emerging Science Journal	Volume 5, Issue 1, (P. 77 – 84)	Feb 2021
Parth Vinayak Brahmhatt and Dr. Rajan Patel	Intelligent Data Delivery in Internet of Things (IoT) using Hyper -Converged Infrastructure	0038 -111X	Solid State Technology	Volume 63 Issue 6 (P.19261 -19270)	Nov 2020
Prof. Prakash Patel	Diagnosis of Pneumonia on Human Chest through X -ray using CNN Algorithm of Deep Learning	2455 -2631	International Journal of Science & Engineering Development Research	Volume 6 Issue 2 (P.257 - 262)	Feb 2021
Prof. Pooja Shah	Harvesting Social Media Sentiment Analysis to Enhance Stock Market Prediction using Deep Learning	23765992	PeerJ Computer Science	Volume7 ; 2021	April 2021
Prof. Amit R Patel	Laser Machining of Die Steel (En-31): An Experimental Investigation to Study the Effect of Process Parameters	E- ISSN:2374 - 0698	Advances in Materials and Processing Technologies		Oct 2020
Prof. Amit R Patel	Experimental Investigation to Optimize Laser Cutting Process Parameters for Difficult to Cut Die Alloy Steel using Response Surface Methodology	E- ISSN:2214 - 7853	Materials Today: Proceedings	Volume 43, Part 1, 2021, (P.28 - 35)	Dec 2020
Prof. Amit R Patel	Laser Machining of Die Steel (EN-31): An Experimental Approach to Optimise Process Parameters using Response Surface Methodology	2229 -8649	International Journal of Automotive and Mechanical Engineering	Volume 18, Issue 1, (P. 8563 – 8576)	Jan 2021
Dr. Virendra N. Chavda	Assessment of Factors Affecting Adoption of Online Education	2147 - 6454	TOJDEL (The online journal of distance education and e- learning)	Volume 9, Issue 2, (P. 208 – 220)	April – June 2021
Dr. Mihir Suthar	General Approach of Retailer Credit Period and Ordering Policy for Non - Instantaneous Deteriorating Items having Ramp Type Demand Pattern	2277 -1387	Journal of Supply Chain Management Systems	Volume 9 Issue 2&3 (P. 20 - 27)	April and July 2020

INTERNATIONAL PRESENTATION

NAME OF STUDENT	TITLE OF PAPER	CONFERENCE NAME	MONTH/YEAR
Ashish Bhagchandani (170120116002)	Machine Learning Model for Predicting Social Media Influence on Sports	International Conference on Science, Technology and Management” at Abu Dhabi, UAE.(ICSTM -20)	27-28 April, 2020

BOOK CHAPTER

NAME OF STUDENTS	CHAPTER TITLE	BOOK NAME/ ISBN No.	VOLUME/ PAGE NO.	PUBLICATION MONTH/YEAR
Bariya Amarbhai Mangalbhai (180123119005)	“Renewable Energy: World’s Most Required Technique to Hoard Electricity	“Advances in Renewable Energy Engineering” 978 - 93-90846-64-1	Volume 4 Pg. No.1-22	May 2021
Adaki Krinal Kashinath (180123119001)				
Belim Iliyasbhai Umarbhai (180123119006)				
Bhavsar Maulik Umeshkumar (180123119008)				
Ghodeswar Kunal Gajanan (180123119012)				

FACULTY ACHIEVEMENTS

Name of faculty	Department	Achievement/Event Name
Dr Rajan Patel	CE	Received an Elite certification of NPTEL-AICTE FDP (sponsored by MHRD) on "Patent Drafting for Beginners", from 18th Jan - 12th Feb 2021
Prof. Rahul Vaghela	IT	Delivered Expert Lecture in a two-day state level webinar on "Demystifying Data Science using Machine Learning" Sponsored by GUJCOST and DST on 28 th October, 2020
Dr. Nisha Khurana	IT	Invited as a Member of Board of Studies at School of Computer & Informative Sciences, Sabarmati University, Ahmedabad on 11 Dec. 2020
Prof. Rohit Singh	IT	Delivered Expert Lecture in a two-day state level webinar on "Hands on ML using R" sponsored by GUJCOST and DST on 23 rd Oct. 2020
Prof. Sumedha Mahajan	CL	Received NPTEL Mentor Certification in "Project Planning & Control" in Dec 2020.
Prof. Sumedha Mahajan Prof. Pooja Patanwal	CL	Awarded certificate on completion of online course on "Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials", conducted by Indian Institute of Remote Sensing (IIRS), during 13 th June to 1 st July 2020 at IIRS outreach network centre, Gandhinagar Institute of Technology.
Prof. Pooja Patanwal	CL	Awarded certificate on completion of online course on "Remote Sensing Applications in Agricultural Water Management", conducted by Indian Institute of Remote Sensing (IIRS), during 3 rd to 7 th Aug. 2020 at IIRS outreach network centre, Gandhinagar Institute of Technology.
Prof. Pooja Patanwal	CL	Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Infrastructure Engineering" from 12 th to 16 th Oct. 2020 at Birla Vishvakarma Mahavidyalaya
Prof. Sandip Kapadiya Prof. Juhil Kapatel	CL	Delivered an Expert Talk in Webinar " Innovation in Concrete Construction" on 6 th -7 th November 2020, at Gandhinagar Institute of Technology, Gandhinagar
Prof. Mrugesh Khatri	ME	Completed Certificate Course on Nurturing Innovation and Startup Ecosystem (NISE) organized by i-Hub, Government of Gujarat Enterprise from 8 th Sept. to 23 rd Oct. 2020
Prof. Ruchir Parikh Prof. Shaival Parikh	ME	Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Green Technology & Sustainability Engineering (Energy Conservation and Renewable Energy for Sustainable Development)" from 15 th Dec. to 19 th Dec. 2020
Prof. Amit Patel	ME	Awarded Elite Silver Certificate on Successfully completion of 4-week NPTEL Course on "Patent Drafting for Beginners"
Prof. Amit Patel	ME	Delivered an expert lecture on "Artificial Intelligence in Robotics" during AICTE & GTU Sponsored Six Days Online FDP on "Post Lockdown trends in CAD/CAM and Manufacturing for MSME" from 18 th Jan. to 23 rd Jan. 2021.
Prof. Chintan Barelwala	ME	Delivered an expert lecture on "Digital Manufacturing" during AICTE and GTU Sponsored Six Days Online FDP on "Post Lockdown trends in CAD/CAM and Manufacturing for MSME".
Prof. Chandrakant Bhatia	ME	Delivered an expert talk on "Concepts of Lean and Six Sigma in modern manufacturing and service Industry during AICTE & GTU Sponsored Six Days Online FDP on "Post Lockdown trends in CAD/CAM and Manufacturing for MSME" from 18th Jan. to 23rd Jan.2021.
Prof. Dhaval Patel	ME	Delivered an expert lecture on "Capabilities of Solidworks" during AICTE and GTU Sponsored Six Days Online FDP on "Post Lockdown trends in CAD/CAM and Manufacturing for MSME" from 18th Jan. to 23rd Jan. 2021.

ACADEMICS AND RESEARCH ACTIVITIES

Prof. Dhaval Patel	ME	Delivered an expert lecture on "Capabilities of Solidworks" during AICTE and GTU Sponsored Six Days Online FDP on "Post Lockdown trends in CAD/CAM and Manufacturing for MSME" from 18th Jan. to 23rd Jan. 2021.
Prof. Jatin Patel	ME	Delivered expert lecture on "Creative Reverse Engineering Ideas using 3D Printing" during AICTE and GTU Sponsored Six Days Online FDP on "Post Lockdown trends in CAD/CAM and Manufacturing for MSME" from 18th Jan. to 23rd Jan.2021.
Dr. Nirupama Patel Dr. Sneha Patel	MH	Delivered expert lectures in AICE Sponsored Six Days Online STTP on "Communication Skills and Ethics: A Modern Education Tool in 21 st Century" in three different phases from 28 th Dec 2020 to 2 nd Jan 2021, 18 th to 23 rd Jan, 2021 and 1 st to 6 th Feb, 2021 respectively.
Dr. Prashant Pandya Dr Mihir Suthar	M&H	"Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) in different phases.
Prof. Juhil Kapatel Prof. Paresh Umredkar Prof. Sandip Kapadiya Prof. Sumedha Mahajan Prof. Pooja Patanwal	CL	"Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) in different phases.
Prof. Raxit Jani Prof. Maitri Patel Prof. Krishna Suchak Prof. Parita Shah Prof. Jalay Maru Prof. Hetal Shah Prof. Shreya Patel Prof. Sejal Bhavsar Prof. Margil Shah Prof. Dhaval Vaja	CE	"Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) in different phases.
Prof. Reshma Kalani Prof. Prakash Patel Prof.Pooja Shah Prof. Madhuri Chopade Prof. Rohit Singh Dr. Nisha Khurana Prof. Nishith Parmar Prof. Anirudhdha Nayak	IT	"Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) in different phases.
Prof Hitesh Manani Prof. Chintan Patel Prof. Megha Desai Prof. Mitul Maniar	EE/EC	"Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) in different phases.
Prof Mrugesh Khatri Dr Nimesh Gajjar Prof.Chandrakant Bhatia Prof. Amit Patel Prof. Shaival Parikh Prof. Manthan Upadhyay Prof. Harshal Oza	ME	"Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) in different phases.

ACADEMICS AND RESEARCH ACTIVITIES

STUDENTS' ACHIEVEMENTS

CIVIL ENGINEERING

Name	Enrollment No.	Achievement/Event Name	Grade
Dhruvil Devani	160120106017	NPTEL Certification for "Project Planning & Control" in Sept. to Nov. 2020- Gold	Elite Certificate
Harsh Gopani	160120106023	NPTEL Certification for "Project Planning & Control" in Sept. To Nov. 2020- Silver	Elite Certificate

COMPUTER ENGINEERING

Name	Enrollment No.	Achievement/Event Name	Grade
Vishwas Shukla	190120107159	Examination In Music Performance for Best Electronic Keyboard	1 st (Winner)
Smiriti Singh	180120107164	GIT-Github Club, In Association with Github India and Incubate IND, Code Innovation Series Hackathon	1 st (Winner)
Priya Vardhan	190120107160	Patriotic Poem competition on Independence	1 st (Winner)
Shreya Maruti Sidabache	180124107001	Galantrix Event in LD College	1 st (Winner)
Dabhi Ayushi	200120107120	Spectrum-Virtual Jazba	2 nd (Winner)
Priya Vardhan	190120107160	Grab Your Clue - Techxtreme 2020	2 nd (Winner)
Shrushti Vadher	180120107181	AWS Fundamentals Cybersecurity And IOT Programming For Everybody Web Development Python Data Structures	Coursera Certificates

ELECTRICAL ENGINEERING

Name	Enrollment No.	Achievement/Event Name	Grade
Shaema Vora	170120109010	Interfacing With Arduino using Python to Access the Web Data Interfacing With Raspberry Pi	Coursera Certificates
Yusuf Pulawvala	180120109002	Founder of Burhani Foundation and Actively participated as Volunteer in Civil Hospital During Covid 19	-

ACADEMICS AND RESEARCH ACTIVITIES

ELECTRONICS & COMMUNICATION ENGINEERING

Name	Enrollment No.	Achievement/Event Name	Grade
Mishra Gourav, Singh Sanjana	180120111003, 180120111008	First Prize of Rs. 10000 For 'GIT Vs COVID -19 Ideathon' In Innovation Domain. Event Organized by SSIP GIT.	1 st (Winner)
Singh Sanjana	180120111008	"ART-A-THON 2.0" Event on the "Mental Health" Theme for her Painting Titled "Embrace Life - Addressing Mental Health Issues", organized by High on Life Foundation	1 st (Winner)
Singh Sanjana	180120111008	First Prize in WDC Logo Making Competition, organized by WDC GIT.	1 st (Winner)
Pranjal	200120111017	National Level 4 -Day Intensive Tech Challenge organised by Github Developer Tech Camp	7 th Position in National Level Event
Bajpai Aditya	180123111001	M2M Challenge By I-Hub (Gog Enterprise). Proposed "Drone Based Surveillance in Rann and Creek Area" Under Defence Category	Cleared The Final Round and Got Fund Approval Worth Rs 4,19,700/-
Pranjal	200120111017	Pan-India in Incubateind Developer Tech Camp (IDTC)	10 th Position at National Level
Tharakan Sreeraj Patel Twisha	180120111010, 180120111005	"GIT Vs COVID Ideathon' 21" in Hardware Category for Project Titled "IoT & UV Based Mask Disposal and Segregation System"	1 st (Winner)

INFORMATION TECHNOLOGY

Name	Enrollment No	Achievement/Event Name	Grade
Ashish Bhagchandani	170120116002	Received AICTE TGS For Student Grant for Presenting Paper at "International Conference on Science, Technology and Management" At Abu Dhabi, UAE.	Grant received upto 1 lac
Krushali Talaviya	200120116002	Poster Design at National Level Technical Event "Tech-Tantra 2k21"	3 rd (Winner)
Mustali Chunawala	200120116005	NPTEL Certification for "Data Science for Engineers"	Elite Silver Certificate

ACADEMICS AND RESEARCH ACTIVITIES

MECHANICAL ENGINEERING

Name	Enrollment No.	Achievement/Event Name	Grade
Bariya Amarbhai	180123119005	Students have been working on a Project Entitled "Nano-Structured Thin Film to Enhance the Efficiency of The Solar Panel" under the SSIP Cell- Forensic Innovation Centre of National Forensic Sciences University	Received The Grant of Rs 60,000
Adaki Krinal	180123119001		
Belim Iliyasbhai	180123119006		
Bhavsar Maulik	180123119008		
Ghodeswar Kunal	180123119012		
Gandhi Yugma	170120119017	"UAV For Seed Dispensing" on 22/03/2021 (Application No - 341236-001)	Design Patent Filed
Shah Nirmit	170120119087		
Shah Devansh	170120119089		
Gandhi Meet	170120119016		
Chorge Abhishek	170120119010	"Agriculture Seed & Fertilizer Feeder with Linear" on 24/03/2021 (Application No -341395-001)	Design Patent Filed
Shah Aashay	170120119084		
Savani Parth	170120119083		
Rajput Adarsh	170120119079		
Dave Jay	170120119014	"Portable Sanitization Tunnel" on 24/03/2021 (Application No - 341409-001)	Design Patent Filed
Gounder Karan	170120119021		
Panchal Viren	170120119041		
Pandey Rahul	160120119072	"Cloth Ironing and Folding Machine" on 22/03/2021 (Application No - 341217-001)	Design Patent Filed
Pandya Nihar	150120119105		
Parmar Urvesh	150120119110		
Rathod Utam	150120119060		
Soni Janardan	190123119039	"Wall Clock" on 25/03/2021 (Application No - 341478-001)	Design Patent Filed
Hingu Abhishek	190123119003		
Rami Tirth	190123119014		
Patel Dharmik	190123119013		
Rana Mihir	190123119015		
Pandya Yash	170120119045	"Agriculture Seed & Fertilizer Feeder with Linear" on 24/03/2021 (Application No -341395-001)	Design Patent Filed
Patel Deep	170120119051		
Patel Jaiminkumar	170120119055		
Patel Joy	170120119059		
Patel Jeetkumar	170120119058		
Dave Jay	170120119014	GIT Vs Covid 19 Hackathon "Portable Sanitization Tunnel"	1 st (Winner)
Gounder Karan	170120119021		
Panchal Viren	170120119041		

MASTER OF BUSINESS ADMINISTRATION

Name	Enrollment No.	Achievement/Event Name	Grade
Majithiya Dhaval	187150592019	GIT V/S. COVID 19 Ideathon in Entrepreneurship Category	1 st (Winner)
Valand Maulik	207150592002	Critical Thinking : An event under "Drug Abuse & Fitness Awareness Programme" organized by GIT on 5-3-2021	2 nd (Winner)



MERITORIOUS STUDENTS

CIVIL ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
200120106005	Patel Harsh	8.90
200120106002	Patel Rushi	8.71
200120106001	Panchal Devansh	8.29
200120106006	Swami Sourabh	8.29
200120106003	Sharma Ankit	8.10

SEMESTER 2

Enrollment No.	Name	SPI
190120106011	Sheth Dhruvi	8.89
190120106001	Chaudhari Partik	8.50
190120106012	Sompura Achal	8.33
190120106004	Doshi Agam	8.28
190120106006	Panchal Vidhi	8.22

Enrollment No.	Name	SPI
190120106011	Sheth Dhruvi	9.00
200120106536	Chakrabarti Ayushi	7.83
200120106510	Panchal Ketul	7.78
190120106010	Ramani Lija	7.70
190120106005	Lakhariya Hitanshi	7.52
200120106505	Baldaniya Ravi	7.52

SEMESTER 4

Enrollment No.	Name	SPI
180120106007	Jain Darshil	9.48
180120106019	Rajput Abhishek	8.83
180120106012	Maru Gunjal	8.61
180120106011	Makwana Shakti	8.52
180120106008	Koradiya Neha	8.30
190123106004	Vaja Meghaben	8.30

SEMESTER 5

Enrollment No.	Name	SPI
180120106007	Jain Darshil	8.52
180120106012	Maru Gunjal	8.35
170120106006	Chaudhary Meet	8.24
180120106019	Rajput Abhishek	7.96
190123106018	Sharma Nirav	7.95

SEMESTER 6

Enrollment No.	Name	SPI
170120106029	Patel Mitali	9.37
170120106015	Kathiriya Pooja	9.23
170120106021	Mody Zalak	9.13
170120106024	Parmar Abhi	9.00
170120106043	Shukla Meet	9.00
170120106003	Banjara Bhupendra	9.00

SEMESTER 7

Enrollment No.	Name	SPI
170120106015	Kathiriya Pooja	9.23
180123106009	Rathod Namrata	9.12
170120106037	Rathod Ajay	9.08
180123106012	Shah Mohil	9.00
170120106017	Mandliya Harsh	8.88
170120106024	Parmar Abhi	8.88
170120106025	Patel Isha	8.88

SEMESTER 8

Enrollment No.	Name	SPI
160120106044	Panchal Darshan	10
160120106055	Patel Keyurbhai	10
160120106066	Prajapati Kush	10
160120106007	Bhatt Mandakini	9.85
160120106029	Jyoti Jain	9.85

COMPUTER ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
200120107020	Patel Sakshi	10
200120107041	Vaghela Harshrajsinh	9.79
200120107070	Panchal Bhavy	9.53
200120107083	Patel Prerak	9.47
200120107087	Pancholi Jinal	9.32
200120107102	Devnani Shalini	9.32

SEMESTER 2

Enrollment No.	Name	SPI
190120107159	Vishwas Shukla	10
190120107020	Debasish Borah	9.75
190120107001	Adwani Ritesh	9.60
190120107029	Dave Prakruti	9.60
190120107151	Shah Tanay	9.55
190120107166	Priyam Soni	9.55

SEMESTER 3

Enrollment No.	Name	SPI
190120107001	Adwani Ritesh	9.00
190120107166	Priyam Soni	8.61
190120107062	Keswani Ankita	8.57
200120107536	Patel Vidhi	8.57
190120107003	Aherraos Suraj	8.52

SEMESTER 4

Enrollment No.	Name	SPI
180120107164	Singh Smriti	9.87
180120107048	Goel Shrey	9.83
180120107179	Turakhia Dhruvi	9.83
180120107005	Agrawal Harsh	9.61
180120107104	Patel Dhruv	9.61
180120107117	Patel Krutarth	9.61

SEMESTER 5

Enrollment No.	Name	SPI
180124107001	Sidabache Shreya	9.43
180120107097	Pandya Pavan	9.39
180120107179	Turakhia Dhruvi	9.39
180120107140	Rajyaguru Dhanraj	9.35
180120107164	Singh Smriti	9.17

SEMESTER 6

Enrollment No.	Name	SPI
170120107010	Banugaria Shrey	10
170120107087	Panchal Dhruv	10
170120107148	Salot Niyati	10
170120107033	Dungrani Mohit	9.79
170120107044	Gupta Maansi	9.79
170120107049	Jagani Keval	9.79
170120107169	Somai Rohan	9.79
180123107014	Sananse Jahnvi	9.79

SEMESTER 7

Enrollment No.	Name	SPI
170120107049	Jagani Keval	9.82
170120107048	Hudani Abhee	9.79
180123107014	Sananse Jahnvi	9.57
170120107039	Goel Puja	9.46
170120107004	Ajmeriya Pratik	9.39
170120107169	Somai Rohan	9.39
170120107185	Vashi Vinit	9.39

SEMESTER 8

Enrollment No.	Name	SPI
160120107143	Shah Rainam	10
160120107181	Vora Virag	10
160120107138	Shah Devarshi	10
160120107147	Shah Tanay	10
160120107046	Kantariya Rishit	10

ACADEMICS AND RESEARCH ACTIVITIES

ELECTRICAL ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
200120109002	Patel Sandip	8.14
200120109003	Divyen Soni	7.90

SEMESTER 2

Enrollment No.	Name	SPI
190120109001	Dave Utkarsh	8.44
190120109003	Gajjar Krunal	8.00
190120109005	Rana Parth	8.00
190120109002	Dubey Prashant	7.83
190120109006	Ranjan Singh	7.50

SEMESTER 3

Enrollment No.	Name	SPI
200120109502	Yadav Aman	7.39
200120109520	Shaikh Mohammedraza	7.35
190120109001	Dave Utkarsh	6.87
200120109506	Kakadiya Bhautik	6.87
190120109003	Gajjar Krunal	6.78

SEMESTER 4

Enrollment No.	Name	SPI
190123109013	Sathvara Harshil	8.70
190123109005	Dave Parth	8.48
180120109003	Sodha Swaroopsingh	8.48
180120109004	Trivedi Harsh	8.35
190123109003	Shaikh Mohammed	8.13

SEMESTER 5

Enrollment No.	Name	SPI
180120109004	Trivedi Harsh	8.13
180120109002	Pulavwala Yusuf Abbas	8.13
190123109001	Bathani Daksh	8.10
190123109017	Suthar Rutvik	8.10
180120109003	Sodha Swaroopsingh	8.09

SEMESTER 6

Enrollment No.	Name	SPI
170120109010	Vora Shaema	9.74
170120109003	Maken Vinit	9.26
170120109002	Chhatbar Darshan	9.16
170120109006	Shah Henil	8.84
170124109001	Gohel Hemal	8.84
170123109008	Parmar Biren	8.84
170120109004	Patel Milan	8.84

SEMESTER 7

Enrollment No.	Name	SPI
170120109010	Vora Shaema	9.66
180123109001	Brahmbhatt Yash	9.28
170120109003	Maken Vinit	9.24
170120109002	Chhatbar Darshan	9.24
170120109006	Shah Henil	9.24
170124109001	Gohel Hemal	9.24

SEMESTER 8

Enrollment No.	Name	SPI
160120109006	Fernandez Calvin Steven	10
170123109006	Shah Nisarg	9.86
160120109027	Patel Shail	9.72
160120109020	Prasoon Kumar	9.72
160120109034	Siddhpura Hiren	9.69

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
200120111006	Sharma Pratham	8.48
200120111009	Mandanka Bhautik	8.43
200120111004	Sharma Jahnavi	8.33
200120111002	Thakur Karan	7.90
200120111005	Jonwal Megha	7.76

SEMESTER 2

Enrollment No.	Name	SPI
190120111003	Patel Darshan	7.78
190120111002	Golwelkar Neel	7.61
190120111001	Aasodiya Pavan	7.50

SEMESTER 4

Enrollment No.	Name	SPI
180120111003	Mishra Gourav	9.61
180120111001	Detroja Akshit	9.26
180120111010	Tharakan Sreeraj	9.09
180120111005	Patel Twisha	8.87
180120111011	Yadav Nitish	8.87

SEMESTER 5

Enrollment No.	Name	SPI
180120111001	Detroja Akshit	8.96
180120111010	Tharakan Sreeraj	8.35
180120111005	Patel Twisha	7.96
180120111008	Singh Sanjana	7.83
180120111011	Yadav Nitish	7.78

SEMESTER 6

Enrollment No.	Name	SPI
170120111003	Parikh Charmi	9.28
180123111004	Ghadiya Swati	9.09
170124111001	Palak Gupta	8.91
170120111007	Trivedi Jay	8.56
180123111002	Chauhan Yogesh	8.38
170120111001	Mahendra Prajapati	8.38

SEMESTER 7

Enrollment No.	Name	SPI
170120111003	Parikh Charmi	9.13
180123111004	Ghadiya Swati	8.91
180123111003	Devani Karan	7.50

SEMESTER 8

Enrollment No.	Name	SPI
160120111002	Dave Rajvi	10
160120111003	Joshi Roshni	10
160120111006	Panicker Suchita	10
160120111008	Rao Anirudh	10
160120111010	Sanandiya Darshana	10
170123111001	Vadhvana Shubham	10

ACADEMICS AND RESEARCH ACTIVITIES

INFORMATION TECHNOLOGY DEPARTMENT

SEMESTER 1

Enrollment No.	Name	SPI
200120116027	Shah Ansh	9.62
200120116025	Vaghela Vidhi	9.43
200120116012	Khemani Jayesh	9.38
200120116002	Talaviya Krushali	9.24
200120116062	Ukani Vedant	9.19
200120116005	Mustali Mustansir	9.19
200120116041	Vaghasiya Jay	9.19

SEMESTER 2

Enrollment No.	Name	SPI
190120116078	Patel Rudra	9.11
190120116058	Patel Brijesh	9.11
190120116088	Vraj Patel	9.11
190120116046	Munshi Saumya	9.11
190120116115	Suthar Neel	9.11

SEMESTER 3

Enrollment No.	Name	SPI
190120116022	Jhanvee Handoo	8.78
190120116088	Vraj Patel	8.78
190120116114	Surani Parth	8.61
190120116123	Vijay Patidar	8.57
190120116058	Patel Brijesh	8.52
190120116128	Yugal Patidar	8.52

SEMESTER 4

Enrollment No.	Name	SPI
180120116020	Dholiya Henil	9.61
180120116019	Dhara Prity	9.48
180120116017	Darshak P Devani	9.48
180120116098	Shah Heli	9.48
180120116097	Shah Heer	9.48

SEMESTER 5

Enrollment No.	Name	SPI
180120116101	Shah Parshwa	9.74
180120116097	Shah Heer	9.52
180120116019	Dhara Prity	9.22
180120116113	Soni Kenil	9.22
180120116017	Devani Darshak	9.17

SEMESTER 6

Enrollment No.	Name	SPI
170120116013	Desai Sachin	10
170120116016	Gajjar Parvish	10
170120116017	Gediya Harshil	10
170120116019	Gothi Nishi	10
170120116074	Shruti Purohit	10

SEMESTER 7

Enrollment No.	Name	SPI
170120116019	Gothi Nishi	9.81
170120116017	Gediya Harshil	9.63
170120116074	Shruti Purohit	9.63
170120116099	Sharma Aman	9.59
170120116029	Koshti Neel	9.44

SEMESTER 8

Enrollment No.	Name	SPI
160120116092	Riddhi Chauhan	10
160120116018	Dhruvil Trivedi	10
160120116002	Ashish Bhagchandani	10
160120116097	Sarkale Darshan	10
160120116011	Chodavadiya Roshan	10

MECHANICAL ENGINEERING DEPARTMENT

SEMESTER 1

Enrolment No.	Name	SPI
200120119004	Mehta Yash	9.62
200120119003	Pathak Mahimn	9.19
200120119006	Panchal Ujjawal	8.09
200120119016	Devansh Shah	8.09
200120119015	Shah Rushabh	8.76

SEMESTER 2

Enrolment No.	Name	SPI
190120119008	Pilot Ronak	8.06
190120119003	Desai Meet	8.00
190120119015	Md. Fozle Rabby	8.00
190120119011	Shah Yash	7.94
190120119014	Zalahar Chirag	7.78

SEMESTER 3

Enrolment No.	Name	SPI
200120119528	Shah Jeel	8.43
200120119543	Tavre Dhruv	8.26
200120119525	Panchal Yash	8.09
190120119006	Kunjadiya Ishan	8.04
200120119507	Veer Panchal	7.91

SEMESTER 4

Enrolment No.	Name	SPI
180120119022	Patel Vishwesh	9.39
190123119018	Chauhan Yash	9.26
190123119001	Ansari Siraj Ahmed	9.04
180120119003	Bhatt Rishikesh	8.91
180120119001	Aayush Ketan	8.70
190123119002	Bhavsar Yash	8.70

SEMESTER 5

Enrolment No.	Name	SPI
180120119003	Bhatt Rishikesh	8.48
190123119001	Ansari Siraj Ahmed	8.48
180120119022	Patel Vishwesh	8.43
190123119002	Bhavsar Yash	8.38
190123119012	Patel Devang	7.95
190123119029	Patel Aditya	7.95

SEMESTER 6

Enrolment No.	Name	SPI
170120119003	Antala Priyank	10
170120119008	Chauhan Darshan	10
170120119010	Chorge Abhishek	9.85
180123119027	Suthar Dhruv	9.70
170120119082	Sankhala Prashant	9.61

SEMESTER 7

Enrolment No.	Name	SPI
170120119008	Chauhan Darshan	9.83
170120119021	Gounder Karan	9.30
170120119101	Suthar Nikesh	9.30
170120119003	Antala Priyank	9.27
170120119010	Chorge Abhishek	9.27

SEMESTER 8

Enrolment No.	Name	SPI
160120119099	Pathak Malav	10
160120119095	Patel Sahil	10
160120119101	Patil Swapnil	10
160120119051	Malvania Harsh	10
160120119044	Kharadi Dhruv	10

ACADEMICS AND RESEARCH ACTIVITIES

MASTER OF BUSINESS ADMINISTRATION

SEMESTER 1

Enrollment No.	Name	SPI
207150592028	Shaikh Zeba	10.00
207150592003	Panchal Harsh	9.71
207150592016	Maurya Ankush	9.71
207150592007	Thakkar Pratixa	9.57
207150592027	Gupta Heena	9.57

SEMESTER 2

Enrollment No.	Name	SPI
197150592056	Savlani Hiral	9.00
197150592013	Dutta Sushmita	9.00
197150592045	Patel Jigar	9.00
197150592054	Rego Lavina	9.00
197150592020	Joshi Ayushi	9.00
197150592050	Patil Shraddha	9.00

SEMESTER 3

Enrollment No.	Name	SPI
197150592056	Savlani Hiral	8.88
197150592057	Shah Binal	8.88
197150592020	Joshi Ayushi	8.75
197150592032	Malaviya Siddharth	8.75
197150592026	Koshti Ankit	8.75

SEMESTER 4

Enrollment No.	Name	SPI
187150592013	Jogi Aalisha	9.60
187150592019	Majithiya Dhaval	9.40
187150592055	Varma Mukesh	9.40
187150592018	Kushwaha Shubham	9.20
187150592049	Shah Nensi	9.00
187150592039	Patel Shivani	9.00
187150592010	George Shiju	9.00
187150592021	Maurya Manish	9.00
187150592020	Maniar Harshit	9.00
187150592022	Mehta Hardik	9.00

ME - SOFTWARE ENGINEERING

SEMESTER 1

Enrollment No.	Name	SPI
200120702010	Sucheta Gupta	10.00
200120702002	Solanki Maharshi	9.78
200120702005	Shah Devarsh	9.78
200120702006	Patel Jay	9.78
200120702003	Prajapati Viraj	9.33
200120702012	Mulchandani Harsha	9.33
200120702013	Vaswani Jagruti	9.33

SEMESTER 2

Enrollment No.	Name	SPI
190120702003	Nair Rahul	9.33
190120702005	Patel Vidhi	9.33
190120702001	Dave Hasti	9.11
190120702007	Ray Avani	9.11
190120702002	Jesrani Anjali	8.56

SEMESTER 3

Enrollment No.	Name	SPI
190120702003	Nair Rahul	7.88
190120702001	Dave Hasti	7.38
190120702007	Ray Avani	7.25
190120702002	Jesrani Anjali	6.06

SEMESTER 4

Enrollment No.	Name	SPI
180120702008	Rangras Jimit	9.13
180120702009	Shah Karan	8.25
180120702001	Parth Kansara	7.38
180120702004	Pandya Chintan	7.38
180120702010	Shah Prakshal	7.38

ME – CAD / CAM

SEMESTER 1

Enrolment No.	Name	SPI
200120708001	Bhavesh	9.33
200120708006	Pinara Jay	9.33
200120708007	Patel Biren	9.33
200120708005	Bhalagama Sandip	9.11
200120708003	Kartikey Dave	8.89

SEMESTER 4

Enrolment No.	Name	SPI
180120708001	Bhavsar Keshav	10
180120708002	Chauhan Akshar	9.13

ME – THERMAL ENGINEERING

SEMESTER 1

Enrolment No	Name	SPI
200120721001	Ankit Gandhi	9.11
200120721004	Zalavadiya Bhavya	8.89
200120721002	Jadeja Bhagirathsinh	8.44
200120721006	Makwana Vishal	8.44

SEMESTER 2

Enrollment No.	Name	SPI
190120721003	Pal Suraj	9.11
190120721004	Pandya Manan	9.11
190120721005	Thacker Jay	9.11
190120721002	Kara Suresh	8.67

SEMESTER 2

Enrolment No	Name	SPI
190120721003	Pal Surajkumar	9.11
190120721004	Pandya Manan	9.11
190120721005	Thacker Jay	9.11
190120721002	Kara Suresh	8.67

SEMESTER 4

Enrolment No	Name	SPI
180120721001	Dodia Jigar	9.13



ACADEMICS AND RESEARCH ACTIVITIES

EXPERT LECTURES

CIVIL ENGINEERING

Date	Semester	Expert Detail	Topic	No. of Participants
24/05/2021	5 & 7	Mr. Pavan Y Shethi, Zonal Head, JK White Cement Ltd.	Understanding Cement Test Reports	65

COMPUTER AND INFORMATION TECHNOLOGY ENGINEERING

Date	Semester	Expert Detail	Topic	No. of Participants
19/02/2021	8 CE/IT	Dr. Devang Pandya, Assistant Professor, Adani Institute of Infrastructure Engineering	Machine Learning: A Practical Approach	98
28/05/2021 & 29/05/2021	6 CE/IT	Mr. Mahesh Gurjar, Founder and CEO, MG Infosoft	Gaming Development using Unity 3D	60
23/06/2021	5 CE/IT	Dr. Varun Kapoor, IPS, ADGP Indore	"Awareness-Main Tool for Citizen Cyber Security"	93

ELECTRICAL AND ELECTRONICS AND COMMUNICATION ENGINEERING

Date	Semester	Expert Detail	Topic	No. of Participants
17/06/2021	5 & 7	Mr. Ashwin Ruparelia, Director, Eurotech Power Controls	Fundamentals of AC Drives	42

MECHANICAL ENGINEERING

Date	Semester	Expert Detail	Topic	No. of Participants
12/01/2021	All	Mr. Mukund Ruparel, Sanskrit Teacher, H B Kapadia School, Memnagar	Fourth Power Talk on 'Swami Vivekanand'	98

MASTERS OF BUSINESS ADMINISTRATION

Date	Semester	Expert Detail	Topic	No. of Participants
30/11/2020	3	Mr. Kartik Dave, Asst. Vice President, SMC Global Securities Ltd.	Derivatives Market- Challenges & Opportunities	33
10/12/2020	1 & 3	Dr. Rajesh Modi, Eminent Professor, Yanbu Univeristy, Kingdom of Saudi Arabia	Primrose Path	71
11/12/2020	1 & 3	Mr. Vivek Randeria, Corporate Trainer, Founder and Director, HUNCH Consultants	Digital Learning- The New Normal	71
11/12/2020	1 & 3	Mr. Subhanish Malhotra, AVP, Wellspun India Ltd.	What Corporate Expects from B- Schools?	71
11/12/2020	1 & 3	Mr. Subodh Kumar, Chief Manager, Bennett Coleman & Co. Ltd.	Reimagining Business in the Post-Covid World	71
28/12/2020	3	Mr. Maulin Kadikar Freelancer Chartered Accountant	Options Strategies	33



RESOURCE CENTRE

With the aim to serve the community by acquiring, disseminating quality and advanced information resources to support and promote teaching, learning & research at institute, to explore & execute state of the art technologies, resources & services to disseminate authentic and reliable information which can be accessed at any point of time, GIT Resource Centre has continued to provide access to resources acquired and also has provided access to an impartial and an enriched environment for learning and research by regularly updating the collection. Due to COVID 19, operations and services were affected in many ways but still we continued to serve the community at our best by providing online access to various resources including open access. RC is fully automated and equipped with the software "SOUL 3.0" which facilitates acquisition, catalogue, circulation, OPAC, serial and administration modules. Bibliographical details of the project reports are also included in the software.

-: COLLECTION :-

Collection	Added during 2019-2020	Total as on 30/06/2020
Books (Technical)	48	13450
Books (General)	5	1281
Books (MBA)	3	3021
CDs/DVDs	NIL	2024
Journals/Magazines	NIL	37
Project Reports	117	803

Total expenditure for the books, journals and Magazines is around Rs. 71143 for the year 2020-2021.

-: SERVICES:-

1. Reference, Consultation & Circulation: RC successfully carried out various reference queries online as well as offline related to books and e-journals during the year. It also helped students and staff members in their research and curriculum-based studies and academic work. 4338 numbers of resources are circulated amongst 1,665 members during the year. During the pandemic, we also started online renewal facility of issued resources as well as facilitated them with online learning resources. More than 925 visits recorded in RC.

2. Information Alert Services: Alerts for new arrivals of books, journals, magazines, arrival of requested resources, details of forthcoming national and international events are regularly mailed to the staff members as well as students of the institute for their reference during the year. We also delivered information about open source coursewares, resources, journals, databases available online to the users.

3. Book Review Series: RC initiated sharing weekly review of a technical/non-technical book(s) which gives the reader, a concise summary of the content. The review can be submitted by student or staff member of the institute.

4. Library Orientation: User education is an important regular activity of the RC to inform, alert, educate and train users about various resources and services of the RC. An orientation program was organized for newly admitted students for the 2020-2024 batch.

5. Reprography: Photocopying service is one of the important services offered by RC. 50 Ps./page is charged for photocopying. Photocopying is allowed only for RC material. Students and staff members used this facility for photocopying of articles from magazines and journals as well as from reference sources.

6. WebOPAC: By accessing the following link, one can get the status of the RC material like books, bound volumes, standards, book bank books, CDs/DVDs and other media as well as the account details of the member from anywhere in the campus through their mobile/laptop.

<http://10.1.3.1/webopac/>

7. Membership: The institute is a respective member of following organizations/Institutes:

- ISTE
- NDLI

8. NPTEL & NDLI: Students can have access to NPTEL videos through assigned multimedia personal computers in RC. The institute has registered for NDLI and the courses can be accessed from <https://ndl.iitkgp.ac.in/>

9. Donations: The donations/complimentary resources of around 39 books from publishers and authors are accepted during the year.

10. Support to students for self-learning activities:

- OPAC: All the available resources can be searched through OPAC by title, author, publisher etc. with their availability status. OPAC can be accessed in all the networked systems within the campus.
- E-Journals: Open access resources, journals/magazines subscribed by the institute can be accessed.
- Tutorials: Video lectures of various topics by faculties of the institute as well as other online tutorials can be accessed through multimedia PCs available in RC.

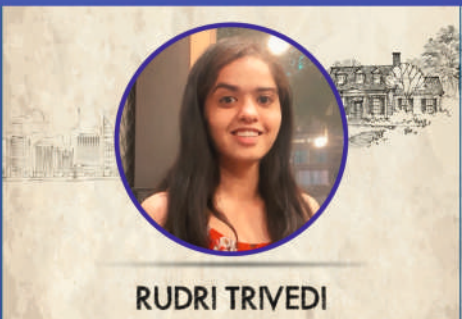
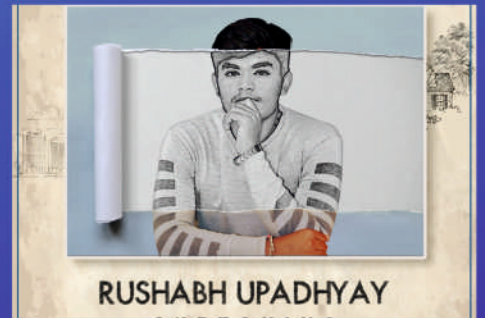
11. RC Policy, Forms & Formats:

Policies and procedures of RC operations are framed for effective, efficient and dynamic library and information services to support teaching, learning, research and innovation needs of the institute and its stakeholders. The forms and formats used in RC are also standardized for consistency in implementation of daily library operations. All the staff and faculty members are strictly following the same. These forms and formats can be accessed from:

<https://bit.ly/3xkjgNn>



SUNDAY SHOWCASE



SHORT-TERM TRAINING PROGRAM ON COMMUNICATION SKILLS AND ETHICS: A MODERN EDUCATION TOOL IN 21ST CENTURY

Gandhinagar Institute of Technology-IQAC Cell, Gandhinagar, affiliated with Gujarat Technological University, Ahmedabad organized three phases of six days short term training program (STTP) with the financial support from AICTE, New Delhi on "Communication Skills and Ethics- A Modern Education Tool in 21st Century" from 28/12/2020 to 2/1/2021, 18/1/2021 to 23/1/2021 and 1/2/2021 to 6/2/2021 under the guidance of Director Dr. H N SHAH, Gandhinagar Institute of Technology. Honourable CHIEF GUEST, PROF. (DR.) NAVIN SHETH, VICE CHANCELLOR, GTU graced the STTP with his presence in the inaugural function and appreciated GIT for the good organization of the event.

Objective

The primary goal of this short-term course was to provide the participants with an in-depth understanding on Communication Skills and ethics which are at the heart of professional life. It runs modern education these days. In the existing globalization scenario, most of the people are in search for a right and suitable fresher for executive posts. In such a scenario effective communication skills and ethics hold the key. Thus, this STTP aims to provide the ability to understand professional ethics, values and the knowledge of general trends.

About the STTP

The STTP was organized for the faculty members and industry personnel from all over India, on an Online Platform. Due to Covid 19 Situation, the STTP was organized in 3 different phases on Google Meet. Total 420+ registrations were done across India. Distinguished speakers from well-known institutes across India spared their valuable time and imparted the knowledge. This STTP aimed to know the professional ethics and moral values to monitor the Engineering and Management Profession, to express and upkeep one's views to others and validate the moral judgement in the profession, to inculcate various aspects of communication in one's profession and to encompass the personal and corporate standards of behaviour expected by professionals.

Inaugural Session

DAY 1 of STTP started with the inaugural function. Dr. Sneha Patel, Co-coordinator of CSE: A Modern Education Tool in 21st Century, started the programme with an introductory speech. It was followed by virtual lightening of lamps and a prayer song by Prof Himanshu Barot.

Dr. H N Shah, Director, GIT welcomed Hon. Prof. Dr. Navin Sheth, Vice Chancellor, GTU, all the experts and participants with a short welcome speech. He explained various outcome of the program by giving brief outline of program and requesting all participants to enrich their knowledge from this STTP by effective participation. He explained the importance of ethical communication in today's era and informed that the STTP will ignite the minds of the faculty members to be aware about professional ethics at the workplace and to understand the values and its implementation at the workplace.

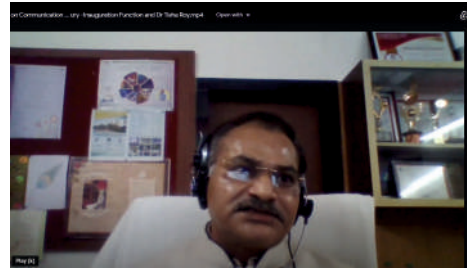
Honourable Chief Guest, Prof. (Dr.) Navin Sheth, Vice Chancellor, GTU graced the STTP with his Keynote address in inaugural function. He congratulated GIT for organizing such a program which indirectly benefits the faculty members and society. He praised the topic selected for STTP. He put emphasis on the holistic development of the students. He also explained the importance of ethics and moral values in the new education policy. It was followed by concluding remarks by Dr Nirupama Patel, Co-coordinator of CSE: A Modern Education Tool in 21st Century. The sessions of STTP were divided into 2 sessions, one in the morning session and the other in the afternoon.

DAY 1 of the STTP started with an interesting lecture by Dr. Tisha Roy from Christ College, Rajkot. She spoke on "Communication in the real world." She wonderfully explained the levels of language. The participants enjoyed the session with full interest.

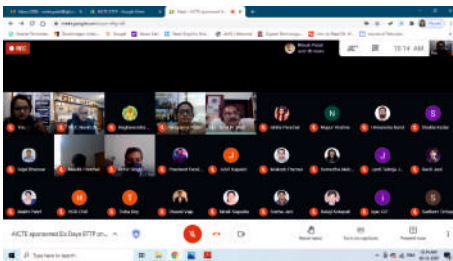
STTPs/FDPs AND WEBINARS



Prof.(Dr.) Navin Sheth, VC, GTU giving Speech at the Inaugural Function



Dr. H N Shah, Director, GIT addressing the Participants at the Inaugural Function



Participants at Inaugural Function



Dr Umang Patel, welcoming the Participants

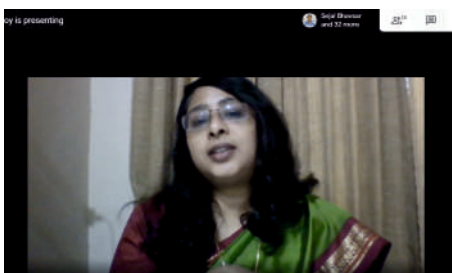


Welcome Address by Dr Sneha Patel, Co-coordinator STTP

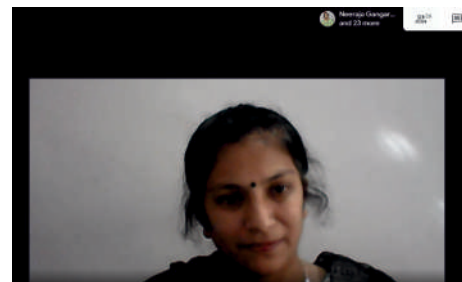


Vote of Thanks by Dr Nirupama Patel, Co-coordinator STTP

The Second Session was conducted by Dr. Parul Popat, Associate Professor, Sardar Patel University, Vallabh Vidyanagar, on "Tools and Techniques to Ingrain Soft Skills and Ethics". She focused on the objectives of education and taught various techniques to improve soft skills. She also used the interactive platform of Mentimeter to make the session more interactive Day 1 ended successfully with a lot knowledge sharing and gaining.



Dr. Tisha Roy, Expert for Session 1, Day 1



Dr. Parul Popat, Expert for Session 2, Day 1

DAY 2 of STTP started with a session by Dr. Atanu Bhattacharya, Professor, Centre for English Studies, Central University of Gujarat, Gandhinagar. He shared his wonderful thoughts on "21st Century Skills" in communicative contexts. As it is the need of an hour, he gave perfect understandings about those skills.

The second session on the same day was conducted by Dr. Prashant Mothe, Assistant Professor and Research Supervisor, Dept. of English, Adarsh Mahavidyalaya, Maharashtra. He conducted a lecture on "Do's and Don'ts of Digital Communication". He explained about many of the rubrics of digital communication. He also informed the

participants about the use of G Suite Apps. The session was followed by Dr. Nirupama Patel, Gandhinagar Institute of Technology. She talked about “Communication Skills in 21st Century”, who explained that with the increased complexity of the business of the 21st century, communication skills have become vital in the workplace.



Dr. Atanu Bhattacharya, Expert for Session 1, Day 2

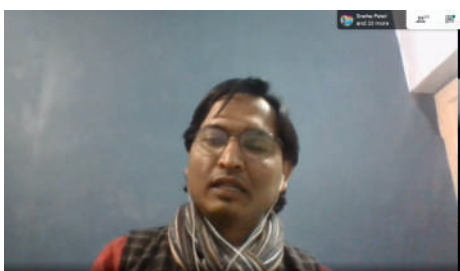


Dr. Prashant Mothe, Expert for Session 2, Day 2

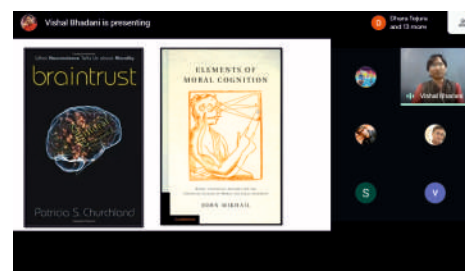
DAY 3 of the session was conducted by Prof. (Dr.) Dilip Barad, Professor and Head, Department of English, Maharaja Krishnakumarsinhji Bhavnagar University, on “Modern Education: Ethics and Morality”. He distributed a questionnaire on the previous day by E mail and collected the responses from the participants. Based on that, he discussed all the questions with a viewpoint of ethics and morality. He made the session very much interesting and interactive with the help of a game-based learning platform named Kahoot and Mentimeter. It was really a wonderful session and all the participants enjoyed the session. The 2nd Session was taken by Dr. Vishal Bhadani, Director, International Center for Applied Gandhian Studies, Lokbharati, Bhavnagar on “Neuroscience of Ethics”. He started with discussion on emerging threats of 21st Century. The expert gave a wonderful explanation of cognitive and behavioral functions. The session was taken deep down into the mechanism and involved the participants with interest.



Dr Dilip Barad, Expert for Session 1, Day 3



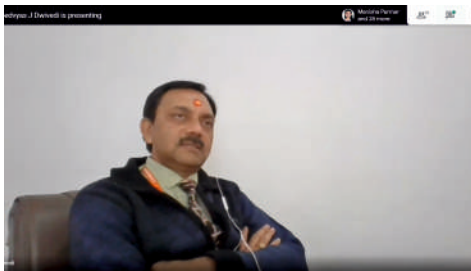
Dr. Vishal Bhadani , Expert for Session 2,Day 3



Dr. Vishal Bhadani , presenting the Presentation

STTPs/FDPs AND WEBINARS

DAY 4 of STTP was conducted by Dr. Vedvyas Dwivedi, Vice Chancellor, Gokul Global University, Siddhpur. The topic by Dr. Vedvyas Dwivedi was “Enhancing Trust and Humanity in Community System”. He explained the journey towards Continuous self-evaluation of the self. He also taught about the most important components of professional ethics in respect to the academic world. It was truly an inspiring session for the participants. The session was followed by Dr H N Shah, Director, Gandhinagar Institute of Technology on “Enhancing Trust and Humanity in Community System”. He explained that developing trust in the workplace is a key organizational predictor of performance. Many organizations have stumbled and even failed outright where a lack of trust, doubt and suspicion have grown between the leadership, management and employees.



Dr. Vedvyas Dwivedi, Expert for Session 1, Day 4



Dr. Deepak Mashru, Expert for Session 2, Day 4

The 2nd Session of the day was by Dr. Deepak Mashru, Assistant Professor Marwadi University, on “Importance of Communication Skills in Higher Education”. He shaped the session more interactive by the use of google sheets and did some wonderful warm up exercises to entertain the participants. It was a fun session for all the participants on communication Skills.

DAY 5 of STTP was steered by Dr. Shaurya Bhrambhatt, Assistant Professor, M.S. University of Baroda, on “Ethical Standards for the Teaching Profession”. He took wonderful examples from different books to explain ethical standards for the teaching profession. The Session was followed by Prof. Milind Solanki, Assistant Professor, Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj-Kachchh on “Ethics in Higher Education: Teacher’s Roles and Responsibilities”.

The 2nd Session was taken jointly by Dr. Nirupama Patel, Assistant Professor, MH Dept., GIT and Dr. Sneha Patel, Assistant Professor, MH Dept., GIT. They talked about “Ethical communication at the workplace”. The concept of case studies was taken by them to make the session interactive. Superb examples from different streams were taken to explain the topic in a significant manner.

The DAY 6 of STTP began with a wonderful lecture by Dr. Paresh Joshi, Professor, Department of English, Veer Narmad South Gujarat University, Surat. He talked on “Communication Skills in 21st Century”. He started his talk with the evolution of communication and he also talked about the necessary components of communication. It was really an interesting session for all the participants.

Outcome:

After attending the STTP, the participants came to know that Ethical knowledge is the best to capture the essence of teaching professionalism as it enables the teachers to appreciate the complexities of their moral agency. Ethics is firmly connected to virtues of responsibility, trust and credibility. It should always be fair, honest, and transparent and respectful of the rights and privacy of others in society. Professional ethics give a certain set of broad principles derived in turn from a spectrum of values which arrives after deep philosophical reflection on the nature and role of the profession in the life of mankind.

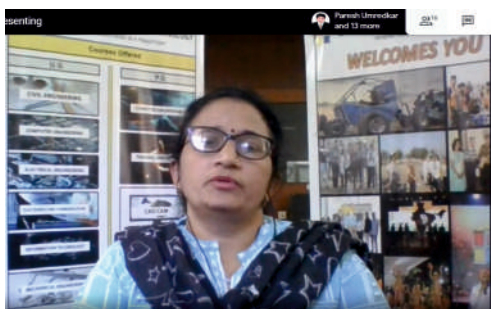
STTPs/FDPs AND WEBINARS



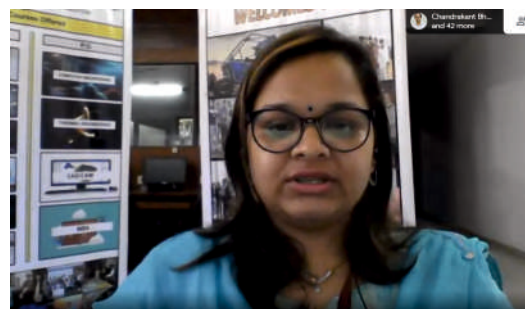
Dr. Shaurya Bhrambhatt, Expert for Session 1, Day 5



Dr. Milind Solanki, Expert for Session 1, Day 5



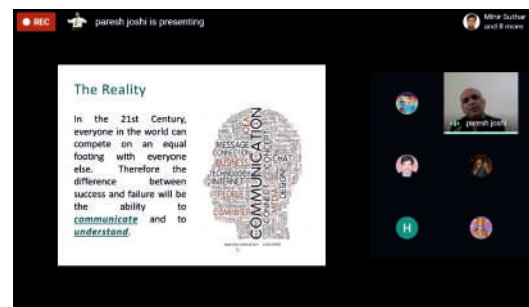
Dr. Nirupama Patel, Expert for Session 2, Day 5



Dr. Sneha Patel, Expert for Session 2, Day 5



Dr. Paresh Joshi, Expert for Session 1, Day 6



Dr. Paresh Joshi, presenting the ideas

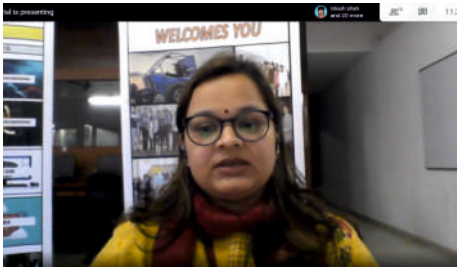
Feedback

The feedback link for each session was shared with all the participants at the end of each session. A test was conducted on the last day for the participants. The participants with 60% marks and filling up all the feedback forms were awarded the certificates. Most of the participants rated the STTP as very good /excellent as a whole.

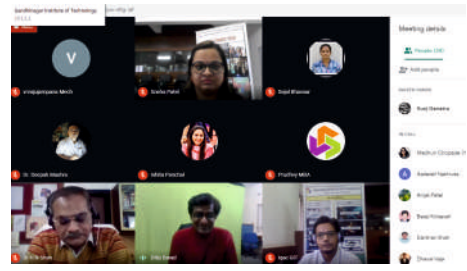
Vote of Thanks

The valedictory function began with concluding remarks by Dr. H N Shah, Director, GIT. He thanked all the experts and participants for their valuable time. The experts gave their views on the importance of the topic in 21st Century. There were wonderful feedbacks received from the participants. Prof. Harshal Oza, Co-coordinator, IQAC gave insights regarding IQAC Cell. The vote of thanks was delivered by Dr. Umang Patel, HOD, MH Dept., GIT. GIT family conveys a big thankfulness to AICTE, NEW DELHI for Sponsoring this STTP. This was the first ever STTP in the history of the institute, which was successfully done with the cooperation of GIT Family. The Co-coordinators of STTP express a sincere thanks to the Trustees, Management, Director Sir, Head of the Departments, Faculty Members, Technical Team and all the participants for their support to make the STTP a grand Success.

STTPs/FDPs AND WEBINARS



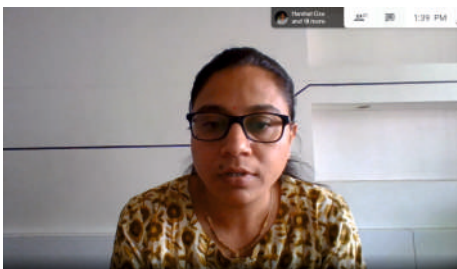
Valedictory Speech by Dr Sneha Patel, Co-coordinator STTP



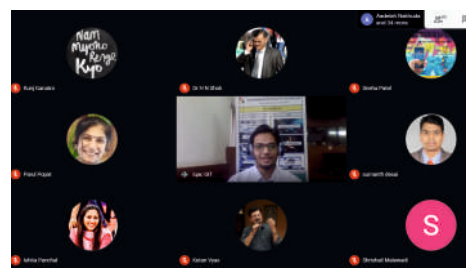
Experts giving Feedback of STTP



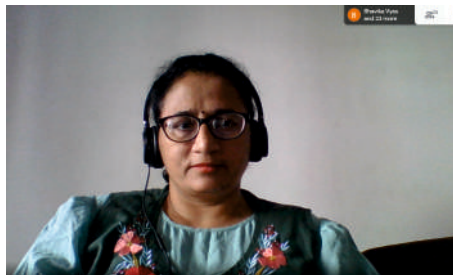
Collage representing the STTP



Prof. Madhuri Chopade, Coordinator IQAC Cell, briefing about IQAC Activities



Prof. Harshal Oza, Coordinator IQAC Cell, briefing about IQAC Activities



Vote of Thanks by Dr. Nirupama Patel, Co-coordinator

A FACULTY DEVELOPMENT PROGRAMME ON POST LOCKDOWN TRENDS IN CAD/CAM AND MANUFACTURING FOR MSME

Gandhinagar Institute of Technology arranges different programmes for the benefit of faculty members as well as students. The mechanical engineering department is one of the largest departments of the institute, caters to its students with class tutorials and state-of-the-art laboratories. The department is continuously striving to achieve excellence in education, academic, and industry-oriented research as well as consultancy work with service to the society. Also, GIT has established the Internal Quality Assurance Cell (IQAC) since 14th November 2019. From the last year, IQAC has fetched more than 6 grants from various funding agencies like AICTE and GUJCOST for conducting webinars, STTP as well as a travel grant for publishing research papers outside India. The IQAC of GIT organizes various programmes for faculty members, students, and quality circle members for their upliftment. In regard to this, Gandhinagar Institute of Technology, affiliated to Gujarat Technological University sorted out a six days Online Faculty Development Programme (FDP), with the financial support from AICTE, New Delhi on “Post Lockdown Trends in CAD/CAM and Manufacturing for MSME” from 18th-23rd January, 2021.

Objective

The key focus outcomes of this online Faculty Development Program (FDP) are related to the Vision and Campaign of Honorable Prime Minister “Local for Vocal” and “Aatma Nirbhar Bharat”. This FDP will develop a better understanding of POST LOCKDOWN trends in CAD/CAM and Manufacturing for MSME. It will focus on how advanced technology improves the production in MSME by integrating design and production system activities. It will accelerate the revolution in MSME regarding various methodologies and technological aspects in the field of manufacturing and automation.

About the FDP

The FDP was organized for the faculty members affiliated to GTU as well as for the industry personnel, on an Online Platform, Google Meet with more than 100 registrations. Distinguished speakers from well-known institutes across India contributed their valued time and communicated the knowledge to the participants.

Inaugural Session

DAY 1 of FDP started with the inaugural function. Prof. Amit Patel, Co-Cordinator, started the programme with an introductory speech. It was followed by virtual lightening of lamp and prayer song. Dr. H N Shah, Director, GIT welcomed Hon. Prof (Dr.) Navin Sheth, Vice Chancellor, GTU, Dr. Narottam Sahoo, Member Secretary & Advisor, GUJCOST, Shri Deepak Acharya, CEO, INOX India, & Chairman, Indian Institute of Welding, Baroda and all the experts and participants with a warm welcome speech.

Dr. Navin Sheth praised and explained the importance of the topic chosen for this FDP and requested all participants to enrich their knowledge from this FDP by effective participation. Dr. Narottam Sahoo appreciated the event and concentrated on the outcomes of the program. He congratulated GIT for organizing such a program which indirectly benefits the faculty members and society. The Keynote speech was delivered by Shri Deepak Acharya on government policy and future opportunities for MSME. Prof. Madhuri Chopade, IQAC coordinator, GIT, gave insights regarding IQAC Cell and concluding remarks of inauguration function.

STTPs/FDPs AND WEBINARS



Prof. (Dr.) Navin Shet, VC, GTU at the Inaugural Function



Dr. Narottam Sahoo, Member Secretary and Advisor at GUJCOST addressing the Participants in the Inaugural Function



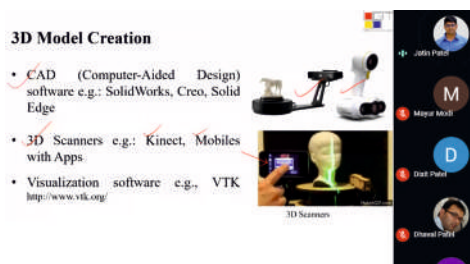
Welcome Speech by Dr. H N Shah, Director, GIT



Keynote Address by Shri Deepak Acharya, CEO-Inox India Ltd, and Chairman-IIW, Baroda

Day wise content of speaker

The first session on Day 1 started with an interesting lecture by Prof. Jatin Patel, Assistant professor, GIT, Gandhinagar. He shared his projects on 3D printing. He wonderfully explained the household problems solved by 3D printing by his engineering skills. The participants enjoyed the session with full interest. The second session was conducted by Mr. Amit Patel (MD, PATectual IP Law Services) on, “How Manufacturing & Automotive sector stays innovative by Intellectual Property Rights”. He focused on ideas and intellectual property rights. He shared the government policy and government schemes that help the person for start-ups and MSME. DAY 1 ended successfully with a lot of knowledge sharing and gaining.



Prof. Jatin Patel, GIT, Speaker for Session 1, Day 1



Mr. Amit Patel, PATectual IP Law Services Speaker for Session 2-3, Day 1

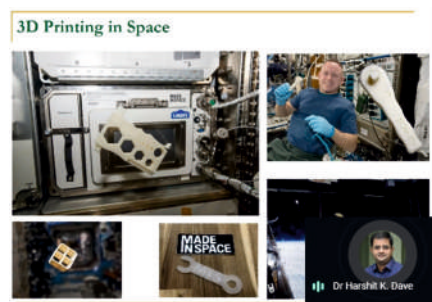
DAY 2 of FDP started with a session by Dr. Satyam Panchal, Adjunct Professor, University of Waterloo, Canada. He shared research opportunities available at Waterloo University and the future scope of electric vehicles. The second session on the same day was conducted by Dr. Harshit Dave from SVNIT, Surat. He conducted a lecture on “3D printing for innovative product design for students & Startups”. He explained the basics of 3D printing and also shared students’ products under his guidance. The third session started with an expert from MSME, Mr. Vipul Thakar, Director, Aarohi Embedded Systems, Rajkot.

He shared difficulties faced in the industry during covid-19. He also shared how industry implements innovation in the products and converts it in the digitization of the products. The last session of the day was conducted by Prof. Chandrakant Bhatia, Assistant Professor, GIT. He explained nicely the concept of Lean and Six sigma in the modern manufacturing and service industry.

DAY 3 of FDP was started by Dr. Sanket Bhavsar, Professor and Head, Department of Mechatronics, GCET, Vidhyangar on “Focused Ion Beam (FIB) Milling: A Technology for Micro & Nano Scale Operations”. He explored the principle of macro & micro Machining and the importance of the Focused Ion Beam process in advanced machining. The second session was handled by Dr. Sanjay Upadhyay, Professor, IIT Roorkee on “Development of Smart Structures for Space application”. He wonderfully took all the participants on the journey of space. He shared the live projects on the challenges faced in the development of the space structures. He explained the different space structures by exploring the space. The last two practical sessions were conducted by Prof. Dhaval Patel, Assistant Professor, GIT on “capabilities of the SolidWorks software”. He explored the areas and application of SolidWorks in various themes of mechanical engineering. He has tried to touch the entire explanation from basic to advanced level utilization of software



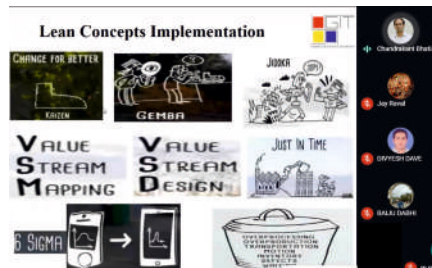
Dr. Satyam Panchal, University of Waterloo,
Speaker for Session 1, Day 2



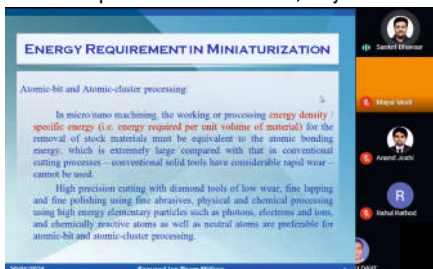
Dr. Harshit Dave, SVNIT Surat,
Speaker for Session 2, Day 2



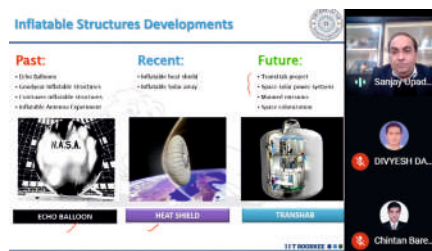
Mr. Vipul Thakar, Aarohi Embedded Systems,
Speaker for Session 3, Day 2



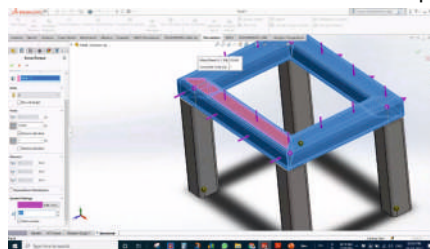
Prof. Chandrakant Bhatia, GIT,
Speaker for Session 4, Day 2



Dr. Sanket Bhavsar, GCET Vidhyangar,
Speaker for Session 1, Day 3



Dr. Sanjay Upadhyay, IIT Roorkee,
Speaker for Session 3, Day 3



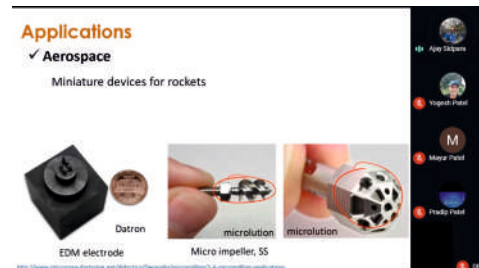
Prof. Dhaval Patel, GIT,
Speaker for Session 3 & 4, Day 3

STTPs/FDPs AND WEBINARS

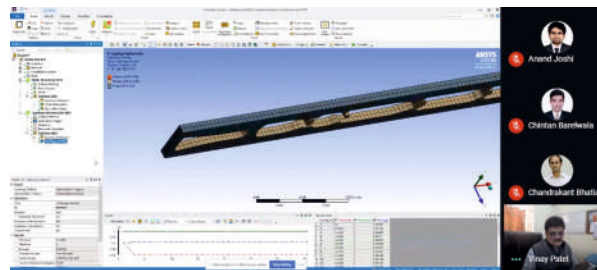
DAY 4 of FDP was started by Prof. Amit Patel, Assistant Professor, GIT on “Artificial Intelligence in Robotics”. He covered the basic trends of robotics applications using Artificial Intelligence. Languages used, its limitations, and the ethical policy of artificial intelligence were also covered nicely by the speaker. The second session was conducted by Dr. Ajay Sidpara, Assistant professor, IIT Kharagpur on “Machining at Micro Scale”. He elaborated on the idea of micro and conventional machining processes. He also explained nicely about the biomedical application and other metal finishing processes by micromachining. He also discussed the dimensional importance and error in the automobile and aerospace industry. The last two practical sessions were conducted by Dr. Vinay Patel, Professor, BVM, Vidyanagar on “Parameter Optimization in ANSYS”. He explored the knowledge of finite element analysis and parameter optimization using ANSYS software.



Prof. Amit Patel, GIT,
Speaker for Session 1, Day 4



Dr. Ajay Sidpara, IIT Kharagpur,
Speaker for Session 2, Day 4



Dr. Vinay Patel, BVM Vidhyanagar,
Speaker for Session 3 & 4, Day 4

DAY 5 of FDP, the first session started with Dr. Kaushal Desai, Associate professor, IIT Jodhpur on “SME4.0: Changing Paradigms for SME/MSMEs in Post-COVID World”. He started the evolution in the field of manufacturing from industry 1.0 to 4.0. The second session was conducted by Mr. Karmjitsinh Bihola, Founder, Innodesk, on “Design Thinking”. He explored a process from idea to product in a strategic manner. He said innovation is a structured and thoughtful process and showed the way from Jugad to innovative products. He also shared the importance of design thinking for any startups. The third session was conducted by Dr. Mayur Sutaria, Professor, Charusat University on “SMART Foundry-Opportunities and Aspirations”. He shared difficulties in the field of foundry before and after the lockdown. He also showed the concept of E foundry and Smart foundry. The last session of the day was taken by Prof. Chintan Barelwala, Assistant professor, GIT on “Digital Manufacturing”. The necessities and usefulness of digital manufacturing in the future were very well explained by him.



Dr. Kaushal Desai, IIT Jodhpur,
Speaker for Session 1, Day 5

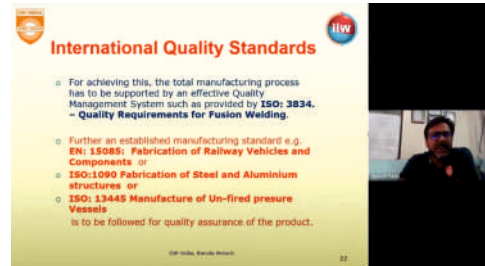


Mr. Karmjitsinh Bihola, Innodesk
Speaker for Session 2, Day 5

DAY 6 of FDP started with Dr. Kuldeep Rana, Electrical Appliances Technology Division, CPRI Bangaluru on “Energy storage materials and devices for green technology”. He explored the evolution in the E-mobility vehicles and also shared the detail of battery cells, their manufacturing research, and behavior in the vehicles. The last session was conducted by Mr. Jignesh Patel, Jr. Secretary, Indian Institute of Welding, Baroda on “ISO Certification programme for fabrication workshop for Welding Quality Management”. He explored the importance of ISO certification and its procedure. He also shared the benefits of students chapter run by a collaboration of Indian Institute of Welding, Baroda and various engineering institutes.



Dr. Kuldeep Rana, CPRI Bangalore,
Speaker for Session 1, Day 6



Mr. Jignesh Patel, IIW, Baroda,
Speaker for Session 2, Day 6

Outcome

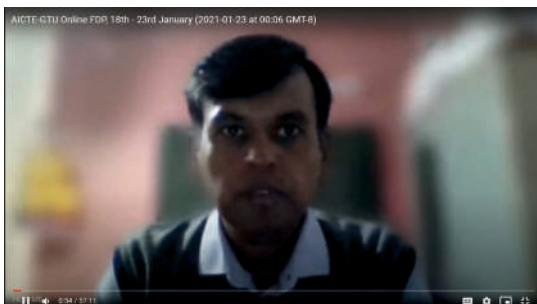
After attending the online FDP, the participants gained deep knowledge and understanding of the prime minister's campaign “Vocal for Local” and “Aatma Nirbhar Bharat”. They came to know the latest trends in CAD/CAM and manufacturing field, that has been applied in micro, small and medium enterprises. Participants also learned the development and utilization of CAD/CAM tools like Solidworks and ANSYS. They also came to know the difficulties faced during COVID-19 situations in the MSME sectors, and also understood their role to fulfill the government campaign on “Aatma Nirbhar Bharat”. The role of the teacher and how the theoretical knowledge can be useful to the industry to strengthen India were also learned by the faculty participants. The participants also understood the importance of startups to build the nation and how government helps students and faculties through different government schemes and policies.

Feedback

The feedback link was shared with all the participants at the end of each day. A test of 40 marks was conducted on the last day for the participants. The participants with 60% marks and filling up all the feedback forms were awarded the certificates. Overall, Most of the Participants appreciate the expert talks on the selected topics.

Vote of Thanks

The valedictory function began with concluding remarks by Prof. Nirav Joshi, Head of Department, Mechanical Engineering Department, GIT. He thanked the Trust of GIT, the Director, all the experts, and participants for their valuable time. After that, participants gave wonderful feedback regarding the importance of the selected topic in the 21st Century. GIT family conveys a big thankfulness to AICTE, New Delhi & GTU, Gujarat for Sponsoring this online FDP. This FDP was successfully completed with the cooperation of the GIT Family. Prof. Amit Patel, Co-coordinator of this event expresses sincere thanks to the Trustees, Management, Director, Head of the Departments, Faculty Members, Technical Team, and all the participants for their support to make the FDP a grand Success.



Prof. Nirav Joshi, HoD Mechanical Department
delivering Vote of Thanks



Prof. Amit Patel, Co-coordinator concluding the Event

A WEBINAR ON HANDS ON MACHINE LEARNING USING R

The IQAC Cell of Gandhinagar Institute of Technology organised a two-day webinar on “Hands on Machine Learning Using R” sponsored by Gujcost and Department of Science and Technology on 22nd-23rd October, 2021. The objective of the webinar was to provide the platform to the participants for applying various computer science concepts such as Machine Learning and Artificial Intelligence using R. The goal of the workshop was to empower the participants to develop various things using Machine Learning. The participants would get the knowledge of R and its use in Statistical and Machine Learning applications with the help of hands-on exercises.

About Webinar

The Webinar provided a valued platform for the industry specialists and academicians from institutes to exchange and explore the latest views on technological developments in the field of Machine Learning. 107 participants participated from different institutes. These technologies are the buzz words nowadays but the main challenge is to understand the actual working and implementation in each of them. This Workshop not only intended to provide theoretical knowledge regarding the subject but it also provided hands-on sessions in each area. The coordinators of the webinar were Prof. Mukesh Parmar and Prof. Rohit Singh.

Schedule of Day-1, 22nd October, 2021

The Webinar started with the Inaugural Speech of Dr. Rajan Patel, Associate Professor, Computer Engineering, GIT. He discussed data as one of the important features of every organization because it helps business leaders to make decisions based on facts, statistical numbers and trends. He also explained about using scientific approaches, procedure, algorithms, and framework to extract the knowledge and insight from a huge amount of data. The extracted data can be either structured or unstructured. Data science is a concept to bring together ideas, data examination, machine learning, and their related strategies to comprehend and dissect genuine phenomena with data. He elaborated that Data science is an extension of various data analysis fields such as data mining, statistics, predictive analysis and many more.

Speaker 1: Prof Mukesh Parmar (Asst. Professor, Gandhinagar Institute of Technology)

Prof. Mukesh Parmar discussed R Introduction and Installation. R' is a programming language for data analysis and statistics. It is free, and very widely used by professional statisticians. It is also very popular in certain application areas, including bioinformatics. He gave a presentation on installation of Windows, Mac and different Linux based operating systems.

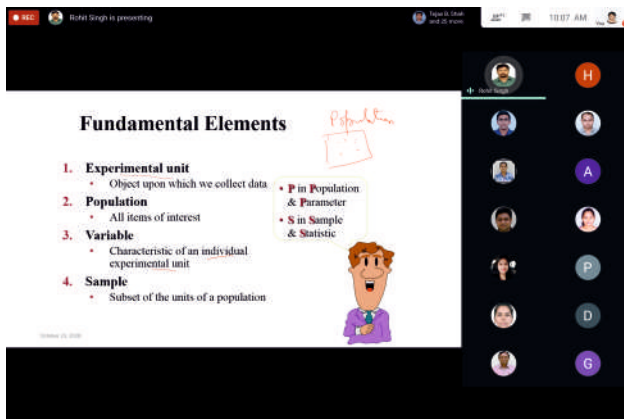
Speaker 2: Dr. Chintan Shah (Data Scientist, Corpository, Ahmedabad)

Dr. Chintan Shah is a Data Scientist at Corpository, Ahmedabad. He has expertise in information retrieval using BM25 score technologies and NLP. His focused area is to provide solutions to real world problems using cutting edge AI/ML/Data Science/NLP/BI technologies.

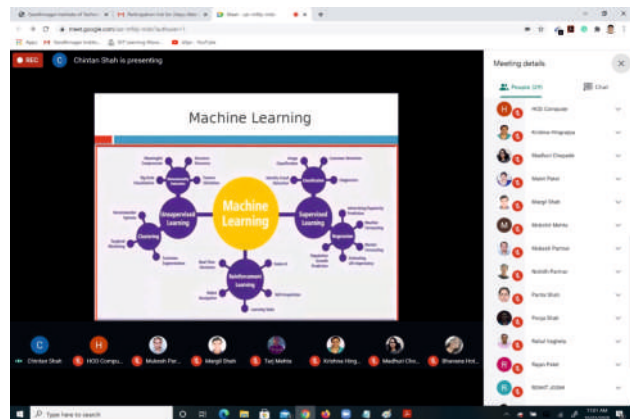
Dr. Chintan Shah discussed about the introduction to Machine Learning, Supervised Classification (Naïve Bayes, Decision Trees, Random Forest and SVM) Classification. Supervised learning is where one has an input variable (x) and an output variable (Y), and one uses an algorithm to learn the mapping function from the input to the output.

Speaker 3: Dr. Sheshang Degadawala Associate Professor and Head of Computer Engineering Department, Sigma Institute of Engineering, Vadodara

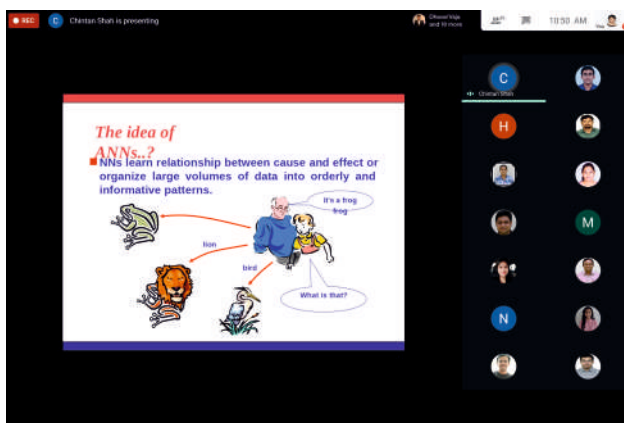
Dr. Sheshang D. Degadwala discussed RStudio and being able to read in data and write out data files from various sources, basic data structures, analysing the data, sampling the data, plotting the data with different types of plots. He has also discussed the importance of sampling, which is to make a random sample of a set according to a probability distribution among the elements of the set.



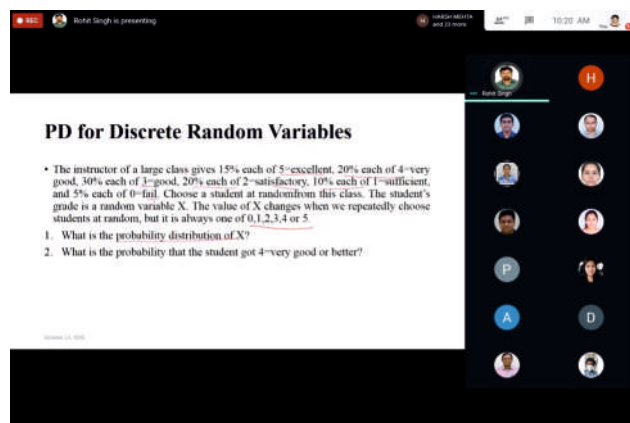
Session on Fundamental Elements of ML Modelling



Session on Introduction of Machine Learning & Classification



Session on ANN



Lecture on Basic Statistics, Probability Distribution and Linear Algebra

Schedule of Day-2, 23rd October, 2021

Speaker 1: Prof Rohit Singh (Asst. Professor, Gandhinagar Institute of Technology)

Prof. Rohit Singh discussed the basic statistics, probability distribution and linear algebra. He also mentioned that it would be fair to say that probability is required to effectively work through a machine learning predictive modelling project

Speaker 2: Prof Dr Chintan Shah (Data Scientist, Corpository, Ahmedabad)

Dr. Chintan Shah discussed about ANN (Artificial Neural Network) and CNN (Convolution Neural Network). Artificial Neural Network (ANN) uses the processing of the brain as a basis to develop algorithms that can be used to model complex patterns and prediction problems.

Speaker 3: Mr. Priyank Solanki (Weblin India, AI/ML Engineer)

Mr. Priyank Solanki has expertise in data storage structures, data mining, and data cleansing, translating numbers and facts to inform strategic business decisions, analysing sales figures, market research, logistics, or transport data. He implemented Linear Regression and Logistic Regression in hands on session of R. Linear regression and logistic regression are machine learning algorithms that are part of supervised learning models.

The webinar was a huge success with the support and coordination of Trustees, Director-Dr. H N Shah, Head of the Departments, Faculty Members, Management Team, Admin Team, Social Media Team as well as the Participants. A big thanks goes to GUJCOST for sponsoring the webinar.

A WEBINAR ON DEMYSTIFYING DATA SCIENCE USING MACHINE LEARNING

The IQAC Cell of Gandhinagar Institute of Technology organized a two-day webinar on “Demystifying Data Science Using Machine Learning” sponsored by GUJCOST and Department of Science and Technology on 27th-28th October, 2021. Due to the rising situation of COVID-19, the webinar was organized on an online platform. Machine Learning is not only for effective data collection, but to make use of the ever-increasing amounts being gathered by manipulating and analyzing it without heavy human input. This webinar aimed to give hands-on training to the faculty members, research scholars and PG students on various aspects of Machine Learning and Data Science.

About Webinar

The program provided a valued platform for the industry specialists and academicians from institutes to exchange and explore the latest views on technological developments in the field of Information Technology. The 21st century poses a major technological advancement in the computer science area. It is very difficult for researchers to define the scope of research and to choose the correct technology for their work. This webinar is primarily targeted to benefit motivated researchers, faculty members, masters' students and PhD candidates who work in the field of cloud computing, machine learning and deep learning. These technologies have been a buzzing word nowadays but the main challenge is to understand the actual working and implementation in each of them. This webinar has provided theoretical knowledge regarding the subject but also provided hands-on sessions in each area. Total 38 participants participated from different colleges like L D College of Engineering, Indus University, Ganpat University, Shankersinh Vaghela Bapu Institute of Technology and many more.

Schedule of Day-1, 27th October, 2021

The webinar started with a welcome speech of Prof. Alpa K. Oza, Assistant Professor of Gandhinagar Institute of Technology. She welcomed all the dignitaries and present members in the webinar. Prof. Rahul Vaghela, HOD IT, GIT gave a brief about Data Science and data as one of the important features of every organization because it helps business leaders to make decisions based on facts, statistical numbers and trends. He also highlighted the growing scope of data, which is a multidisciplinary field these days.

Speaker 1: Prof Anirudhdha M. Nayak (Assistant Professor, Information Technology Department, Gandhinagar Institute of Technology)

Starting with the introduction, he talked about big data and its types. Then, he introduced data science and data scientists as well as data science tools and its applications. He also introduced about what are the roles of data scientists and how data science can be used with AI, Machine Learning and Deep Learning. At last, he concluded with the scope of data science in future.

Speaker 2: Dr. Mayuri A. Mehta (Professor and PG In-Charge, Computer Engineering Department, Sarvajani College of Engineering and Technology, Surat)

She talked about data science, its process, definition and various applications. She also briefed about the importance and need of Machine learning and various ML applications. Machine learning makes the work easier to conduct analysis such as predictive analysis, which can then serve as a helpful visualization to present. She also gave the introduction of ANN, usually simply called neural networks, which are computing systems vaguely inspired by the biological neural networks that constitute animal brains.

Speaker 3: Dr. Chintan V. Shah (Data Scientist, Corpository, Ahmedabad)

He discussed about ANN (Artificial Neural Network) and CNN (Convolution Neural Network). Artificial Neural Network (ANN) uses the processing of the brain as a basis to develop algorithms that can be used to model complex patterns and prediction problems.

Schedule of Day-2, 28th October, 2021

Speaker 1: Prof. Dr Priyank B. Thakkar (Associate Professor, Computer Science and Engineering Department, Institute of Technology, Nirma University)

Dr. Priyank Thakkar initiated his talk by giving basics of supervised learning and unsupervised learning. Unsupervised learning is a machine learning technique, where the user does not need to supervise the model. Supervised learning allows the user to collect data or produce a data output from the previous experience. He has taken a data set and given a hands-on session on unsupervised learning.

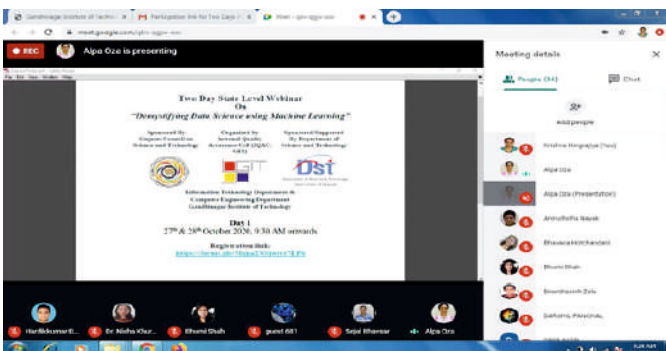
Speaker 2: Prof. Rahul A. Vaghela (Assistant Professor & HOD, Information Technology Department, Gandhinagar Institute of Technology, Gandhinagar)

Prof. Rahul A. Vaghela talked about deep learning and concepts of CNN. He has introduced convolutional neural network (CNN, or ConvNet) which is a class of deep neural networks, most commonly applied to analyzing visual imagery. They are also known as shift invariant or space invariant artificial neural networks (SIANN), based on their shared-weights architecture and translation invariance characteristics. He also included that “fully-connecteness” of these networks makes them prone to overfiltering data. He concluded the session with advantages and future scope of CNN.

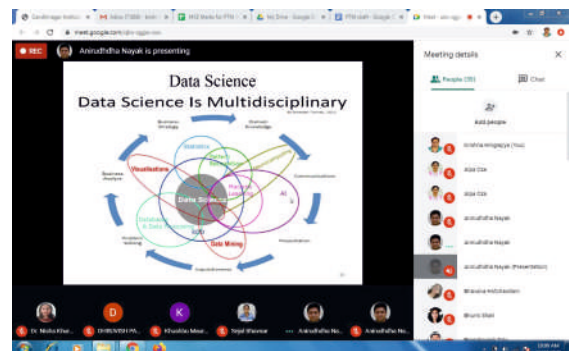
Speaker 3: Dr. Hitesh R. Chhinkaniwala (Associate Professor & Head, Information & Communication Technology, Adani Institute of Infrastructure Engineering, Ahmedabad)

Dr. Hitesh Chhinkaniwala started his session with an introduction to data preprocessing in machine learning. Pre-processing refers to the transformations applied to the data before feeding it to the algorithm. Data Preprocessing is a technique that is used to convert the raw data into a clean data set. He delivered the hands-on session on top python libraries like matplotlib, numpy and pandas. He also added some exercise sets and implemented the datasets with the help of libraries.

A leader is someone who creates an event and the team members essentially bring life to it. No event can shape without a hardworking leader. It was the dedication and enthusiasm of the coordinators - Prof. Prakash Patel and Prof. Anirudhdha Nayak who successfully coordinated the whole event under the patronage of Dr. H N Shah, Director. The backbone of this event were the conveners, Prof. Rahul Vaghela (HOD, IT), Prof. Archana Singh (HOD, CE), Prof. Madhuri Chopade (GIT, IQAC) and department faculties. Prof. Alpa Oza has moderated the overall program very well. GIT is highly obliged to sponsors of this event GUJCOST and DST. The entire event was made possible with the support of honorable trustees and management of Gandhinagar Institute of Technology.

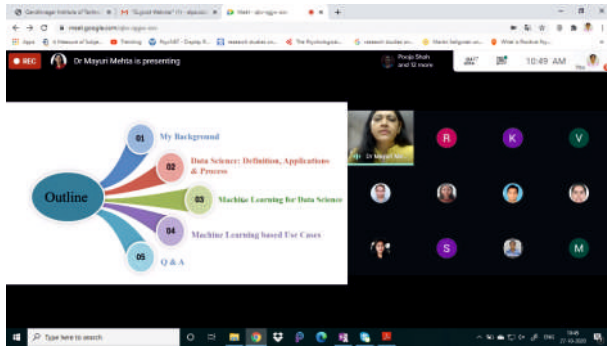


Inaugural Function of the Webinar

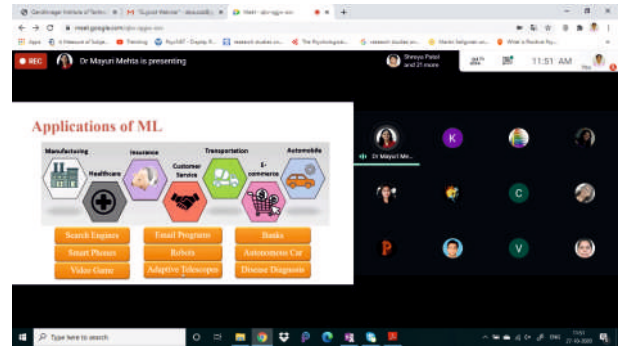


Day 1 Session 1 by Prof. Anirudhdha Nayak

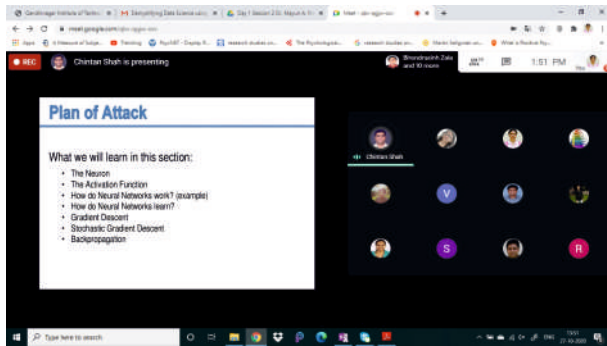
STTPs/FDPs AND WEBINARS



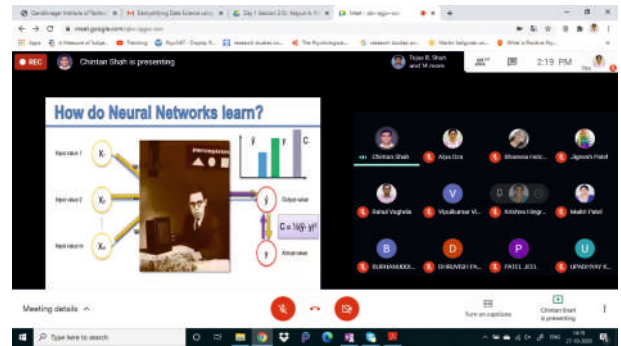
Day 1 Session 2 by Dr Mayuri Mehta



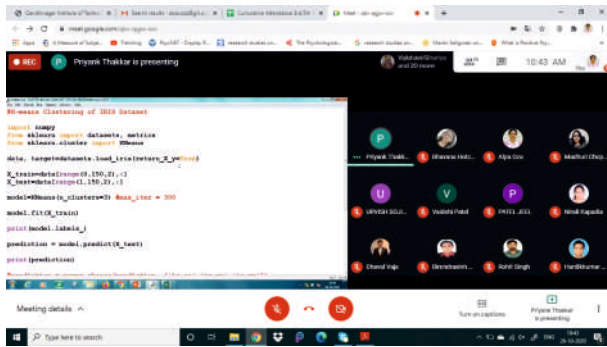
Dr Mayuri Mehta talking about Applications of ML



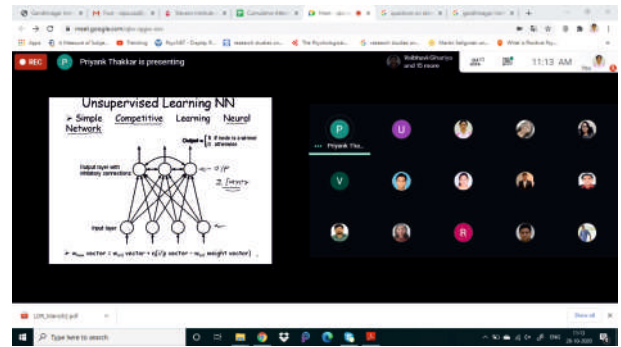
Day 1 Session 3 by Dr. Chintan Shah



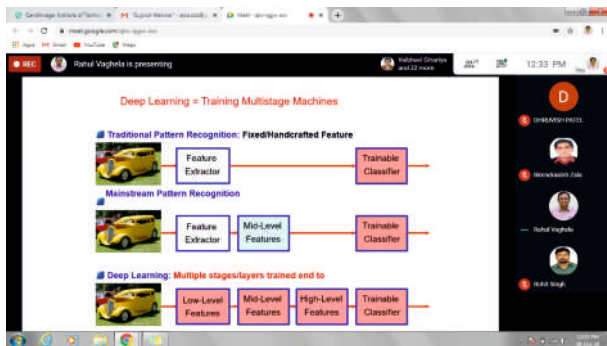
Dr. Chintan Shah discussing about ANN and CNN



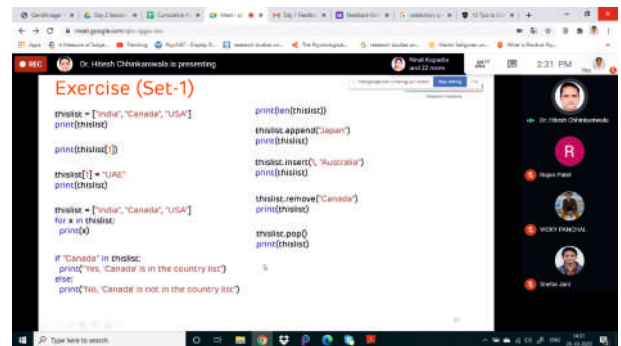
Day 2 Session 1 by Dr. Priyank Thakkar



Dr. Priyank Thakkar talking about Unsupervised Learning



Day 2 Session 2 by Prof. Rahul Vaghela



Day 2 Session 3 by Dr. Hitesh Chhinkaniwala

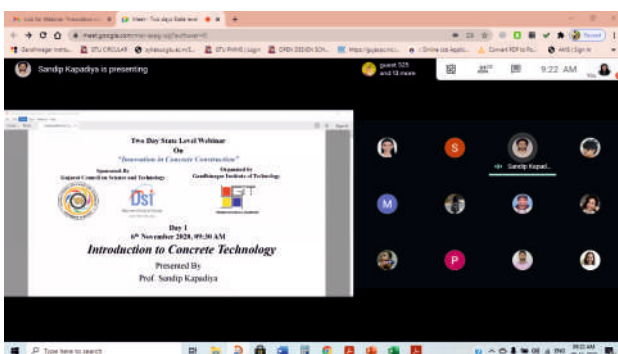
A WEBINAR ON INNOVATION IN CONCRETE CONSTRUCTION

The IQAC Cell of Gandhinagar Institute of Technology organized a two days webinar on “Innovation in Concrete Construction” sponsored by GUJCOST and Department of Science and Technology on 6th-7th November, 2020. The objective of the webinar was to share the new developments in the field of concrete and to enhance the knowledge of students in the area of Construction Industry. It was also aimed to understand the design standards of Indian standard code and to inculcate its practical uses in Construction Projects.

About Webinar

The understanding and practice of technicalities involved in civil engineering construction and effective use of innovative material like cement concrete plays a vital role in building a well-planned and sustainable society. Also, there is a continuous upgradation that is happening in civil engineering material. Civil engineering students during their classroom academic courses have a very limited exposure regarding these constructions' practices and innovative material. This two-day webinar will help them to discuss the innovation in concrete technology with the development of new trends. It will also aim to understand the design standards of Indian Standard Code, sustainable concrete, advance construction materials. The program will provide a valued platform for the industry specialists and academicians from institutes to exchange and explore the latest views on technological developments in the field of concrete technology.

The webinar has provided theoretical and practical knowledge regarding the subject. Total 55 participants from different colleges & consultancies like Bataan Peninsula State University, BVM, Dr. D Y Patil Institute of technology Pimpri, Gujarat Technological University, L.D.R.P, MOUN CONSULTANTS, S.R. Patel University, Mehsana have participated in this webinar. The topics covered during the online session were introduction to concrete technology, characterization and microstructure properties of concrete materials, utilization of industrial waste in sustainable concrete, modern tendency in concrete technology, concrete technology- mix design (New Code) & latest development for sustainable construction in India. The attendees have actively participated, appreciated and their feedback was collected at the end of each session and E-certificates were provided to all participants.



Session 1 of Day 1 by Prof. Sandip V. Kapadiya



Presentation of Introduction to Concrete Technology

Day-1, 6th November, 2020

The webinar started with the introductory speech by Prof. Manisha Parmar, Assistant Professor, Gandhinagar Institute of Technology. She welcomed all the dignitaries and participants. Prof. Neel Shah, HOD, CL briefed the

STTPs/FDPs AND WEBINARS

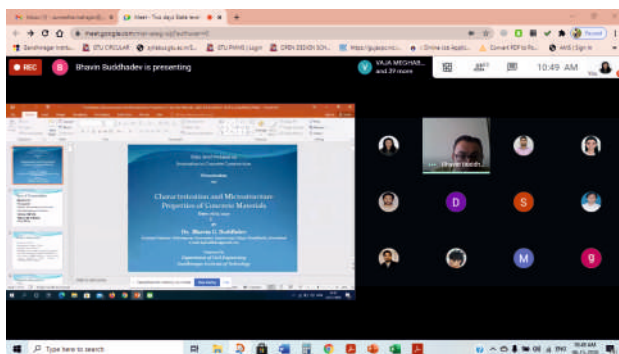
participants about concrete construction and different types of admixture used in concrete technology, which helps to improve properties and strength of concrete., Director–Dr. H N Shah passed his message to encourage active participation in the webinar. This webinar gave knowledge on the innovation in concrete technology with the development of new trends. It also aims to understand the design standards of Indian Standard Code, sustainable concrete, advance construction materials and different properties of concrete materials using industrial waste.

Speaker 1: Prof. Sandip V. Kapadiya (Assistant Professor, Civil Engineering Department, Gandhinagar Institute of Technology)

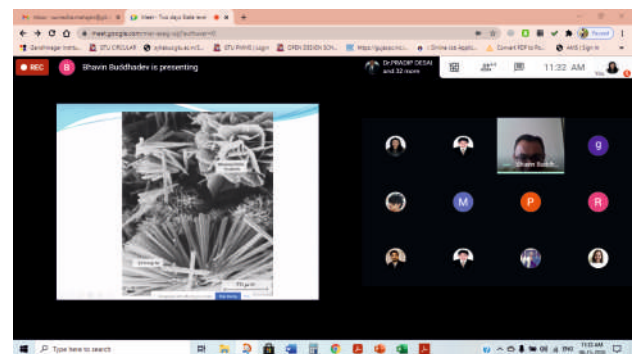
First of all, Prof. Sandip Kapadiya briefed about concrete materials and its types. Then, he introduced the different properties of cement, sand and aggregates. He talked about what are the different grades of concrete and how grades are used in structural elements. He explained various ingredients of concrete and taught us how to get experimental data of materials. He concluded the session with the type of materials used in concrete technology satisfying BIS criteria.

Speaker 2: Dr. Bhavin G. Buddhdev (Assistant Professor, Applied Mechanics Department, VGEC)

Dr. Bhavin G. Buddhdev discussed characterization and microstructure properties of concrete materials. He briefed about microstructure, its unique features and microstructure of the aggregate phase. He also briefed importance of characterization of concrete. He also talked about the different characterization of concrete like cement, cement replacements and admixtures, mix proportions types of deterioration. He also discussed the various method of characterization of concrete like calorimetry, X-Ray diffraction, thermal analysis, optical microscopy, scanning electron microscopy, transmission electron microscopy, scanning tunneling microscopy, scanning probe microscopy, infrared microscopy, atomic absorption spectroscopy. At last, he concluded with experimental study of the microstructural preparation of concrete specimen mix with BFS of grade M40 and converted cylindrical specimen into slices and the crushed BFS to utilized as full replacement of fine aggregate (sand) in concrete production and cured the prepared specimen of concrete for 365 days of curing before it was prepared for examination.



Session 2 of Day 2 by Dr. Bhavin G. Buddhdev



Presentation of Characterization and Microstructure Properties of Concrete Materials

Speaker 3: Dr. Jayeshkumar R. Pitroda (Associate Professor, Civil Engineering Department, BVM Anand)

Dr. Jayeshkumar R. Pitroda discussed about the Utilization of Industrial waste in Sustainable Concrete. The transportation infrastructure system is one of the main investments every modern society must make for their economic and social development. To bring rural regions of India on the main stream of social and economic activities, and also to increase the livelihood opportunities, there is a great need for developing road infrastructure for growth and improvement of quality of life in rural India.

Day - 2, 7th November, 2020

The second day of webinar commenced by introductory speech of Prof. Pooja Patanwal, Assistant Professor, Gandhinagar Institute of Technology. She welcomed all the experts of the day and briefly introduced them. This session covered the latest trends used in the construction industry. Feedbacks and Questionnaires sessions were also shared with the participants. At last, the webinar was concluded by Prof. Neel K. Shah, HOD, CL, giving the vote of thanks to all the experts and participants, Director, sponsors, organizing committee and all staff members who made this event a grand success.

Speaker 1: Prof. Juhil D. Kapatel (Assistant Professor, Civil Engineering Department, Gandhinagar Institute of Technology)

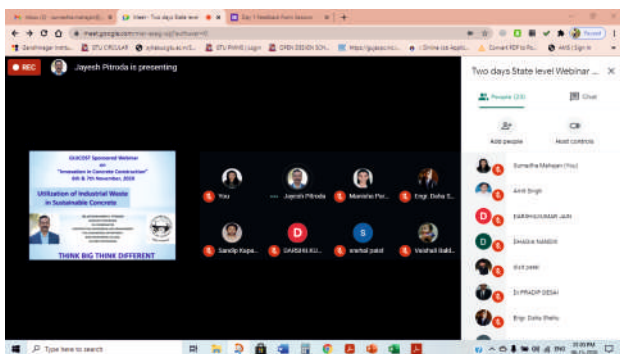
Prof. J D Kapatel briefed about environmental pollution and greenhouse emission due to use of concrete in construction. Then, he introduced different types of emerging trends in concrete technology. At last, he briefed the latest technology used in concrete which reduces the environmental pollution for sustainable development and concluded with how to use the latest technology in concrete construction.

Speaker 2: Dr. Piyushkumar J. Patel (Professor & HOD, Civil Engineering Department, V.S Institute, Kadi)

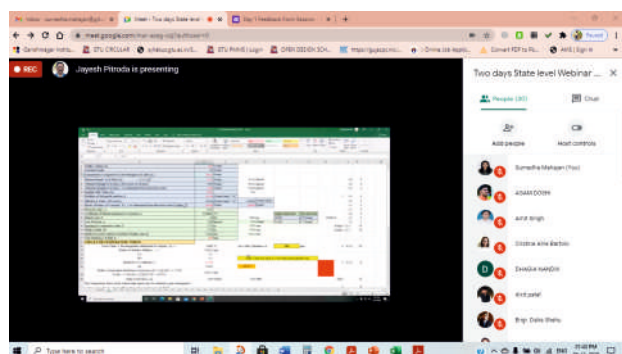
Dr. P. J. Patel discussed in detail about the concrete mix design as per IS 10262:2009. He briefed about the grade of concrete, design mix, and the aim of concrete mix design. He also discussed different mix design methods and gave detailed examples of the Indian mix design method.

Speaker 3: Dr. L. R. Manjunatha (Associate Vice President, JSW Cement Limited, Bangalore)

Dr L.R. Manjunatha started the session with the current situation in construction and shortage of raw materials. Due to increased demand in housing and infra sectors, one needs to preserve the environment by avoiding the consumption of traditional methods of constructions. The sustainable cycle of concrete was discussed in detail like Steel industrials byproducts for sustainable constructions, Slag-granulated blast furnace slag (GBS), GGBS, Slag cement (PSC), Slag fine aggregates, and Steel slag aggregates. At last, he concludes with the innovative green concrete products.



Session 3 of Day 1 by Dr. Jayeshkumar R. Pitroda



Presentation of Utilization of Industrial waste in Sustainable Concrete

Feedback Analysis

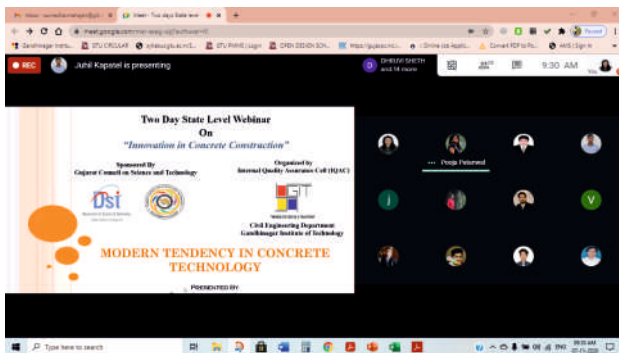
In two days of this webinar, 55 participants were given participation certificates (e-certificates). As per participant's feedback, it was a very unique and informative webinar.

STTPs/FDPs AND WEBINARS

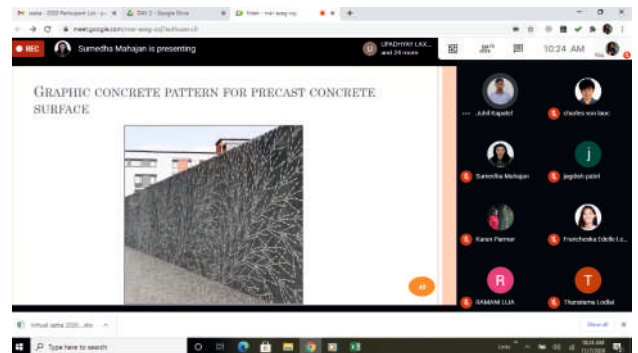
The webinar received overwhelming response across the country. At the end of the webinar, students raised several queries and experts answered all their questions satisfactorily. The webinar was successfully concluded with a formal vote of thanks to all the participants and the dignitaries present during the webinar.

Acknowledgement

A leader is one who knows the way, goes the way, and shows the way. It was the dedication and enthusiasm of the coordinators Prof. Sumedha Mahajan and Prof. Sandip Kapadiya who have successfully coordinated the whole webinar under the patronage of Dr. H N Shah, Director of the institute. Above and beyond, let's not forget the backbone of this event the convener, Prof. Neel Shah (HOD, CL), Prof. Madhuri R. Chopade (GIT, IQAC) and departmental faculties. Prof. Manisha Parmar & Prof. Pooja Patanwal has well moderated the overall program. GIT is highly obliged to GUJCOST and DST Sponsored of this entire two-day webinar. The entire event was not possible without the support of honorable trustees and management of Gandhinagar Institute of Technology.



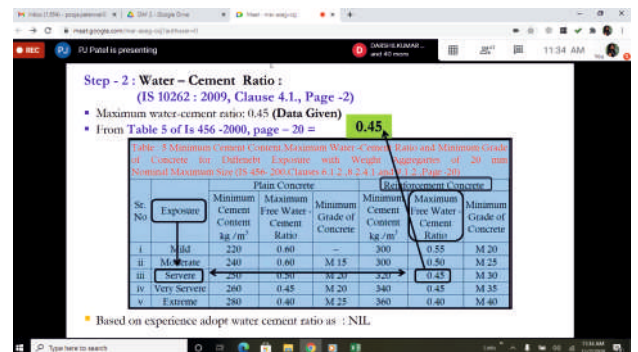
Day 2 of Webinar



Presentation of Modern Tendency in Concrete Technology



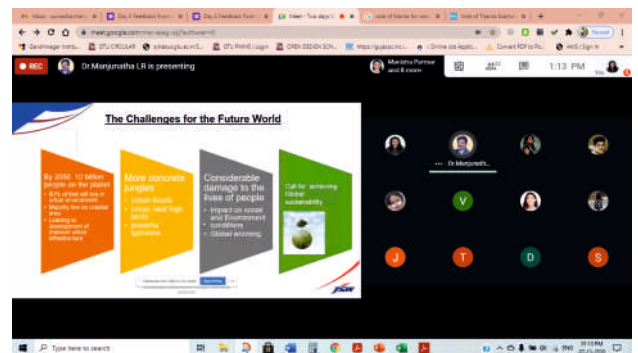
Session 2 of Day 3 by Dr. Piyushkumar J. Patel



Presentation of Concrete Mix Design



Session 3 of Day 2 by Dr. L.R. Manjunatha



Presentation of Latest trends in Construction

A WEBINAR ON ELECTRIC VEHICLES MODELLING AND FUTURE ADOPTION

The IQAC Cell of Gandhinagar Institute of Technology organized a two days webinar on “Electric Vehicles Modelling and Future Adoption” sponsored by GUJCOST and Department of Science and Technology on 25th-26th November, 2020. The objective of the webinar was to provide a valued platform for the industry specialists and academicians from institutes to understand and explore the new developments in the field of electrical vehicles and new battery technology that makes the faster adoption of EVs.

About Webinar:

This webinar discussing focuses on the innovation in electric vehicles technology. It will also aims to understand the concept of vehicle modelling, battery chemistry, drivetrain and future load demand and charging infrastructures. It explains why electric vehicles are important as a replacement of conventional engines. The major thrust area targeted are:

- Government policies and incentives
- Future load demand and challenges
- Prospective of Electric Vehicles
- Connected Vehicles, a new paradigm in the world of IOTs
- Challenges for EV and Hybrid Electric Vehicles in India
- Electric Mobility in India: Why? What? When?
- Powertrain for Electric Vehicles
- Electric vehicle modelling

Day-1, 25th November, 2020

Inaugural Ceremony:

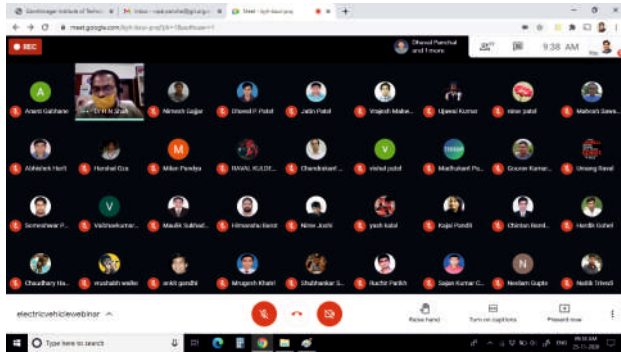
The webinar started with an Inaugural speech by Dr Nimesh M Gajjar, Assistant Professor, Gandhinagar Institute of Technology. He welcomed all the dignitaries and participants. Dr. H N Shah, Director, Gandhinagar Institute of Technology addressed the participants and talked about the institute's achievements and success. He motivated all the participants to take part in this webinar. On the first day, the topics such as “What is EV, Challenges of EV/HEV, An IoT connected to Vehicles and Industry 4.0 Technology Pillars”. Question and answer sessions were also arranged for the participants.

Speaker 1: Dr. Sudhir K Gupte,

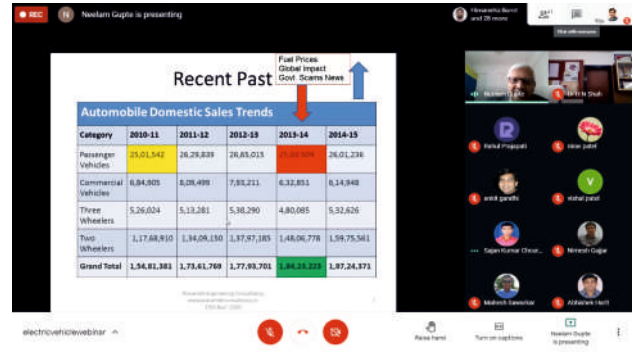
(Sr. organizing committee member of “BAJA SAE INDIA” & “SUPRA SAE INDIA” and Engineering Consultant - “Prarambh Engineering Consultancy)

Dr. Sudhir K Gupte covered the topic on “Challenges of EV/HEV in India.” He explained the concepts on automobile past, present market and EV/HEV, design and development process of automobiles sector. Electric vehicles are setting a course for 2030 and he talked about all the related concepts of auto industries. He also explained regarding the automobile domestic selling trends from 2009 to 2015 as category wise like Passenger Vehicles, Commercial Vehicles, Three-Wheeler, and Two-Wheelers. He shared the vision and target of AMP-2026 (Automotive Mission Planning-2026) through Make in India, Skill India, and “ATMA NIRBHAR BHARAT”. He also talked about the scope of improvement in EV/HEV as battery revolutions.

STTPs/FDPs AND WEBINARS



Inaugural Ceremony of the Webinar



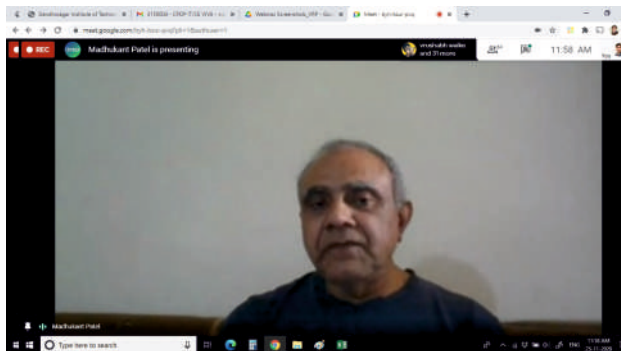
Presentation by Dr. Sudhir Gupta

Speaker 2: Dr. Madhukant Patel
(CTO, TEKSUN Cultivating Technology and Ex-scientist and engineer in ISRO)

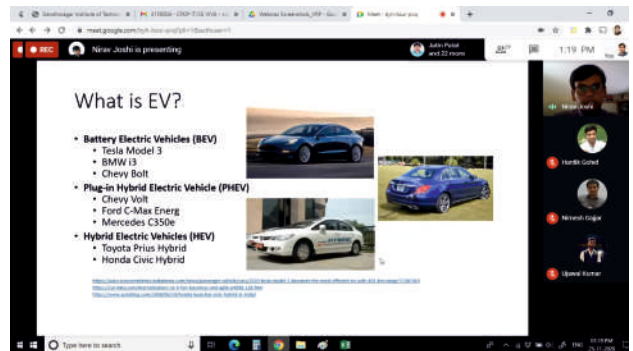
Dr. Madhukant Patel covered the topics like connected devices of vehicles, fundamentals of IoT, real use-cases of AI in EV, Teksun IoT and EV and more technological advancements about Teksun. He also explained about the performance optimization through IoT as a power of connected vehicles and archiving data of road conditions, climatic conditions, battery conditions, load carrying conditions as well as traffic sensitivity. At last, he also highlighted his talk by talking about "Industry 4.0 Technology Pillars" with the viewpoint of advanced robotics.

Speaker 3: Prof. Nirav Joshi
(Assistant Professor & Head of Mechanical Engineering, Gandhinagar Institute of Technology)

Prof. Nirav Joshi talked about "Need of Electric Vehicles". Firstly, he explained conventional ICE-powered vehicles: Current Generation as "What We Have?" and "What are the challenges?". After that, he gave a solution regarding the topic of EV. He also had a briefing on "What is EV" with details of its types. "What is BEV" then "What is PHEV" and "What is HEV". He also covered "Why EVs are better than ICE cars?" in the session.



Dr Madhukant Patel explaining about the importance of IoT for Future Cars



Prof. Nirav Joshi giving ideas about types of Electric Vehicles

Day - 2, 26th November, 2020

The second day of the webinar commenced with the speech of Prof. Hardik R Gohel, Assistant Professor, Gandhinagar Institute of Technology. He welcomed all the experts on the second day and briefly introduced them. On the second day, topics such as "battery chemistry, drivetrain and future load demand and charging infrastructures" were covered. Feedbacks and Questionnaires sessions were also shared with the participants. At last, Prof. Nirav Joshi, Head of Mechanical Department, gave vote of thanks to all the experts, dignities and participants, the Director, sponsors, the organizing committee, and all staff members who made this event successful.

STTPs/FDPs AND WEBINARS

Speaker 1: Dr Suketu Jani (Assistant Professor, Indus Institute of Technology and Engineering)

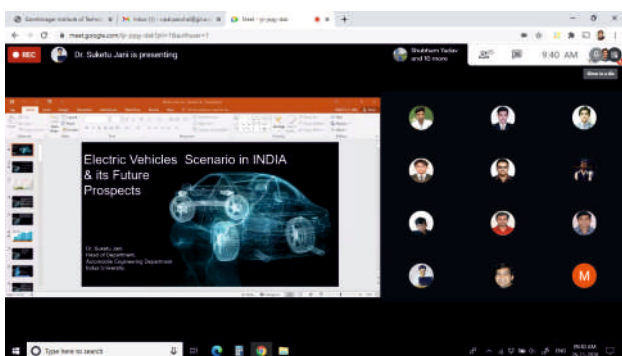
Dr. Suketu Jani covered the topics on “Electric Vehicles Scenario in India & its Future Prospects”. He explained about the Indian market scenario for the EV. He illuminated the types of charging stations as level 1 and level 2 for the electric vehicles and types of battery with their BMS Cell balancing functions. He also gave a brief about “ATHER ENERGY GAME CHANGER” available in India.

Speaker 2: Mr. Dhyeya Pandya (Technical Officer, ABZO Motors Pvt Ltd.)

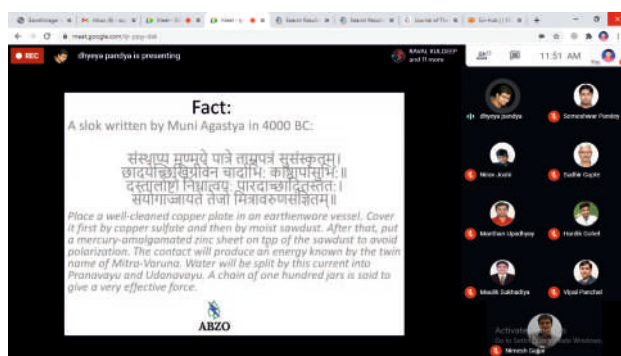
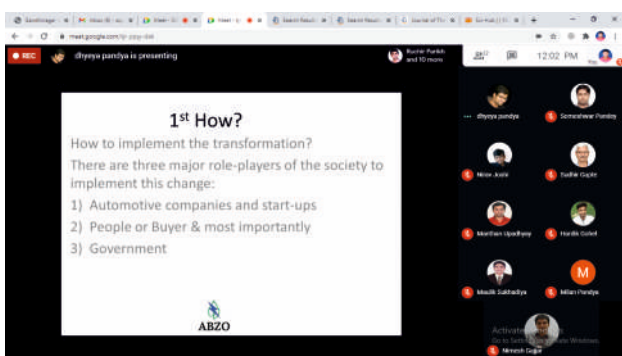
Mr. Dhyeya Pandya shared his knowledge on Electric Mobility in India: Why? What? When? He started with the component difference between ICE and EV. He also explained about the effective force in relation to the shloka which was written by “MUNI AGATSYA” in 4000 BC. After that, he explained the history of battery by “Benjamin Franklin” in 1748. He also shared his views on distinguishing battery on Li-ion chemistries with its characteristics.

Speaker 3: Prof. Sulay Patel (Asst. Professor, L D College of Engineering)

Prof. Sulay Patel talked about “Powertrain for Electric Vehicles”. He also explained about various key stages of EV development from 1801 to 2000. He also highlighted about the expectations from vehicle technologies in 2040. He also added that how do we improve designs from the reduction of weight and drag it to the transmission system. He also explained about conventional, hybrid and battery electric vehicles designs. The EMs are connected to the wheels through reducer gear and driveshaft. He presented perspectives on battery pack size required for 80 miles EV in different companies like Ford, Fiat, Chevy, and Honda car design in his webinar.



Dr Suketu Jani talking about Future Prospects of Electric Vehicles in India



Mr. Dhyeya Pandya explaining the Facts about Electric Vehicles

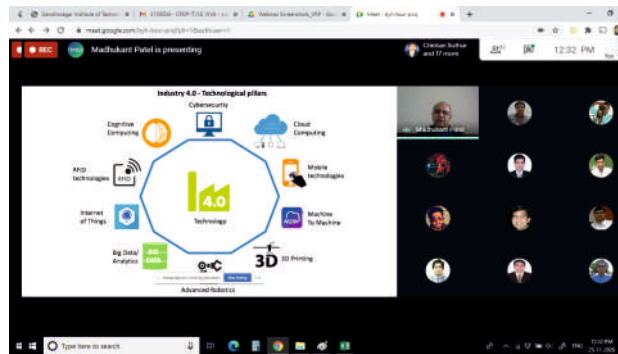
STTPs/FDPs AND WEBINARS

Vote of Thanks

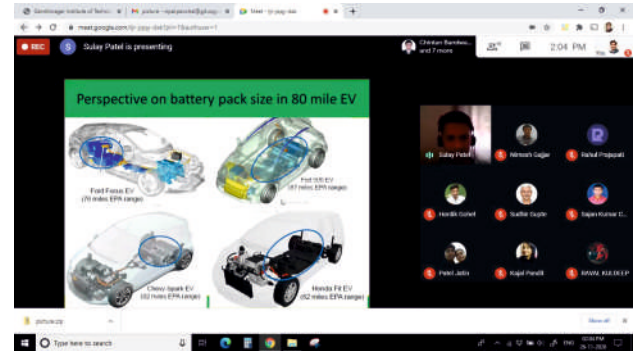
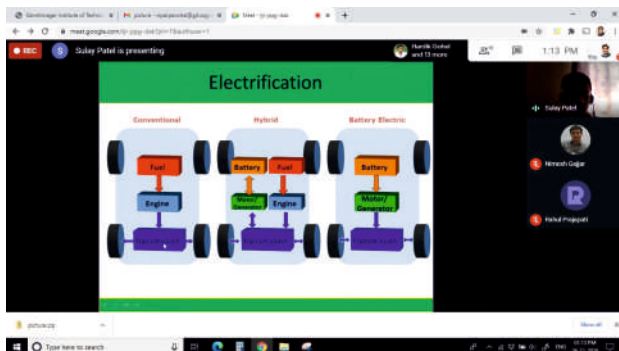
At the end of the session, Prof. Nirav S Joshi, Head of Mechanical Engineering, Gandhinagar Institute of Technology, gave vote of thanks for the webinar on “Electric Vehicles Modelling and Future Adoption” sponsored by GUJCOST and DST. He thanked all the experts named Dr. Sudhir Gupte, Dr. Madhukant Patel, Dr. Suketu Jani, Mr. Dhyye Pandya, Prof. Sulay Patel and Participants, Director, Sponsors, organizing committee and all staff members who made this event a grand success by spending their time in the webinar. He especially thanked all the experts to share their knowledge about the specialization of electric vehicles and future adoption.

Acknowledgement

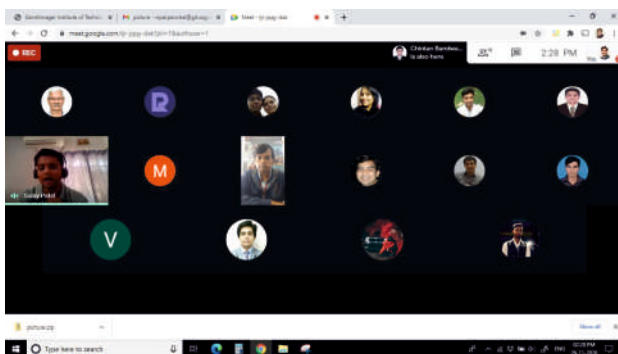
The coordinating team and mechanical engineering department is thankful to the Trustees and Director for their support for the successful organization of the webinar. The Mechanical Engineering Department of Gandhinagar Institute of Technology is also grateful to GUJCOST and DST for the financial support to organize this webinar.



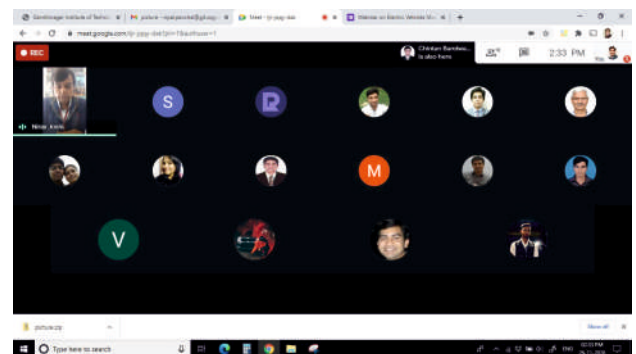
Dr. Madhukant Patel giving Ideas about Industry 4.0



Prof. Sulay Patel talking about Electrification and Battery Size Pack



End of Day 2 of Webinar



Vote of Thanks by Prof. Nirav Joshi, HoD,ME,GIT

A WEBINAR ON INNOVATION IN ROBOTICS & AUTOMATION AND ITS APPLICATION

The IQAC Cell of Gandhinagar Institute of Technology organized a two days webinar on “Innovation in Robotics and Automation and Its Application” sponsored by GUJCOST and Department of Science and Technology on 4th-5th December 2020. The program provided a valued platform for the industry specialists and academicians from institutes to understand exchange and explore the new developments in the field of Robotics and its kinematics and dynamics that makes the faster adoption of Robots as per recent global trend.

About Webinar

This webinar will be discussing focuses on the innovation in robotics technology with the development of new trends. It will also aims to understand robot kinematics and dynamics, artificial intelligence and machine learning. It explains how this technology helps in various sectors like health care, agriculture, automobile, defense, smart home security and surveillance. So, the basic technology of robotics of various application fields will be studied in detail. The major thrust areas targeted:

- Introduction to robotics technology
- Kinematics and dynamics of robots
- Industrial revolution with robotics
- AI in robotics
- Vision system in industrial robotics.
- Robot for material handling application
- Future of robots in India

Day-1, 4th December, 2020

Inaugural Ceremony:

The Webinar started with a prayer to goddess saraswati followed by the Inaugural Speech by Prof. Jatin M. Patel, Assistant Professor, Gandhinagar Institute of Technology and coordinator of the Webinar. He welcomed all the dignitaries and participants of the first day. After that, Dr. H N Shah, Director, Gandhinagar Institute of Technology addressed the participants and introduced the institute and his goal to conduct this type of webinars. Prof. Nirav Joshi, HOD, Mechanical Engineering, GIT introduced various activities carried out by the department to the participants. The coordinator of the event gave the closing remarks of the inauguration function and the event has moved to its real objective.

On the first day, the topics covered were, “Introduction to Robotics and Automation, Industry 4.0 and Collaborative Robots in Manufacturing, Robotics2Rural, Robotics Arm Dynamics”. Question and answer sessions were also arranged for the participants after each presentation.

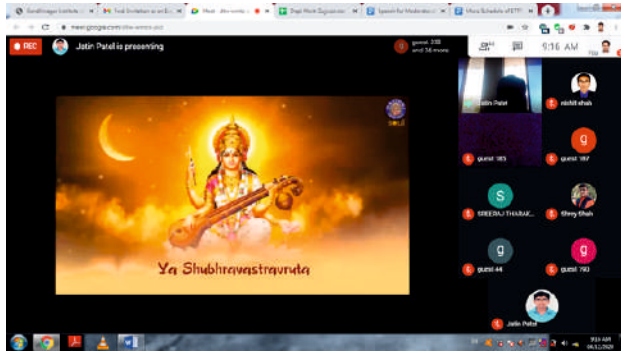
Speaker 1: Prof. Dhaval P. Patel (Assistant Professor, Mechanical Engineering Department, GIT)

Prof. Dhaval Patel covered the topic on “Introduction to robotics and automation.” He explained the basics of robotics and its use in the field of automation. He also covered detailed classification of robots, application of robots, social humanoid robots, the recent trends in robotic research, etc. during his presentation.

Speaker 2: Mr. Kashyap K Ramaiya (Business Development Head, Mascot Robotics & Automation)

Mr. Kashyap K Ramaiya covered the topic called Industry 4.0 and Collaborative Robots in Manufacturing which deals with its scope, application and future of manufacturing. In the presentation, he has covered the application of COBOTS in the field of manufacturing, academic and medical aspects. The major focus of COBOTS in the presentation was manufacturing. In that, he has shown some good quality videos of loading-unloading

STTPs/FDPs AND WEBINARS



Inaugural Ceremony of the Webinar



Prof. Jatin Patel giving Inaugural

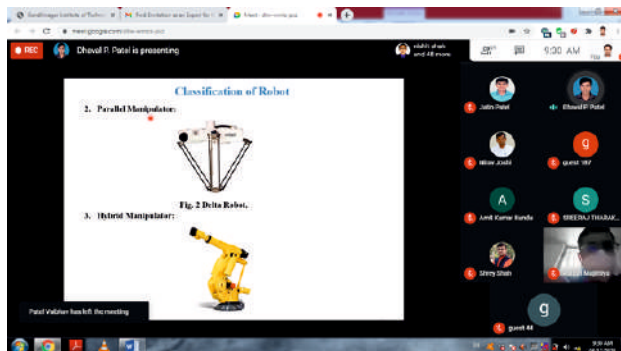
applications using COBOTS for gear industries, that actually saves human effort, which can be utilized in other effective work.

Speaker 3: Dr. S K Saha (Professor IIT, Delhi and Vice President, The robotics society)

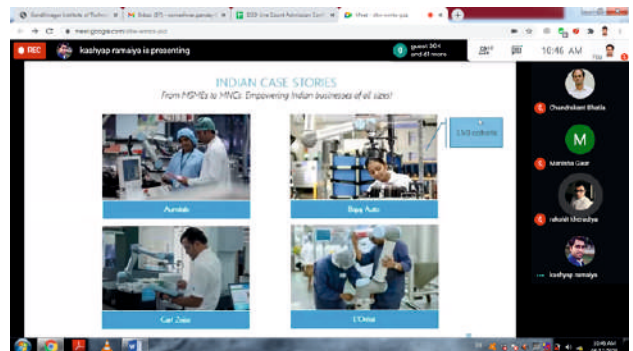
Dr. S K Saha talked on “Robotics2Rural, Innovative Teaching and Research Approaches”. He explained about RoCK-BEE (Robotics Competition based Education in Engineering) which deals with innovative teaching and he also gave insights on MuDRA (Multi Body Dynamics for rural application) which deals with innovative research. The major focus of the presentation was how the technology enhancement in the field of automation/robotics will help to improve the rural life of people. He also explained other benefits to the society such as truck simulators, Tele-USG robots, mobile robots, defense robots.

Speaker 4: Dr. Mihir Chauhan (Assistant Professor, Mechanical Engineering Department, Institute of Technology, Nirma University)

Dr. Mihir Chauhan explained the topic “Robotics Arm Dynamics”. He presented the arm dynamics in detail considering its practical application as well as the basic calculation/algorithm required to design such one. In this context, he went through a dynamic equation of motion, dynamic model of one DoF manipulator, dynamics model of two DoF manipulators and general LE formulation algorithm. He also presented the Robocon event to justify the topic well. As well, he shared his past experience of various robocon projects during the session. The Robocon 2021, which is being organized in China, was also explained by him with an animation video.



Prof. Dhaval Patel talking about Classification of Robot



Mr. Kashyap Ramaiya talking about Indian case studies

Day - 2, 5th December, 2020

The second day of the webinar commenced by the speech of Prof. Dhaval H Panchal, Assistant Professor, ME, Gandhinagar Institute of Technology. He welcomed all the experts and briefly introduced them. On the second day, the topics covered were AI in robotics and its application, human-robot collaboration, design and control of multimodal robots for industrial and field applications, vision systems used in industry for robotics & automation, multi axis robots for material handling applications. Feedbacks and Questionnaires' sessions were also shared with the participants.

Speaker 1: Prof. Amit R Patel (Assistant Professor, Mechanical Engineering Department, GIT)

Prof. Amit Patel gave his talk on “AI in Robotics and Its application”. He explained about major companies involved in AI, the significant impact of AI applications and also the open sources available for AI. The presentation also involved the limitations of AI such as lack of common sense, positive and negative human interaction, limitations in terms of emotional intelligence, etc.

Speaker 2: Dr. Vineet Vashista (Professor at IIT, Gandhinagar)

Dr. Vineet Vashista talked about “Human-Robot Collaboration - A Focus on System design and control”. In the presentation, he explained about the basic three laws of robotics: A robot may not injure a human being; it must obey the orders given by human beings and it must protect its own existence as well as such protection does not conflict with the first or second law. He also explained the significant prevalence of human neurological disorders. He focused on GAIT rehabilitation and explained about training and recovery, and also elucidated about the need and opportunity to deploy robotic technology to assist recovery.

Speaker 3: Dr. T. Asokan (Professor at IIT, Madras and Secretary, The Robotics Society)

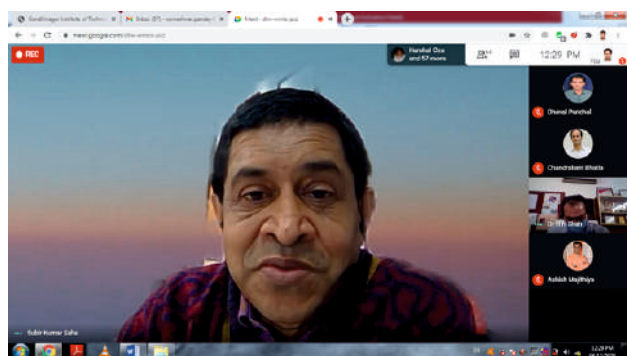
Dr. T Asokan explained about “Design and control of multimodal robots for industrial and field applications”. In the presentation, he covered industrial robots, mobile manipulators, grasping, and design of multimodal robots-grasp man. He also explained evaluation of robotics research such as mobile robots, walking robots, humanoid robots and industrial robots. In that context, he also explained about the fact that humanoid and industrial robots are not used as per their capacity in India rather the humanoid robots are merely used in reception work or some pick and place work. He also talked about entertainment robots and space robots as well. The presentation also focused on the various kinematics chains used in robotics.

Speaker 4: Mr. Ketan Davda (Sales head at Vision Embesoft solution)

Mr. Ketan Davda explained about vision systems used in industries. The focus was on the kinds of industrial automation that will improve the productivity as well as quality of the product. The presentation involved various laser marking machines, the fastener inspection system, auto parts inspection and also its comparison with the manual inspection system. The participants got the idea about how automation will be used in various departments of industry. He also covered the simulation required for industrial automation to get a preferable output. The major focus was on how one can get perfection with the help of robotics and automation as it is the need of the new era of industry.

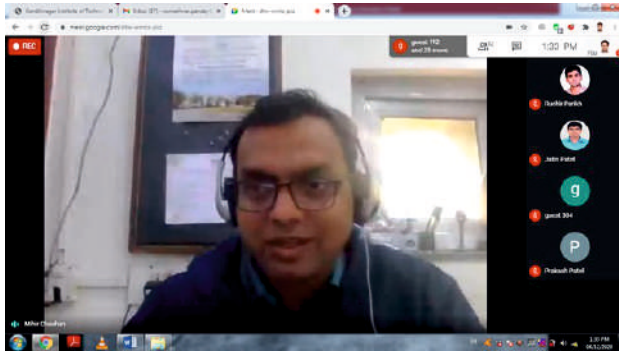


Dr T Asokan, Speaker 3 on Day 3 of the Webinar



Dr. S K Saha, Speaker 3 of Day 1 of the Webinar

STTPs/FDPs AND WEBINARS



Dr. Mihir Chauhan talking about “Robotics Arm Dynamics”



Dr. Vineet Vashista giving his talk on Day 2 of the Webinar

Speaker 5: Prof. Manthan Upadhyay (Assistant Professor, Mechanical Engineering Department, GIT)

Prof. Manthan Upadhyay explained about “Multi axis robot for material handling application”. He started his talk with the axis designation based on D-H Parameters. The various theories such as forward kinematic model and forward jacobian model were covered to justify the topic. He also explained the computer algorithm in a step-by-step manner that could help participants to understand the whole simulation process gone through the required calculation and software. In the presentation, the calculative simulation was made understood in the best way with the help of the video of a cheetah robot.

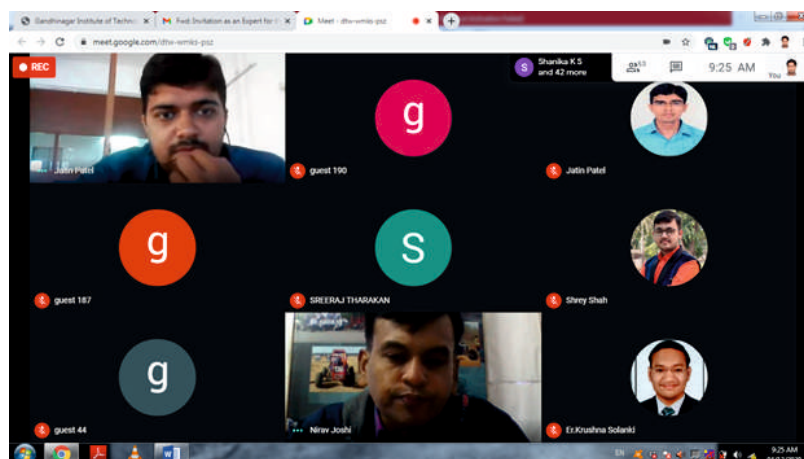
Vote of Thanks

Prof. Nirav Joshi (Head of Mechanical Engineering Dept, Gandhinagar Institute of Technology)

At the closing ceremony, Prof. Nirav Joshi, HoD, ME thanked all the experts as well as all the Participants. He also showed gratitude to the Director, Sponsors, organizing committee and all staff members who made this event a grand success.

Acknowledgement

The Coordinating team is thankful to the Trustees, Director of the Institute, HoDs, Faculty Members, Non-teaching Staff as well as Admin staff for their support and coordination in successful organization of the webinar. The GIT Team is also grateful to GUJCOST for the financial help for the webinar. The webinar was also not possible without the involvement and coordination of coordinators, Prof. Jatin M Patel and Prof. Dhaval Panchal. The Team of GIT appreciates their efforts for successfully organizing the Webinar.



Valedictory Function of the Webinar

Celebrities @ GIT



PLACEMENT ACTIVITIES

The Training and Placement Cell is an integral part of Gandhinagar Institute of Technology. Its primary objective is to provide training and placements to the students. Various activities take place throughout the academic year in the college. Students are motivated to take the initiative to develop their attitude, soft skills and are given the opportunity to develop technical skills alongside analytical capabilities. The Training and Placement Cell aims to expose students to the nature of the corporate world therefore providing insight to their future professional careers.

The placement scenario at GIT campus has always been extremely impressive. Most of the students have their career paths charted much before graduation. Almost 100+ students from GIT got placed in 2020-21. Over the time, the placement process has been refined to make recruitment as simple as possible for the students and companies alike. A team of dedicated placement committee volunteers work to ensure simpler logistics and all other related issues regarding campus placements. Placements has always been an important part of every student's life. This year, the campus placement is flooded with the offers for GIT final year students, many of them got the offers even before they passed out. The placement calendar runs from July 2020 to June 2021.

- Total 114 Students out of 175 (interested in placement) placed in this current pandemic situation in more than 45 companies in campus placement.
- 523 students were given internship.
- MOUs done for the Placement, Training, Industry visit and Internship with more than 20 companies.
- Multinational Companies like Tata consultancy Services, L&T InfoTech, Zee Media, Zomato, Byju's, Bosch Rexroth, Solute Technolabs LLP, eClinicalworks, Simform, E-Infochips, ICICI Bank, Reliance and IBM have done the placement drive.

Total No of Offers	
CE	28
IT	26
MBA	42
EE	09
EC	04
ME	03
Civil	02
Total	114

Total No of Internship	Projects
CE	71
IT	52
EE	08
EC	06
ME	34
Civil	17
MBA	71
Total	259

Placement Snapshot July 2020 - June 2021

Total No. of Students interested in Placement	175
Total no of companies Visited	45
Total Offers made to the Students	114
Total Offers for Internship	523
Total Projects	259
Highest Package Mechanical (Byju's Think and Learn Pvt. Ltd.)	6.0 LPA
Highest Package IT (Solute TechnoLabs LLP)	3.7 LPA
Highest Package CE (Tata Consultancy Services Pvt. Ltd. & NeoSOFT Technologies)	3.6 LPA
Highest Package EC (Bainary Lifestyle Pvt. Ltd)	2.0 LPA
Highest Package Civil (Artocrete-Artistic Concrete Solutions)	2.4 LPA
Highest Package Electrical (Kotarpur water works (AMC)	2.0 LPA
Highest Package MBA (ICICI Bank)	3.4 LPA
Average Package Per offer	2.80 LPA

Students Talk for Placement and III Cell



"Feel the Fear and do it anyway."

Collect all your fear and turn it into your Strength. This is how we can face all the difficulties in life. After getting placed in 'BYJU'S-The Learning Application', the better world of corporate sector through my college, has helped me gain a lot of experience. I want to express my gratitude to my college for providing requisite knowledge, skills and enthusiastic support which helped me to get placed in a reputed company.

I am really thankful to GIT, my Professors, Placement officer and Director-Dr. H N Shah for their continuous support and encouragement. The endeavor and enthusiasm of Training and placement Dept. is very appreciable.

I wish all GITians Best of Luck for their bright future.



Kishan M Patel
Mechanical Engineering
BYJU'S The Learning Application
Package: 6 LPA



"Your dreams and goals are bigger than small minded people or the fears that they harbor. Don't let their ocean of fear trap you in the undertow." — Jaha Knight

This is what I feel now, after getting placed in India's largest MNCs –Solute Technolabs LLP through College Campus Recruitment. I want to express my gratitude to my college for providing requisite knowledge, skills and enthusiastic support which helped me to get placed in a reputed company. It is a good feeling to get placement through the campus as it boosts one's moral and self-esteem.

I want to thank all professors, Training and Placement Officer, Mr. Snehal Barot and the Director-Dr. H N Shah for their continuous support throughout the journey of study in GIT. I wish my fellow GITans Best of Luck for their bright future."A journey of thousand miles begins with a single step" I am very happy and excited to take that single step with India's largest MNCs.



Asit Kamani
Information Technology
Solute Technolabs LLP
Package: 3.70 LPA

INDUSTRY INSTITUTE INTERACTION CELL

"Stop doubting yourself, work hard and make it happen", this is what GIT has taught me in the past 4 years. I felt great when I was placed at one of MNCs in Gandhinagar named Tata Consultancy Services through our college Campus Recruitment. Along with academic excellence and disciplinary conduct, during the 4 years of my journey, I was given the opportunity to participate in a plethora of events like debates, GDs, drama that led to the overall grooming of my personality.

I thank our TPO, Mr. Snehal Barot, for his trust in my capability. He supported and encouraged throughout the placement process. I wish my fellow GITans best of luck and look forward to carry lots of happy memories along with life lessons to my workplace at Tata Consultancy Services.

Kavita Pawar
Computer Engineering
Tata Consultancy Services
Package: 3.36 LPA

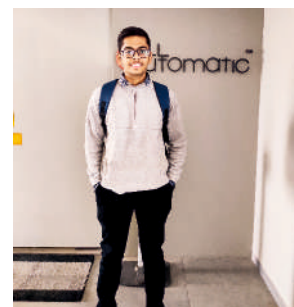


"So many of our dreams at first seem impossible, then they seem improbable, and then, when we summon the will, they soon become inevitable."

That is my feeling when I was placed at my dream Automation Company 'All automatic' through our college placement drive. Thank you is a very small word to describe how grateful I am to our TPO, Mr. Snehal Barot and Our Director-Dr. H N Shah Sir, all professors for continuous guidance, insight, knowledge and support in this process! Without GIT, my future would hold the reality of only one or two possible outcomes and my career options would be limited. Thanks to the university I have immersed myself into.

Over the years of new beginnings and fresh starts, I have learned the importance of paving a new road for my life. Yes, this can be scary, but some of my greatest accomplishments began with taking the first step. I have anchored in one of the college fests which was a very exploratory experience. Organizing and volunteering workshops, participating in competitions have shaped my personality. I wish all my fellow mates all the very best and rock on.

Daksh Patel
Electronics and Communication
All Automatic
Package: 2.0 LPA



It's my privilege to be part of GIT Family from past 2 years. I enjoyed each and every moment of my college life along with my studies. I have got all the platforms what MBA study requires with the excellent teaching staff and placements.

Apart from this, I would like to thank all my respected faculty members to enrich my knowledge in MBA, special thanks to our Director Dr. H N Shah under whose shade, the academy is enriching talents to individual and ample thanks to our TPO sir, Mr. Snehal Barot for working so hard with placement committee to place our young talented minds in well-organized companies to nurture their future goals and have well-mannered growth.

Thank You GIT Family,

Chetan Sharma
MBA
Reliance Retail
Package: 2.75 LPA



“Have faith in your dreams and someday, your rainbow will come smiling through.”

I fall short of words when I describe the spark of happiness that went through me when our placement officer, Mr. Snehal Barot called me to confirm my selection with India's leading Multi-National Company- ICICI Bank. Along with academic excellence and disciplinary conduct, during the 2 years of my course, I was given the opportunity to participate in a plethora of events like Debates, Group Discussions and Sports which groomed leadership in me. Anchoring some events helped me to enhanced the overall grooming of my personality and made me capable of appearing and clearing such interviews in life ahead.

I thank our Director-Dr. H N Shah, TPO, and faculties for their trust in my capability. “Believe in yourself and you'll be unstoppable” has always been his teaching to students. I'm proudly carrying bundles of joy and cherishable memories along with valuable life lessons from GIT to my new workplace at ICICI Bank. I wish my fellow and future GITians lots of luck and determination. Dream Big, Shine Bright.

Bijitha Christian
MBA
ICICI Bank
Package: 3.40 LPA



INDUSTRY INSTITUTE INTERACTION CELL

As being a foreign student from FIJI, I am bit worried at starting but after entering in GIT, all my worries come to an end. GIT, my home for four years gave me memories for life. The place where I made friends, who turned into family, literally! The place where I kept on having fun with friends year after year, not knowing we were making memories for the life time! The perfect infrastructure, green gardens, inspiring classes and labs, an innovative workshop, an awesome open-air theater, the beautiful seminar hall, an amazing library and of course the canteen, everything together makes GIT a perfect place to study and learn. The dedication, motivation and support from faculty members, enabled me achieve my dreams.



The best education and placement facilities by GIT can be the best thing according to parents looking for a college for their children. However, at the end of the course, you realize that GIT has taught you real life lessons that gives you confidence to face real life problems and survive through it, no matter what! I wish all the best to GIT and thanks to our Director Sir and our TPO for giving me the internship opportunities in All automatic.



Pauliasi Manuloa Dakunimata (FIJI)
Electronics and Communications
All Automatic
Internship (with stipend)

GIT'S PLACEMENT PARTNERS



MOUs

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
21/10/2020	Ashray Infracon Pvt Ltd, Ahmedabad	3 Years	EE / ME / CL
12/11/2020	Cri Limited, Gandhinagar	2 Years	ME
12/12/2020	Devarya Steels Llp, Ahmedabad	3 Years	ME
15/12/2020	Established Ipr Cell At GIT By Pic- Gujcost, Gandhinagar	2 Years	CE/EC/ME
01/01/2021	Binary Lifestyle, All Automatic, Ahmedabad	1 Year	EE / EC / MBA
09/04/2021	Devang Electricals, Ahmedabad	2 Years	EE / CE / IT
13/05/2021	International Automobile Centre Of Excellence, Gandhinagar	1 Year	ME
01/06/2021	Lyka Laser Tech, Khatraj, Gandhinagar	2 Years	ME / MBA
29/06/2021	Phalange Industries Pvt Ltd, Ahmedabad	3 Years	ME / EE / EC



MOU with CRI LTD



MOU with All Automatic



MOU with Devang Electricals



MOU with Lyka Laser Tech

STUDENTS' INTERNSHIP ACTIVITIES

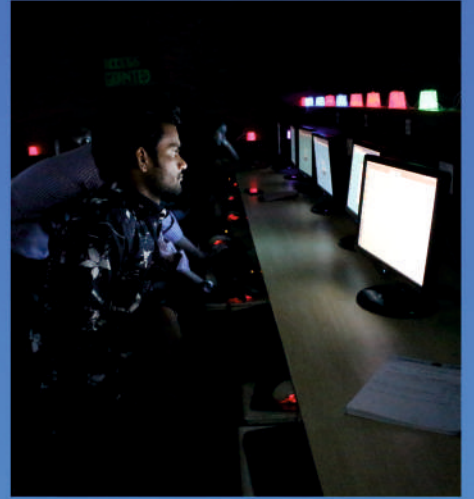
The internship gives students the opportunity to explore the field. It can provide a great transition between the education process and a career. An internship is a program offered by an employer to the students that provides potential work experience. The main objective of an internship is to expose students to a particular job and a profession or industry. An internship is a time period in which students are trained in a skill that they improve at and provided the opportunities to pursue their skill and knowledge in the industry.

Some of the best companies in which students got internship are Radixweb Pvt Ltd., Abaj Technologies Pvt. Ltd., Nirdhara Energy and IT Solutions, Ultra Electrical Transformer, Shetty Infraserivices Private Limited, Digimation Technology Ltd., Transit Electronics Limited, Shree Rama Multi Tech Ltd., Sidhdhcon Engineering, Vinayak Group, Whiteswan Buildcon LLP., Himalaya Construction Ltd., Adani Wilmar Ltd., Sardar Sarovar Nigam Ltd., M S Khurana Engineering Ltd., Adani Power Mundra Limited(Apmul), Atul Engineering Works, Autoism - Fortador Powered By Lamborghini, HT-Tech Engineers(Guj.) Pvt. Ltd., Nissan Industries, Sahjanand Engineering Pvt. Ltd., Percept Infotech, Puridiomin IT Services and Support, Silverwings Technoloioes Pvt. Ltd., Softcodina Solutions, Techneos Solutions Pvt. Ltd.,Vnurture Technology, Tatvasoft Pvt. Ltd etc.

Internship & Project Details AY July 2020 to June 2021						
	IT	CE	EC	EE	CL	ME
Internship Details	Students: 15	Students: 18	Students: 2	Students: 5	Students: 0	Students: 18
Project Details (IDP /UDP)	Students: 124 Groups: 52 UDP: 41 IDP: 11	Students:200 Groups:71 UDP:64 IDP:7	Students: 14 Groups: 06 UDP: 00 IDP: 06	Students: 27 Groups: 08 UDP: 08 IDP: 00	Students: 61 Groups: 17 UDP: 17 IDP: 00	Students: 120 Groups: 34 UDP: 27 IDP: 07



TECHXTREME MEMORIES



INTERNAL QUALITY ASSURANCE CELL

A higher level in the overall quality of education in higher education institutions is a prerequisite to equip students with the knowledge, skills and the competencies that they need to be successful after graduation. For this reason, each high school or university needs a functional and comprehensive quality management system like IQAC. Such a system (which must be a natural part of the overall management system) allows people to have confidence in the performance of higher education institutions. The IQAC should be a part of the institution's system and work towards realizing the goals of quality enhancement and sustenance. IQAC cell has been effective at GIT from 14th Nov 2019 with the focus to make the quality the defining element at GIT through a combination of self and external quality evaluation, promotion, and sustenance initiatives. As per GTU guidelines GIT IQAC cell comprises of Dr. H N Shah (Director, GIT), Chairman, Mr. Haresh Rohera (Trustee), Dr. S D Panchal (Academic expert, GTU IQAC coordinator), Mr. Hetal Shah (Industry Expert, CEO of Nutec Infotech), Mr. Dhaval Shah (Admin Officer, GIT), Prof. Madhuri Chopade (Assistant Professor, IT), Coordinator, Prof. Harshal Oza (Assistant Professor, ME), Co-coordinator, Dr. Nisha Khurana (Associate Professor, IT), Dr. Nimesh Gajjar (Associate Professor, ME), Dr. Virendra Chavda (Associate Professor, MBA), Prof. Margil Shah (Assistant Professor, CE), Prof. Sumedha Mahajan (Assistant Professor, CL), Prof. Ashish Pandya (Assistant Professor, EC), Prof. Naitik Trivedi (Assistant Professor, EE), Prof. Ruchir Parikh (Assistant Professor, ME). Following events were organized during the AY 2020-21 to create awareness about the IQAC initiatives:

Two Days Webinar on Hands-on Machine Learning using R

Computer Engineering Department and Information Technology Department, Gandhinagar Institute of Technology have organized, GUJCOST-DST sponsored Two Days State Level Webinar on “Hands-on Machine Learning using R” on 22nd-23rd October, 2020. The program has provided a valued platform for the industry specialists, academicians and students from institutes to exchange and explore the latest views on technological developments in the field of Machine Learning. Experts from industry and well-known academic institutions have delivered various sessions on Machine Learning, Artificial Neural Network, Convolutional Neural Network, Regression, Supervised & Unsupervised Learning. In the webinar, hands on exercises were also done on R language.



A Flyer on Two Days Webinar on Hands-on Machine Learning using R



A Flyer on Two Days Webinar on Demystifying Data Science using Machine Learning

Two Days Webinar on Demystifying Data Science using Machine Learning

Information Technology Department and Computer Engineering Department, Gandhinagar Institute of Technology have organized, GUJCOST-DST sponsored Two Days State Level Webinar on “Demystifying Data Science using Machine Learning” on 27th-28th October, 2020. The program has provided a valued platform for the industry specialists, academicians and students from institutes to exchange and explore the latest views on technological developments in the field of Data Science and Machine Learning. Experts from industry and well-known academic institutions have delivered various sessions on Data Science, Machine Learning, Data Processing Libraries, Deep Learning and Supervised & Unsupervised Learning. In the webinar, hands on exercises were also done on various data science tools and libraries like Numpy, Panda, Python Programming etc.

Two Days Webinar on Innovation in Concrete Construction

The Civil Engineering Department and IQAC GIT organized Two Days State Level Webinar on “Innovation in Concrete Construction” sponsored by GUJCOST on 6th -7th November, 2020 through Google Meet for 3rd, 5th and 7th Sem students to understand the new trends in the concrete industry. Dr. B. G. Buddhdev, Dr. J. R. Pitroda, Dr. P. J. Patel and Dr. L. R. Manjunatha, Prof. S. V. Kapadiya and Prof. J. D. K Patel discussed the innovation in concrete technology with the development of new trends. It also made everyone understand the design standards of Indian Standard Code, sustainable concrete, advanced construction materials and different properties of concrete materials using industrial waste.



A Flyer on Two Days Webinar on Innovation in Concrete Construction



A Flyer on Two Days Webinar on Innovation in Electric Vehicle

Two Days Webinar Innovation in Electric Vehicle

As we know our country is willing to adopt a 360-degree approach in order to turn into an EV nation, as the World, moving towards the adoption of electric vehicles due to their superior reliability, the Mechanical Engineering Department of Gandhinagar Institute of Technology organized GUJCOST sponsored Two Days State Level Webinar on “Electric Vehicles Modelling and Future Adoption” on 25th - 26th November, 2020 under the guidance of Director-Dr. H N Shah. On the Day 1 Dr. Sudhir Gupte addressed the Challenges for EV in India and future of EV in the context of affordable mobility. Dr. Madhukant Patel talked about the concepts of connected cars and the convenience it will bring in driving whereas Prof. Nirav Joshi made the participants aware about the need of EV. On the second day Dr. Suketu Jani discussed EV scenario in India followed by Industry expert Mr. Dhruva Pandya discussed about the different type of batteries and battery management systems. And last but not the least Prof. Sulay Patel explained the powertrain of EV. This Webinar gave overall information to participants about EV, its working, technological advancements, public adoption and government initiatives.



A flyer on Webinar on Awareness–Main tool for Citizen Cyber Security

Webinar on Awareness–Main tool for Citizen Cyber Security :

The Webinar was organized by Information Technology Computer Engineering Department and IQAC cell on 23rd June 2021 for students of 5th semester. The talk was on "Awareness–Main Tool for Citizen Cyber Security" delivered by Dr. Varun Kapoor who gave insights that being Aware is not just knowing but knowing and doing. He gave explanation of digital footprints, various cybercrimes, and role of people in preventing the same. 90+ participants attended the webinar. All the participants appreciated and benefited from the view on subject.

CLUBS & CELLS ACTIVITIES

Two Days Webinar on Innovation in Robotics and Automation and Its Application

The Mechanical Engineering Department of Gandhinagar Institute of Technology (GIT) organized GUJCOST sponsored Two Days State Level Webinar on “Innovation in Robotics and Automation and Its Application on 4th-5th December, 2020 under the guidance of Director Dr. H N Shah. The objective of webinar was to provide a valuable platform to exchange and explore the latest views and trends of Robotics from the Academic and Industry experts. GIT marked a day with a slew of expert sessions from Academia and Industry by providing a platform to robotics enthusiasts.



A flyer on Two Days Webinar on Innovation in Robotics & Automation and its Application



A flyer on STTP on Communication Skills & Ethics : A Modern Education Tool in 21st Century

3 phases online STTP on Communication Skills and Ethics: A Modern Education Tool In 21st Century

Gandhinagar Institute of Technology-IQAC Cell, Gandhinagar, affiliated with Gujarat Technological University, Ahmedabad organized three phases of a six days short term training program (STTP) with the financial support from AICTE, New Delhi on “Communication Skills and Ethics- A Modern Education Tool in 21st Century” from 28/12/2020 to 2/1/2021, 18/1/2021 to 23/1/2021 and 1/2/2021 to 6/2/2021 under the guidance of Director Dr. H N SHAH, Gandhinagar Institute of Technology. Honourable CHIEF GUEST, PROF. (DR.) NAVIN SHETH, VICE CHANCELLOR, GTU graced the STTP with his presence in inaugural function and appreciated the good organization of the event. Total 420+ registrations were done across India. Communication Skills and ethics are at the heart of professional life.

Six days online FDP on Post Lockdown Trends in CAD/CAM and Manufacturing for MSME

Gandhinagar Institute of Technology, affiliated to Gujarat Technological University sorted out six days online Faculty development programme, with the financial support from AICTE, New Delhi on “Post Lockdown Trends in CAD/CAM and Manufacturing for MSME” from 18th-23rd January, 2021. The FDP was organized for the faculty members affiliated to GTU and industry personnel, on an Online Platform, Google Meet with more than 100 registrations. The key focus outcomes of this online Faculty Development Program are related to the Vision and Campaign of Honorable prime minister “Local for Vocal” and “Aatma Nirbhar Bharat” This FDP will develop a better understanding of POST LOCKDOWN trends in CAD/CAM and Manufacturing for MSME.



A flyer on six days online FDP on POST LOCKDOWN Trends in CAD/CAM and Manufacturing for MSME



A flyer on AICTE Sponsored Webinar on New Education Policy 2020

AICTE sponsored Webinar on New Education Policy (NEP-2020)

Gandhinagar Institute of Technology, affiliated to Gujarat Technological University sorted out one day Webinar on “New Education Policy (NEP-2020)” on 3rd April, 2021. The Webinar was organized for the faculty members and staff members from GIT, on an Online Platform. Due to Covid 19 Situation, the expert was invited on Google Meet with more than 100 participants. The primary goal of this webinar is to make aware all the faculties about National Education Policy-2020. National Education Policy 2020 envisions an India-centric education system that contributes directly to transforming our nation sustainably into an equitable and vibrant knowledge society by providing high-quality education to all. Dr. Yashvant V. Joshi, Director, SGGGS CE&T, Nanded (MH) and Dr. H N Shah, Director, Gandhinagar Institute of Technology were the keynote speakers

Quality Excellence Award

Dr. H N Shah Director GIT received a “Quality Excellence Award 2021” on 15th August, 2021 at Baroda, Gujarat. This Award is given for excellence in Teaching-learning process, Research and Publication, Innovation, Use of Technology in Education, and Students Placement/satisfaction.

Gandhinagar Institute of Technology received a “Quality Excellence Award 2021” on 15th August, 2021 at Baroda, Gujarat. Dr. H N Shah Director GIT, Prof. Madhuri Chopade, GIT-IQAC coordinator and Prof. Harshal Oza, GIT-IQAC Co-coordinator received the award. The event was organized by Indian Quality Assurance Council (IQAC) in collaboration with Indian Society for Training & Development (ISTD) Vadodara. The chief guest of the Award ceremony were Prof. Parimal Vyas VC, The MS University, Baroda, Prof. Prem Sharda, Former VC, SGU Surat, Prof. Jayrajsinh Jadeja, VC, KSKV Kachchh University, Prof. Ramesh Kothari former VC, Veer Narmad South Gujarat University, Shri KRK Singh (ONGC Executive Director), Shri Dilio Desai, ISTD Vadodara Chairman. Dr. Gyanvatsal Swami of BAPS was keynote speaker of the session.



GIT received 2 Quality Excellence Awards

CLUBS & CELLS ACTIVITIES

Intellectual Property

GIT SSIP & IPR Cell has organized a faculty development program on Intellectual Property on 22nd November 2020. In the knowledge-based society or economy, the understanding and implementation of IP rights plays a crucial role. The resource person Dr. Anish Gandhi has shared wonderful examples to explain different types of IP. He also added that to apply for a patent, it is very essential that innovators must not publish the content anywhere. He elaborated that different types of IP can be opted on a single product. The faculties found the session very informative and needed.

Patent Drafting Workshop

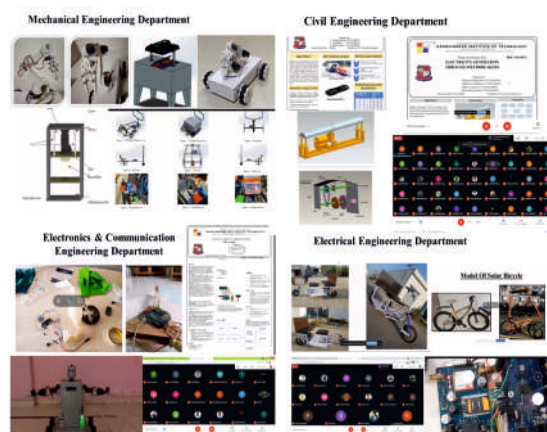
GIT SSIP & IPR Cell has organized a "Patent Drafting Workshop" on 2nd-3rd March 2020. In the knowledge-based society or economy, the understanding and implementation of IP rights play a crucial role. The resource person Dr. Manish Rancch has informed about patent laws and the importance of patents, Mr. Amit Patel discussed "How to do prior art search?" and Dr. Anish Gandhi has explained through hands-on exercise on patent drafting with wonderful examples to explain different types of IP.

M2M Challenge winner

The M2M challenge was organized by i-Hub, A Gujarat Government Enterprise. The challenge was to solve the problems of 4 different categories like Defence Innovation Challenge, Energy Challenge, ITC Challenge, Toy Innovation Challenge. 10 Teams have participated in the challenge from GIT. Aditya Bajpai, students of EC, won the M2M challenge in Defence Innovation category and he got financial support of Rs 4,19,700/- to provide the solution.



M2M Challenge Winner Aditya Bajpai



Project Fair & Design Demo Day 2021

SSIP Financial Support

The project review for the final and prefinal year students was scheduled from 26th-28th November 2020 through online mode. The interdisciplinary panel of 3 faculty members had evaluated these students' projects. Total 250 teams have participated in the SSIP review for the financial support. Out of which top 65 teams had been shortlisted for the final round of SSIP External Review. The external review was scheduled from 26th-28th November 2020 in which industry experts like Mr Dhruv Saidava, Dr Archit Somani, Mr Hetal Shah, Mr Naresh Kakkad etc had evaluated the students' projects. Top 15 teams have cleared final round of External Review. The financial support of Rs 329383/- was sanctioned to respective teams as per their requirements.

SSIP AND IPR ACTIVITIES

Government of Gujarat has provided the SSIP Grant (Student Startup Innovation Policy) to Gandhinagar Institute of Technology since July 2018. The aim of the SSIP is to create and nurture the Startup Ecosystem for the students. The culture of Startup and 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 under the guidance 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	Practical Concepts about Construction Site	03.06.2020	52
2	Nothing will work unless you do	06.06.2020	33
3	Emerging Trends in EC - A Step towards Digital India	07.06.2020	32
4	Innovation distinguishes between a Leader and a Follower	09.06.2020	24
5	Pre-Cast Constriction Technology	10.06.2020	49
6	Developing Engineer's Skill in Engineering - SolidWorks	12.6.2020	41
7	BIM Technology	12.6.2020	28
8	Industrial Automation Version 4.0	13.06.2020	39
9	Latest Advancements in AI, ML, VLSI & Automotive Realm	14.06.2020	74
10	How to become Successful and Responsible Engineer	21.06.2020	49
11	Career Hacking: So, you finished your study, what's the next move?	28.06.2020	39
12	My Entrepreneurial Journey	04.07.2020	53
13	Basics of Machine Learning	11.07.2020	57
14	ISO Certification (IMS) and its briefing	11.07.2020	46
15	Management as Career Option	18.07.2020	35
16	Your Network is the Net worth	25.07.2020	31
17	An Overview of MS Project - A project Management Software	29.08.2020	40
18	FDP on IPR	22.11.2020	68
19	Patent Drafting Workshop	01 & 02.12.2020	64
20	Patentability of Computer Related Inventions in India 10.12.2020	10.12.2020	19
21	SSIP Internal Review	25, 26, 27.11.2020	655
22	SSIP External Review-5	26, 27, 28.11.2020	219
23	Sensitization Program	29.01.2021	51
24	Innovation Presentation technique	08.02.2021	18
25	SSIP External Review-6	12.02.2021	38
26	SSIP External Review-7	20.02.2021	13
27	SSIP IPR Session 1: Patent Drafting for Beginners	17.02.2021	18
28	SSIP Meeting for approved Teams	01.03.2021	28
29	SSIP IPR Session 2: Patent Search & Analysis	10.03.2021	14
30	Design Demo Day	26.03.2021	491
31	Project Fair	27.03.2021	549
32	SSIP IPR Session 3 Patent Drafting Exercise	12.04.2021	11
33	GIT Vs COVID Ideathon' 21	09.06.2021	30
Total Participants			3008

SSIP Events overview

Sensitization Program

GIT SSIP Cell has organized a "Sensitization Program" for the students of first year Bachelor of Engineering in alliance with IPR Cell and IIC Cell. Prof Mrugesh Khatri, SSIP coordinator has shared information about SSIP policy, need of startup, disruptions due to startup etc. Prof Jyotin Kateshia, IPR coordinator has educated participants about IPR policy, various forms of IPR, importance of IPR etc. Prof Sejal Bhavsar, IIC coordinator, has spread awareness about various innovation-based events under IIC and National Innovation Challenge. Students were delighted by the information provided during the session.

CLUBS & CELLS ACTIVITIES

Teams Details

Student Name	Enrollment No	Project Title	SSIP Grant Approved (Rs)
Gandhi Yugma Shah Nirmit Shah Devansh Gandhi Meet	170120119017	Aerial reforestation	21445
	170120119089		
	170120119087		
	170120119016		
Savani Parth Rajput Adarsh Chorge Abhishek Shah Aashay	170120119083	Automatic Agricultural Machine	17840
	170120119079		
	170120119010		
	170120119084		
Soni Janardan Hingu Abhishek Rami Tirth Rana Mihir Patel Dharmik	190123119039	Wall Clock	2410
	190123119003		
	190123119014		
	190123119015		
	190123119013		
Patel Kishan Nakhuda Adib Mustaq Makwana Akshay Patel Jeel	170120119062	Artificial Intelligence Powered Multipurpose Robotic Arm	15030
	160120119060		
	170120119032		
	170120119057		
Patel Devang Pandey Rohitk Senva Nirmal Kharvar Sagar	190123119012	Modified Fire Artillery	1300
	190123119010		
	190123119034		
	190123119023		
Shah Vraj Kumar	170120119093	Efficient Shopping Cart	21885
Patel Raxit Jaydip Sidhhpura Aman Sharma	180123116012	Smart Traffic Management System (SMTS)	12050
	180123116018		
	170120116099		
Kavan Jadeja Kirit Raval Neel Shah	180123116006	The World of Learning	73950
	180123116016		
	170120116091		
Ameel Patel Drashti Patel Neel Patel	170120116046	Medicine Reminder & Advisor	31900
	170120116053		
	170120116063		
Koshti Neel Bhimani Akshay	170120116029	Off-Grid Communication System	5700
	170120116007		
Jainam Vora Aagam Shah Shruti Mirani	170120116122	Face mask Detection And temperature Detection	4450
	170120116085		
	170120116035		
Shah Nemi Shah Krushna Shaikh Mohammed Ashfand	170120107157	Smart BRTS Ticket Booking System Based on Alexa	24000
	170120107155		
	170120107162		
Patel Vini Jani Khushali Pathak Vaani	170120107128	Community Portal	35000
	170120107052		
	170120107131		
Bhavesh Poptani Sharma Yash Pranav Pandita	170120107133	Hand Gesture to Speech Conversion	25584
	170120107163		
	170120107138		
Kathan Soni Mohammad Rishan Shaikh Yashesh Pathak Yashvi Shah	180120107169	Android Tourist Guide	36839
	180120107160		
	180120107189		
	180120107159		
			329383

IPR Cell Update

GUJCOST IPR MOU Signed:

The GUJCOST has established IPR cell at GIT on 15th December 2020. The objective was to provide the support for IPR related projects. Total 72 students' applications were evaluated at the internal level. And they have been submitted to GUJCOST for the evolution of their patentability. Total six design patent applications have been filled out of these 72 teams.

Teams Details

Sr. No.	Name (Enrollment No)	Title of Innovation
1	Chorge Abhishek (170120119010) Savani Parth (170120119083) Shah Aashay (170120119084) Rajput Adarsh (170120119079)	Multipurpose Agricultural Machine
2	Soni Janardan (190123119039) Hingu Abhishek (190123119003) Rami Tirth (190123119014) Rana Mihir (190123119015) Patel Dharmik (19023119013)	Wall Clock
3	Jay Dave (170120119014) Karan Gounder (170120119021) Viren Panchal (170120119042)	Portable Sensitization Tunnel
4	Pandya Yash (170120119045) Patel Jaiminkumar (170120119055) Patel Jeetkumar (170120119058) Patel Joy (170120119059)	Agriculture Seed & Fertilizer Feeder with Linear Plough Digger
5	Rahul Pandey (160120119072) Nihar Pandya (150120119105) Urvesh Parmar (150120119110) Utam Rathod (150120119160)	Cloth Ironing and Folding Machine
6	Gandhi Yugma (170120119017) Shah Nirmal (170120119087) Shah Devansh (170120119089) Gandhi Meet (170120119016)	UAV for Seed Dispensing

Six Design Patent Filed

The Design Patent filing have been done by 6 teams of GIT students under IPR Cell. The teams got IP facilitator support and the financial support of Rs 36,450/- under SSIP for patent filing.

One Design Patent Approved

GIT Congratulates team RAAH for its selection under GTU SSIP Grant. The team members have prepared eco-friendly folding electric vehicle-RAAH for which they got SSIP support. The vehicle also recognizes speech. The IOT based technology in this electric scooter helps owner to find their vehicle in the parking. Raj Shah (140120109054), Himad Desai (140120109008) and Abhishek Choksi (140120109005) have filed Design patent of the same at The Patent Office, India. Their Design Patent got approved and they got the Certificate of Registration of Design from the Patent Office.

Webinar on Intellectual Property Rights and Patents

GIT IPR, GIT SSIP, GIT IIC, and GIT IQAC have organized two days GUJCOST sponsored national-level webinar on "Intellectual Property Rights and Patents" on 21st-22nd June, 2021. The objective of the webinar is to aware of Intellectual Property Rights for faculties and students. This webinar focused on patent, design patent, copyright, trademark, trade secret, the commercialization of patents, and IP laws applicable in India. The webinar was attended by Professors, Associate Professors, Assistant professors, Researchers, Engineering students from 39 institutions and universities across India.



MOU Signed between GIT & GUJCOST for IPR



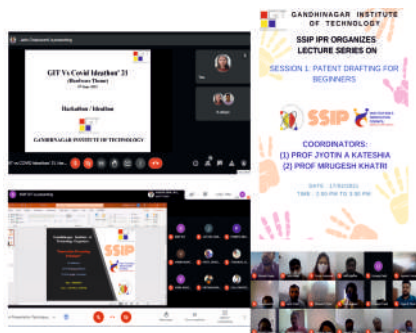
6 Design Patent Filled by GIT Students under IPR & SSIP Cell

CLUBS & CELLS ACTIVITIES

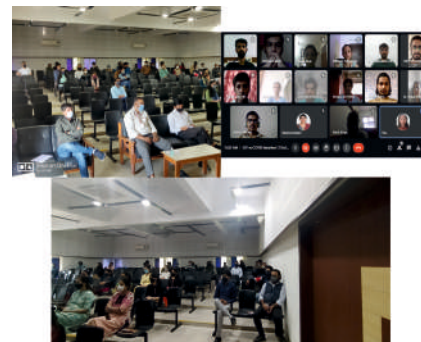
Hackathon Updates/Achievements

GIT Vs COVID Ideathon' 21 (09.06.2021)

The Ideathon titled “GIT vs COVID Ideathon' 21” was organized by Hackathon cell of the Institute for all the students of Gandhinagar Institute of Technology with a certain timeline. The Ideathon was announced on 1st June, 2021 and students were given two themes, Software and Hardware, to participate as per their interest. Total 12 teams applied for the competition with their prototypes. Both the themes had sufficient definitions for the students to come up with their ideas. The screening of the participant teams was done by a panel of three members in each theme on 9th June, 2021. The Software panel consisted of three members namely Dr. Nisha Khurana, Prof. Raxit Jani and Prof. Pooja Shah and Hardware panel consisted of three members namely Prof. Jatin Chakarvarti, Prof. Amit Patel and Prof. Naitik Trivedi. Each team was evaluated on the basis of three criteria. Students from all the branches participated in this event with full enthusiasm.



Events Organised under SSIP, IPR, IIC & Hackathon Cell



Events Organised under SSIP, IPR, IIC & Hackathon Cell



Project Fair & Design Demo Day 2021



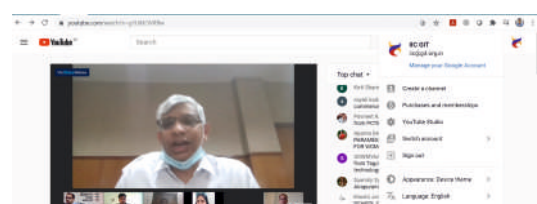
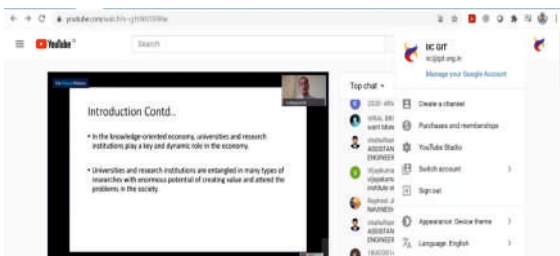
INSTITUTION'S INNOVATION COUNCIL

Institution's Innovation Council (IICs) aims to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes. MIC has proposed encouraging creation of Institution's Innovation Council (IICs) across selected HEIs. The main objectives of IIC are to develop better cognitive ability among the students, create a vibrant local innovation ecosystem and provide start-up supporting mechanisms in the institute and to establish a functional ecosystem for scouting ideas and pre-incubation of ideas.

Events Conducted under the banner of IIC

1. IIC in collaboration with the WDC organized a webinar of 'GCCl Women Start-up Program "Atmanirbhar Nari" under the banner of iHUB and Gujrat Chamber of Commerce on 7th May, 2021, Friday where more than 40 female participants participated from GIT.

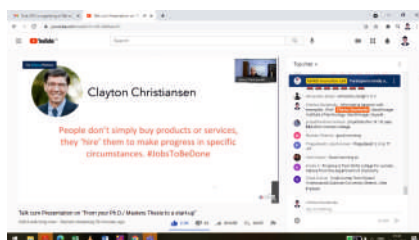
2. Ministry of Education (MoE)- MIC had organized session entitled "Why IP is important in academia?" On World IP Day 26th April, 2021. Main focus of the session was to discuss role of Intellectual Property and role of IP in Academia. 56 faculty Members and students participated in the session. The keynote speaker Dr. Abhay Jere, Chief Innovation Officer, MoE's Innovation Cell had delivered idea for Intellectual property rights and funding agency. He explained that 50 percent fund they are giving to intellectual property related projects. His main focus was to create ecosystem in the higher education institutes. Another speaker Dr. Mohit Gambhir, Innovation Director, MoE's Innovation Cell had elaborated Importance of IP for Academia. He discussed in the introductory session that we are in the information age and universities and research institutes play a key and dynamic role in the economy. Dr Mohit shared the India's Research and Innovation output i.e. no of patents, no of publications, Quality research.



Dr. Mohit Delivered a Session on Why IP is Important in Academia

Dr. Abhay Jere Delivered ideas about IPR & Funding Agency

3. Ministry of Education (MoE) had organized a talk entitled "From your Ph.D./ Masters Thesis to a start-up" for Higher Education Institutions (HEIs) on 23rd April, 2021. The talk was organized for faculty members, PhD and master pursuing students. The session was useful regarding business ideas from PhD research and encouragement for startups. More than 50 faculties and 25 master students from Gandhinagar Institute of Technology had attended this MIC driven talk. The keynote speaker Dr. Anand Deshpande, Founder and CMD, Persistent Systems delivered very informative contents. Prof Anil D. Sahashrabuddhe, Chairman, AICTE was the session chair in the talk. Dr. M.P. Poonia, Vice-Chairman, AICTE, Prof. Rajive Kumar, Member Secretary, AICTE and Dr. Abhay Jere, Chief Innovation Officer, MoE's Innovation Cell were guest of honor of the talk.



Dr. Anand Deshpande elaborated Startup Related Contents



Expert Session elaborated with Examples

CLUBS & CELLS ACTIVITIES

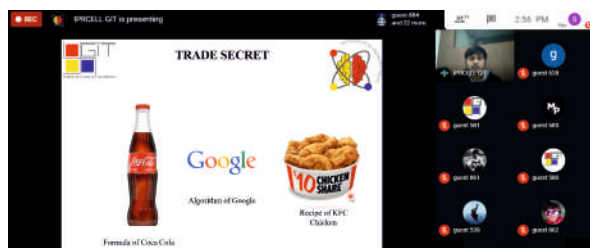
4. The session on “Orientation session for all students and faculties of Institute by Innovation Ambassador” was organized on 19th May, 2021 at Gandhinagar Institute of Technology by Innovation Ambassadors. The seminar was organized to provide exposure innovation, start-up & IIC. The objective of the session was to share the information regarding the startup activities at the institute, the benefits of SSIP and IIC cell etc. The silent objective was to educate them about need of startup in the current situation. 51 students participated in the session. The session started at 2 pm through Google Meet. Prof Mrugesh Khatri has initiated the session with the definition of startup. In the next session, 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. In the final session, Prof. Sejal Bhavsar had covered various objectives of the Innovation council cell. The students were motivated regarding importance of Innovation, toycathon event and procedure of IIC cell. The event was a grand success under the enlightenment of Dr. H N Shah, Director of the institute and the participants.



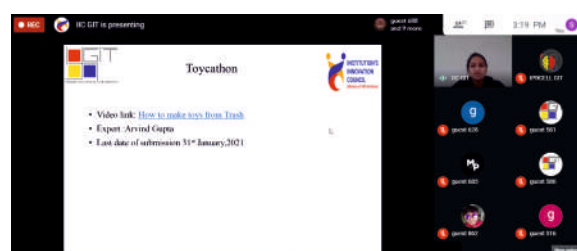
Initiation of the Webinar



Prof. Mrugesh Khatri sharing information about SSIP



Prof. Jyotin Katesia sharing information about IPR



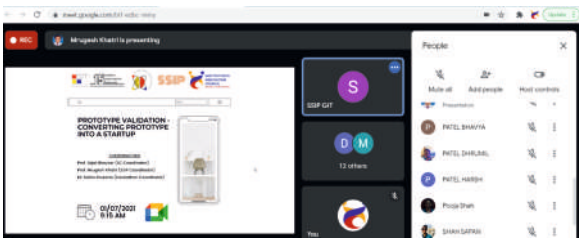
Prof. Sejal Bhavsar sharing information about IPR

5. GIT- IIC Cell along with SSIP Cell and Hackathon had organized a session on “Prototype Validation- Converting Prototype into a Startup” for students on 1st July, 2021. The objective was to make students aware regarding conversion of an idea to startup. More than 40 students from Gandhinagar Institute of Technology had attended this talk. It was a very interesting session with extremely rich content, where prototyping validation was also covered along with the prototyping.

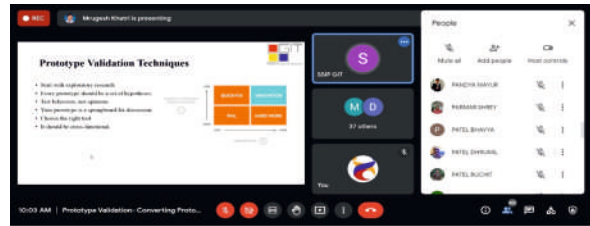
The session was initiated by Prof. Sejal Bhavsar, Coordinator IIC Cell who welcomed all the participants and gave the introduction of the session. The speaker Prof. Mrugesh Khatri, Assistant Professor (ME), SSIP Coordinator Gandhinagar Institute of Technology delivered very informative contents regarding Converting Prototype into a Startup. The prototyping cycle- Ideas-Build-Test was explained very effectively by the speaker along with the basic steps of prototyping. At the end of the session, Dr. Nisha Khurana, Coordinator Hackathon Cell, delivered a thanks note and showed her gratitude to everyone on behalf of IIC, SSIP, IPR and Hackathon cell for attending this session.

6. Under the IIC program, MIC organized a session entitled “National Webinar on Research, Innovation, and Ranking” for Quarter 4, on 11th August, 2021. The webinar was conducted as the part of one-year celebration of National Education Policy 2020 (NEP 2020). IIC coordinator spread the announcement through mail in the institute. Dr. Rajkumar Ranjan Singh, Hon'ble Minister of State for Education and External Affairs, Govt. of India was the 'Chief Guest' of the program while Prof. K. VijayRaghavan, Principal Scientific Advisor, Govt. of India was the 'Guest of Honor'. The activity was conducted in online mode on YouTube.

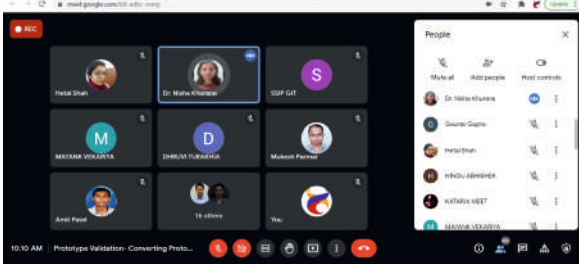
CLUBS & CELLS ACTIVITIES



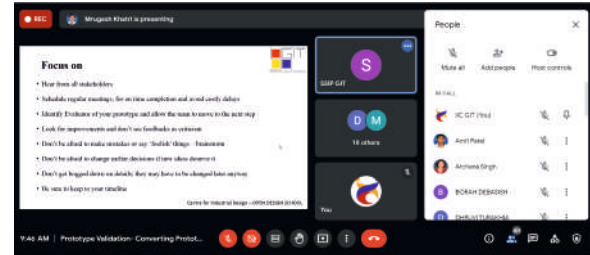
Session Conducted by the IIC, SSIP & Hackathon Committee



Session elaborated by the SSIP Committee



Session attended by Faculties



Session attended by Students

7. IIC has successfully completed all the 3 activities on the World Entrepreneur's Day celebration on 24th August, 2021. The entrepreneur day celebration started with a healthy panel discussion with students on start-ups and innovative prototypes, faculty/staff entrepreneurs. It was followed by poster-making competition on entrepreneurship where students showcased their creativity. At the end of the day, Mr. Yash Sharma founder and CEO of Xatch Software guided and talked about the journey, success, failure and hindrance faced by the entrepreneurs. The event was a grand success under the enlightenment of Dr. H N Shah, Director of the institute and the participants.



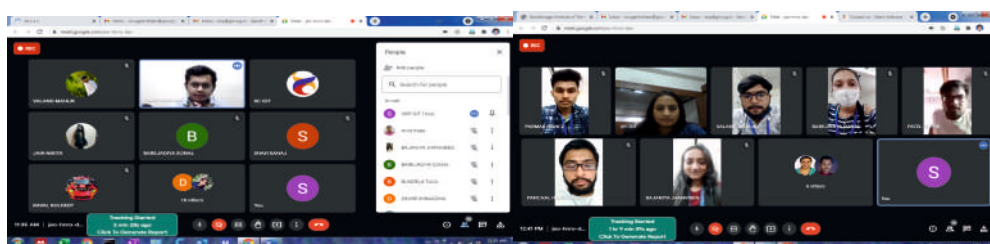
Webinar conducted on YouTube



Panel Discussion among Faculties & Students on Startups & Innovative Prototypes



Poster Making Competition on Entrepreneurship



Alumni Entrepreneur Expert Talk by Yash Sharma

WOMEN DEVELOPMENT CELL

Women Empowerment and Gender Equality are the most important necessities for the upliftment and advancement of a nation. In the effort to make Gandhinagar Institute of Technology as a strong core institute of gender sensitization, the Women Development Cell (WDC) works for the overall development of the female faculties as well as the students. It works with an objective to prevent sexual annoyance and plays an important role in voicing opinions on important matters that affect the daily life of female students, teaching and non-teaching women staff of GIT. The cell has been organising various varied academic, technical, medical, cultural and social events for the upliftment of women and spread the real significance of gender equality in the society through college students. The list of events conducted, this year, are noted down below:

International Women's Day 2021

Gandhinagar Institute of Technology celebrated 'International Women's Day on 8th March, 2021 under the banner of Women Development Cell. International Women's Day is a global celebration honouring social, economic, cultural and political achievements of women and marks a call for accelerating gender parity. The objective of celebrating this grand day is to give respect to women and to create an atmosphere of unity, celebration, reflection, advocacy and action – to bring global initiatives at the local front.

Zumba Session by Zin Neha

The day started with a Virtual Zumba Session by Zin Neha from Bangalore. The Session was conducted via Google Meet. The Student Coordinators initiated the day with a charming introduction and greetings to the female faculty members as well as female students. The session was carry forwarded with an explanation and importance of Zumba. She initiated with very simple steps of Zumba and make us dance throughout the session. She enthusiastically involved all the students to move their footsteps and everyone enjoyed the session too much.



Zumba Session with Zin Neha on Google Meet



Faculties & Students enjoying Zumba



Female Students & Faculties enjoying the mood of the day



A Group of International Women's Day

Poetry Writing and Recitation Competition

A poetry writing and recitation competition was organised for the female students and they were given the topic related to the women. The girls students wrote their opinions very poetically and recited in a very jovial way. They were judged on different parameters like relevance to the theme, creativity and originality, clarity of language and Expression and pronunciation and lastly the level of complexity to represent the poetry.

CLUBS & CELLS ACTIVITIES



Poetry Recitation by a Participant



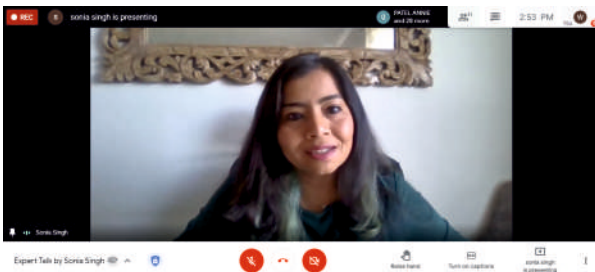
Panel Evaluating the Poetry Writing Competition

Logo Making Competition

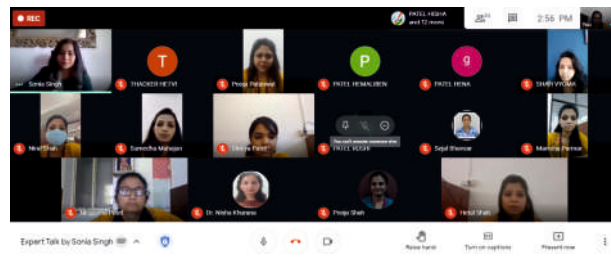
A WDC Logo Making Competition was also organised for the students well in advance in which the students have to submit the logo through google forms and the best of logo was selected as the winner of the Competition. The winner for the said event was Ms. Sanjana Singh from EC Department.

Expert Talk by Ms. Sonia Singh

An expert talk was organised on the eve of International Women's Day Celebration. The talk was organised virtually via Google Meet. The talk was led by Ms. Sonia Singh, Co-founder-Director Growth, Collectcent Ads, Bengaluru. It was truly a motivational talk. She talked about making of next generation of women Leaders. She wonderfully explained a concept of Glass Ceiling (Human Capital, Gender Differences and Prejudice). She also gave information regarding Critical thinking and Problem Solving. She also suggested some tips for Motivation in life.



An Expert Talk by Sonia Singh



Participation of Female Students & Faculties

A Token of Gift by GIT

A small token of gift was also given by the GIT Family to all the female members of the institute including Class 4 Female staff. The day ended well with the smooth conduction of all the events with the support of Trustees, Director Sir, WDC Coordinators- Dr. Sneha Patel and Prof. Vaibhavi Ghariya, female faculty members as well as student coordinators. The events were remarkable and fulfilled its purpose of making the girls realize that every day is her day.



A Small Token of Love for All the Female Faculty Members



A Small Token of Love for All the Class 4 Workers

CLUBS & CELLS ACTIVITIES

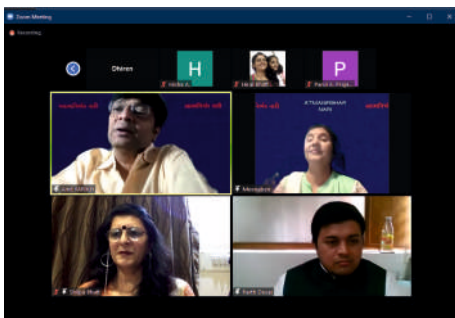
i-Hub and GCCI Women Start-up Program “ATMANIRBHAR NARI :

Women Development Cell (WDC) of Gandhinagar Institute of Technology in collaboration with the IIC (Institute's Innovative Council) attended a webinar on 'GCCI Women Start-up Program “Atmanirbhar Nari” under the banner of i-Hub and Gujarat Chamber of Commerce and Industry. The main motive to attend this webinar was to understand the importance of women being self-dependant in the start-up programs and for the ladies who want to start new business and the Start-ups enablers and people supporters. The Program was held on 7th May, 2021 where more than 40 female participants participated from GIT.

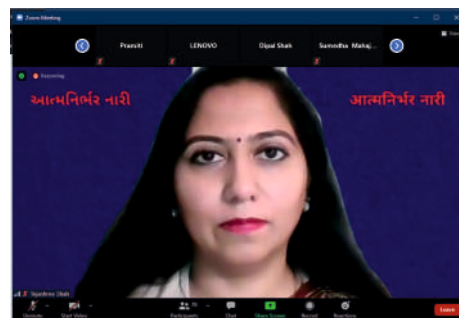
The webinar started up with a warm welcome of the guest of honour named Ms. Meenaben Kavya who is the Director at Ayma Creations and a chairperson at Apparel and Madeups Task Force, GCCI. She firstly congratulate the three women entrepreneurs and explained about the self- dependent women in the era of women entrepreneur. She explained about the “ATMANIRBHARNARI” with respect to social, economic and political era including their contribution towards the family and how to structure the planning towards each and every thing. Further, she talked about the importance of women in the ancient era over the western era which is observed nowadays and how the women should be treated.

The webinar was carried further by the explanation of the three start -ups by the three different female entrepreneurs. The foremost start-up was about the product which explained about the Vegan Vitamin D enriched foods and the start-up was named as D'BELLO and the founder and director of this product is Ms.Menka Gurnani. She explained about the product and its utility which serves for the well being of many people and a new enhancement in the era of entrepreneurship.

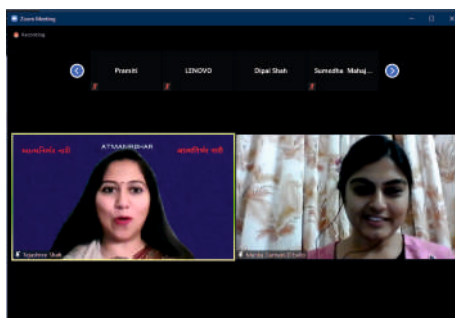
The second start up named LYMBEDGE LLP whose founder and director is Ms. Sarika Chitrodiya. She created a product as teleconsultation support in the healthcare domain and served many people with the knee problem issues absorbed in the peer in about the age of 45.She also explained about the ligament issues and how her product has been useful to serve the people of society.



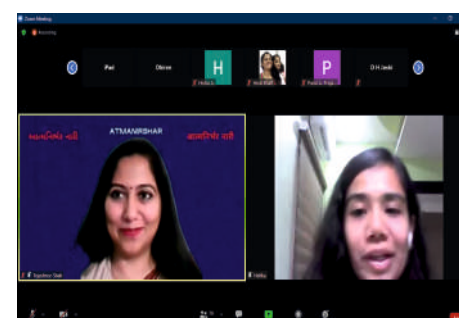
Members of Gujarat Chamber & GCCI Startup Programme “Atmanirbhar Nari”



Moderator Welcoming the Female Youth and explaining about the Self-Dependent Women

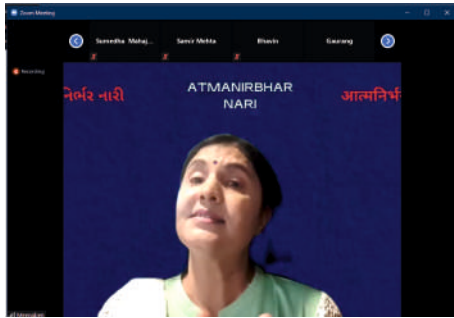


Moderator Welcoming First Women Entrepreneur Ms. Menka Gurnani

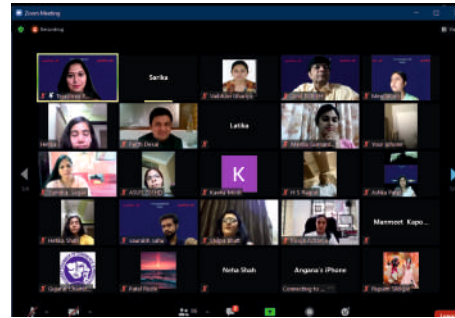


Moderator Welcoming Second Women Entrepreneur Ms. Hetika Shah

CLUBS & CELLS ACTIVITIES



Ms. Meena Kavya Addressing the Audience



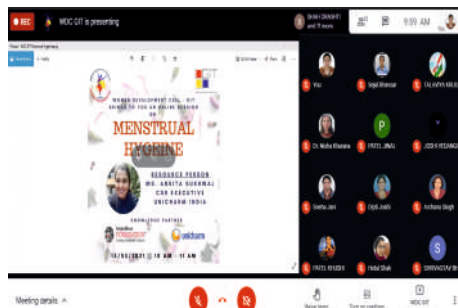
Enthusiastic Participants enjoying the Session

The last and foremost start-up's name was Sanctuary Innovative Safety Equipment(4S SHIELD)and the founder and director is Ms. Hetika Shah .She is a mechanical engineering student and her product name is NANOFIBRE based virus protective sustainable 4S shield. She explained the importance of mask and as today the country is facing a pandemic situation, she came up with the idea to protect and serve a good quality product to the countrymen.

Lastly, the webinar ended up with huge round of applause and encouraging the female youth to outrage themselves and think beyond the box and serve the nation and also become self-dependent in the present era.

Webinar on Menstrual Hygiene

Gandhinagar Institute of Technology conducted a webinar on “Menstrual Hygiene” on 15th May, 2021 under the banner of Women Development Cell. The objective of arranging such type of webinar was to make aware about the importance of hygiene management. The event was organized for the female faculties and female students of GIT. Around 100 Participants participated in this webinar. It was led for an hour which totally explained about the menstrual hygiene management.



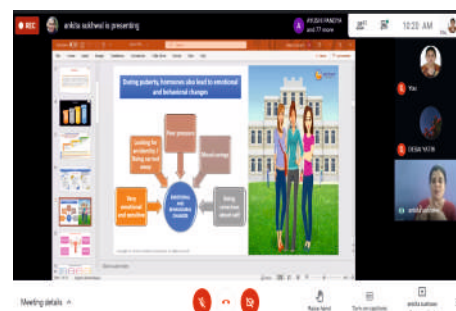
Beginning of the Webinar displaying all the female Participants



Welcoming of the Expert by WDC Co-ordinator



Expert Talking about the Physical Changes observed in Females



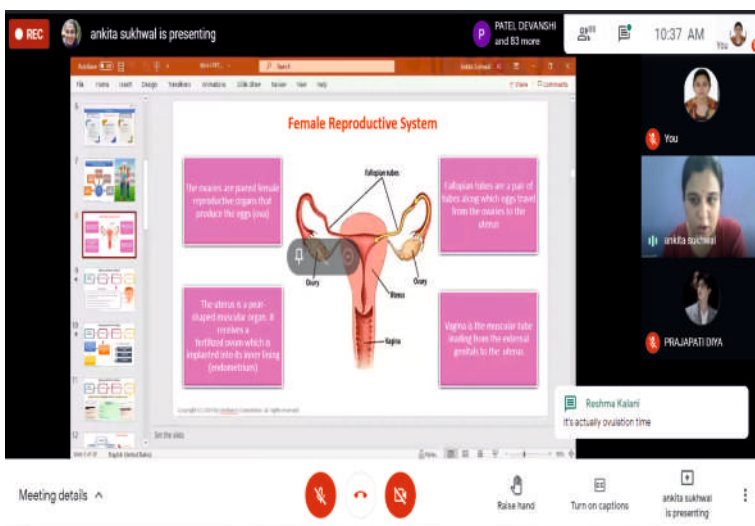
Explanation of Behavioral and Emotional Changes

CLUBS & CELLS ACTIVITIES

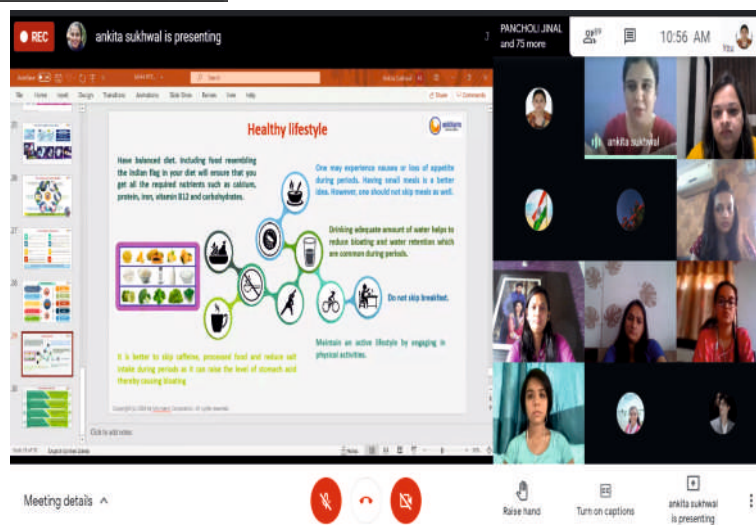
The webinar was conducted by the resource person named Ms. Ankita Sukhwal, CSR Executive in Unicharm India with the knowledge partner Globalhunt Foundation. She firstly explained about the terms Menstruation and its importance. Further, she continued the session by explaining the terms like puberty, adolescence, biological and genetically social factors which are commonly observed during the specific intervals in female youth. She elucidated about the hormonal changes in the girls and the boys. Additionally, she clarified the hormonal change with respect to the behavioural and emotional deviations with different aspects like peer pressure, mood swings, looking for an identity, compassion, being conscious about self.

Moreover, she carried the session by illustrating different phases and structure of reproductive system. Lastly, she talked about the menstrual management where she illustrated about the duration and tracking of period cycle and make the female students understand about the cycle. Even, she talked about the pre-menstrual syndrome and concluded the session by explaining about the healthy lifestyle and misunderstanding with respect to PCOD and PCOS which are considered during specific time.

The webinar ended successfully with a huge round of questions and answer session by the participants. The expert made them understood very well. The webinar was fruitfully accomplished under the guidance of Trustees, Director of the institute, WDC Coordinators and Participants.



The Expert Describing Female Reproductive System



Beginning of the Webinar displaying all the female Participants

HEALTHY CAMPUS COMMITTEE

The Healthy Campus Committee (HCC) of Gandhinagar Institute of Technology has always been at the forefront when it comes to taking 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. HCC believes in building a community where each student contributes meaningfully and productively for the betterment of the society. 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 are collectively coordinated and executed by the committee members comprising of Prof. Jatin Chakravarti (HCC Coordinator, EC), Dr. Nehal Shah (MBA), Prof. Maitri Patel (CE), Prof. Dhaval Panchal (ME), Prof. Juhil Kapatel (CL), Prof. Swapnil Panchal (IT) and Prof. Rahish Silavat (EE). Following events were organized by them during the AY 2020-21 to create awareness about the HCC initiatives:

Participation of HCC students in "ART-A-THON 2.0"

The High on Life Foundation, in association with Narcotics Control Bureau (Ahmedabad Zonal Unit), Samaj Seva Suraksha Office (Ahmedabad District), Ahmedabad Police & Gujarat Police organized "ART-A-THON 2.0", an online Drawing and Painting Competition on 26th December, 2020. The event was organized to spread awareness about Drug Abuse and Mental Health in the youth. Around 3000 students participated from different schools and colleges. Our students won laurels and made us proud by taking part in this noble cause. Ms. Sanjana Singh (180120111008, Sem. 6, EC) won the 1st Prize in the "Mental Health" theme for her painting titled "Embrace Life-Addressing Mental Health issues". Ms. Diya Patel (200120107058, Sem. 1, CE) won the Runner-Up Prize in the "Addiction Free" theme for her painting titled "Say No to Drugs".



Ms. Sanjana Singh (Sem. 6, EC) won 1st Prize in the "Mental Health" Theme



Ms. Diya Patel (Sem. 1, CE) won the Runner-Up Prize in the "Addiction Free" Theme



Paintings of other GIT Students

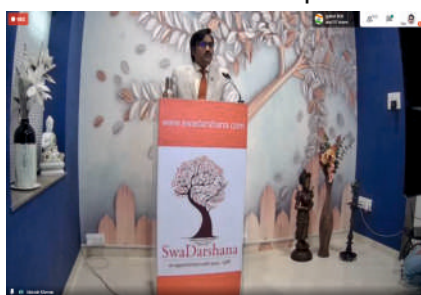


ART-A-THON 2.0 Flyer

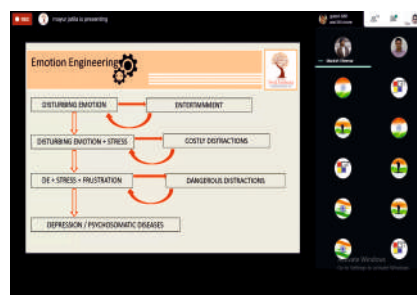
CLUBS & CELLS ACTIVITIES

Webinar on Emotion Engineering

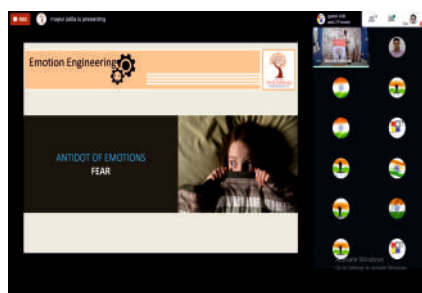
The Healthy Campus Committee of GIT organized a 'Webinar on Emotion Engineering' on 8th January, 2021 for the students of Sem. 1. The webinar was conducted by Dr. Manish Khernar who is a Clinical Hypnotherapist and founder of "Swadarshana Therapies", Ahmedabad. The webinar enlightened students about different causes of stress, anxiety, frustration, distraction, boredom and depression. Dr. Manish explained how different clinical hypnotherapy techniques like spirituality, sound healing and quantum healing can be employed in order to restore and optimize the overall well-being of a student in various aspects of his/her physical, emotional, social and spiritual life. He further added that the antidote to different emotions like fear, loneliness, inadequacy, boredom, anger and guilt are 'rationalizing and acting on it', 'having peace with one's self', 'appreciating people', 'taking challenges', 'forgiving others' and 'forgiving your own self'. Students shared some personal anecdotes about their friends and family who faced anxiety and depression at some point in their life. Dr Manish suggested different solutions to overcome these problems.



Dr. Manish Khernar addressing the online audience



Dr. Manish explaining the causes of depression



Dr. Manish explaining the Antidote of Fear



Virtual Group photo with Dr. Manish Khernar

Drug Abuse and Fitness Awareness Programme

The Healthy Campus Committee of GIT organized the Drug Abuse and Fitness Awareness Programme on 5th March, 2021 in collaboration with "Narcotics Control Bureau, Ahmedabad" (MHA, GoI) and "High on Life Foundation". Online Events like "Graffiti", "Critical Thinking" and a "5Km Run for Fight against Drug Abuse" were organized to create awareness regarding drug abuse and fitness. Participants of Graffiti event submitted digital paintings created using illustration software/apps like Adobe Photoshop, CorelDRAW, Adobe Illustrator, Microsoft Paint, Procreate and online graphic design editor like Canva. In "5Km Run for Fight against Drug Abuse" event participants installed the "Nike Run Club" app on their Android/iOS phones and submitted their running details to the coordinators through Google Form.

Shri Shailendra Kumar Mishra (Zonal Director, Narcotics Control Bureau) was the chief guest for the programme. He attended the online "Critical Thinking" event wherein he explained the role of the NCB and today's youth in the fight against drug abuse. The HCC committee also ran an innovative pre-event video campaign wherein Dr. H N Shah (Director, GIT), and the dignitaries Shri Shailendra Kumar Mishra (NCB) and Shri Sagar Brahmhatt (Founder, High on Life Foundation) spread awareness about drug abuse and motivated students to adapt fitness as a lifestyle. Winner of the "Graffiti" event was Prajapati Nimesh Somrajbhai (180120107134, CE, Sem. 6) and Runner-Up was Dhruv A. Siddhpura (200120106011, CL, Sem. 1). Winner of Critical Thinking event was Shah Mohil Srujalkumar (180123106012, CL, Sem. 8) and Runner-Up was Valand Maulik Arvindkumar (207150592002, MBA, Sem. 1).

CLUBS & CELLS ACTIVITIES



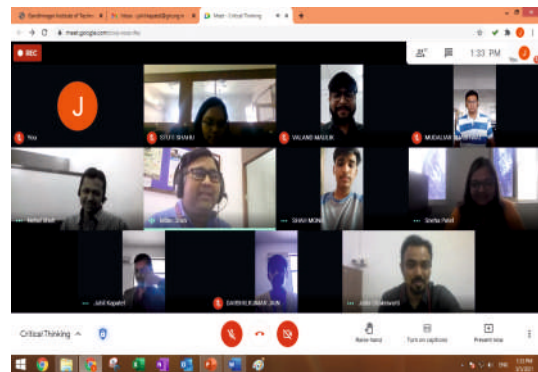
Event Banner



Pre-event Video Campaign by Dr H N Shah, Shri Shailendra Kumar Mishra and Shri Sagar Brahmhatt



Shri Shailendra Kumar Mishra (Zonal Director, NCB) during the online session



Participants, judges and event coordinators during the Critical Thinking event



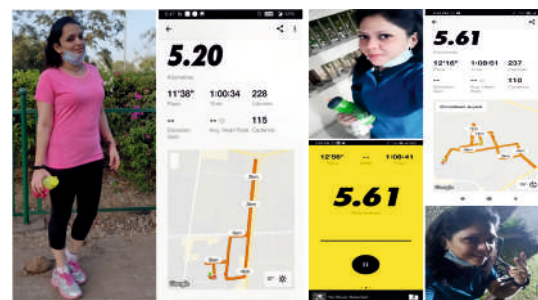
Winner of Graffiti Event: Prajapati Nimesh Somrajbhai (Theme - Natural Disaster)



Runner-Up of Graffiti Event: Dhruv A. Siddhpura (Theme - Covid-19)



Student participants during the "5Km Run for Fight Against Drug Abuse" event



Prof. Sumedha Mahajan and Prof. Pooja Patanwal with their running details on "Nike Run Club" app

CLUBS & CELLS ACTIVITIES

Felicitation of GIT & "ART-A-THON 2.0 Winners"

The High on Life Foundation, in association with Narcotics Control Bureau (Ahmedabad Zonal Unit), Nasha Mukta Bharat Campaign, Gujarat and Ahmedabad Police organized an Award Ceremony on 25th June, 2021 at NCB Office to observe "International Day Against Drug Abuse and Illicit Trafficking". The agenda was to felicitate the winners and participating institutes of "ART-A-THON 2.0" event which was organized on 26th December, 2020. The initiative received more than 2000+ entries from different schools and colleges. Ms. Sanjana Singh (180120111008), 1st Prize winner of "Mental Health" theme and Ms. Diya Patel (200120107058), Runner-Up of "Addiction Free" theme were felicitated by Shri Shailendra Mishra (Zonal Director, NCB). GIT was felicitated for its active involvement and continuous efforts towards the Healthy Campus initiative. Dr H N Shah (Director) and Prof. Jatin Chakravarti (Coordinator, HCC) participated in the ceremony and engaged in an active dialogue with NCB Director regarding the future activities of the Healthy Campus Committee.



Ms. Sanjana Singh receiving 1st Prize award from Shri Shailendra Mishra (Zonal Director, NCB)



Ms. Diya Patel receiving Runner-Up Prize award from Shri Shailendra Mishra (Zonal Director, NCB)



Felicitation Trophy



Shri Shailendra Mishra (Zonal Director, NCB) felicitating Dr H N Shah (Director)



Dr H N Shah and Prof. Jatin Chakravarti discussing future activities of the HCC with Zonal Director, NCB

GITAA

GIT Alumni Association (GITAA) is a Vibrant Alumni Community where one can keep in touch and strengthen bond with Alma Mater and grow Social and Professional Network for various opportunities like:

- Knowledge and Resource Sharing.
- Participate in various Placement Openings.
- Access Alumni Database for Developing Professional Connections in India and Abroad.
- Give and Get Advice for Career Development from Domain Experts connected with GITAA.
- Enhance Learning Experience by participating in Alumni Talks with the budding engineers.
- Exploring with well-known persons While travelling to distant cities and countries.
- Celebrate and socialize by organizing Events and Re-unions with GIT.
- Connect for a Lifetime with the group of Versatile Engineers, Technocrats, Scientists, Managers and Entrepreneurs.

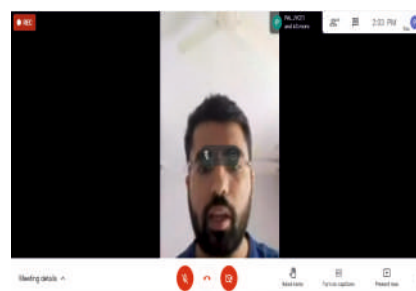
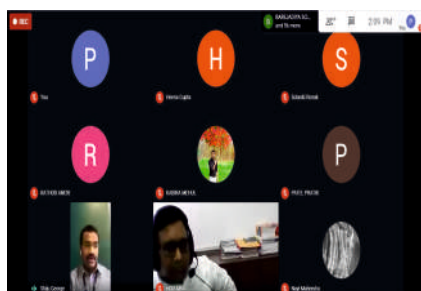
GITAA Activities Summary

- GITAA Technical Talks – 03
- GITAA Abhiviyakti – 10
- Webinar Series – 06
- Short talk Sessions – 04
- GITAA Awareness Program for Final Year Students – 07
- Total No. of Alumni with Lifetime Membership – 321+

GITAA Technical Talks

The objective of the GITAA Technical Talk is to organize interactions between students and alumni for career development, learning skills needed for better opportunities in industry and enhancing social and professional networking. For alumni, GITAA technical talks were all about sharing their professional experiences, knowledge, and current scenario of the industry, sharing their journey of life and how they faced the challenges. For faculties and staff, GITTA talks were all about recognizing and celebrating success of their earlier students.

Sr. No.	Date	Name	Place	Batch
1	10/12/2020	Mr. Shiju George	HR Manager- Cadila Healthcare Ltd	2018-2020
2	10/12/2020	Mr. Dhaval Majithiya	Proprietor- Microvise Solutions	2018-2020
3	10/12/2020	Mr. Alok Parmar	Sales Executive- Sobha Ltd.	2018-2020
4	10/12/2020	Ms. Aalisha Jogi	Data Researcher- S&P Global.	2018-2020
5	11/12/2020	Mr. Vinod Giri	Manager-Logistics at Symphony Ltd.	2017-2019
6	11/12/2020	Ms. Satya Rai	Business Development Executive, Palm Technologies Pvt. Ltd	2017-2019
7	11/12/2020	Mr. Hitesh Koladiya	Business Development Executive-Virtual Building Studio	2017-2019
8	11/12/2020	Mr. Chintan Dalal	Data Researcher- S&P Global.	2017-2019
9	23/02/2021	Mr. Keyur Seth	Proprietor- Avsar Events, Bhavnagar	2012-2014



Alumni Mr. Shiju George & Mr. Dhaval interacting with MBA students

CLUBS & CELLS ACTIVITIES



Dr. Milan Shah, HoD MBA introducing Students

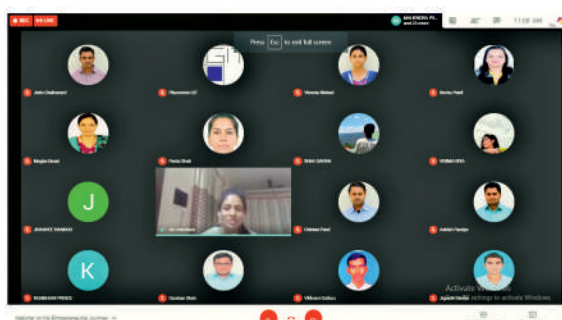


Alumni Mr. Keyur Seth interacting with student

GITAA "Abhivyakti" Webinars / Lecture Series

GITAA has organized a series of webinars named "Abhivyakti" conducted by eminent alumni of the institute for the current students during July 2020 to June 2021. The expert alumni from various branches have participated in this webinar series and solved queries of the students on various technical and management topics. For alumni, Abhivyakti webinar was all about sharing their professional experiences, knowledge, and current scenario of the industry, sharing their journey of life and how they faced the challenges. For faculties and staff, Abhivyakti webinars were all about recognizing and celebrating success of their earlier students. For students, Abhivyakti webinars were all about learning through the experiences of their seniors and super seniors, getting aware about the recent trends and emerging technologies in the market, taking guidance from the experts to help themselves getting industry ready. The expert alumni from various branches like Civil Engineering, Computer Engineering, Electrical Engineering, Electronics and Communication Engineering, Information Technology, Mechanical Engineering and Master of Business Administration have participated in this webinar series. They conducted expert sessions and solved queries of the students on various topics like Construction site and Pre-cast construction technology, Digital India, Industrial automation, VLSI, Artificial Intelligence, Machine Learning, ISO certifications, how to crack GRE, IELTS, TOEFL and PTE, Networking, Management, Entrepreneurship, and Innovation. The alumni guided the students about the career opportunities in their respective domain and encouraged them for developing necessary skill sets for becoming industry ready.

Sr. No.	Date	Topic	Name	Current Designation & Organization	Batch
1	04/07/2020	My Entrepreneurial Journey	Ms. Siri Chandana	Chief Technology Officer (CTO) & Cofounder, Alluvium IOT Solution Pvt Ltd	2017-EC
2	11/07/2020	Basics of Machine Learning	Mr. Tejas Khanna	Associate Software Developer F(x) Data Labs Pvt Ltd	2019-CE
3	11/07/2020	ISO certifications (IMS) and it's briefing	Mr. Pinakin Dave	Assistant Engineer, Maxxis Rubber India Private Limited	2018-ME
4	18/07/2020	Management as Career Option	Mr. Nishant Ravi	MBA student, (NITIE), Mumbai	2018-CL
5	25/07/2020	Your Network is the Network	Ms Ishita Ambani	Business Associate, NITOR Infotech, Pune	2017-EC
6	29/08/2020	An overview on MS Project management Software	Mr. Jay Thacker	Master in Advanced Construction Management, NICMR Pune	2018-CL

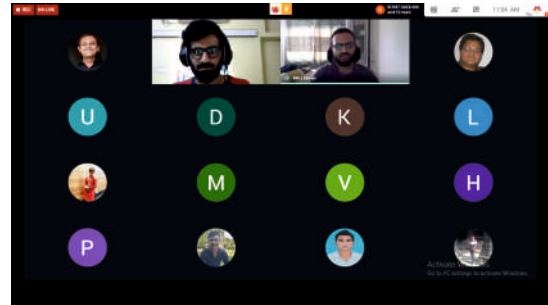


Ms. Siri Chandana, Alumni of EC Department explaining her Entrepreneurial Journey to the Students

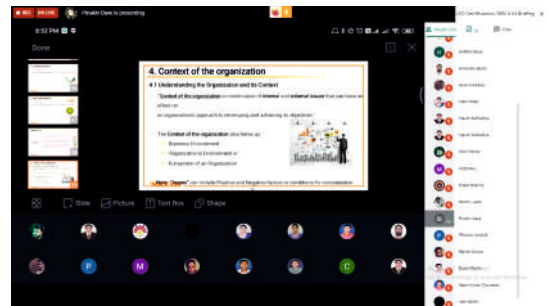
CLUBS & CELLS ACTIVITIES



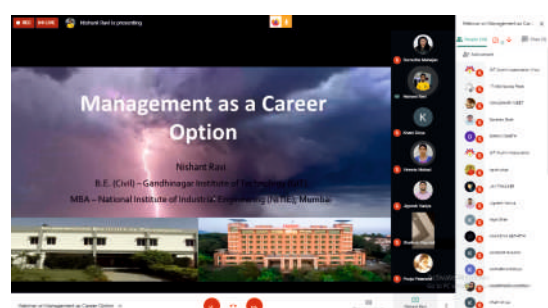
Mr. Tejas Khanna, Alumni of CE Department giving Insights of Machine Learning



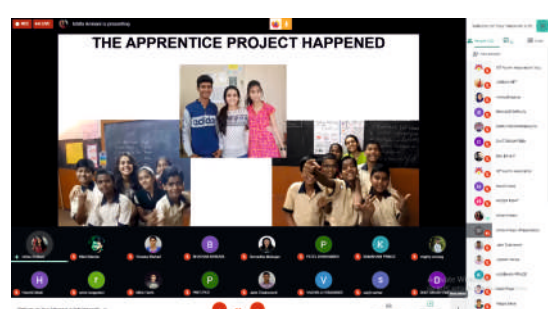
Mr. Pinakin Dave, Alumni of ME Dept sharing knowledge about ISO Certification



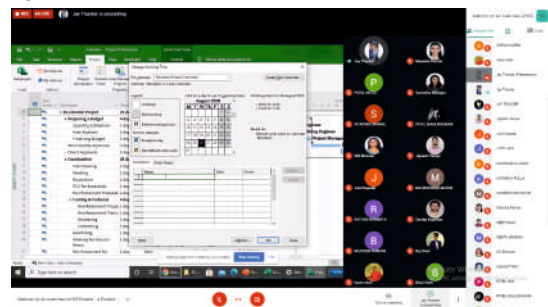
Alumni of Civil Dept, Mr. Nishant Ravi conducted beautiful session on Management



Alumni of EC Dept, Ms Ishita Ambani explaining on Your Network is the Net worth



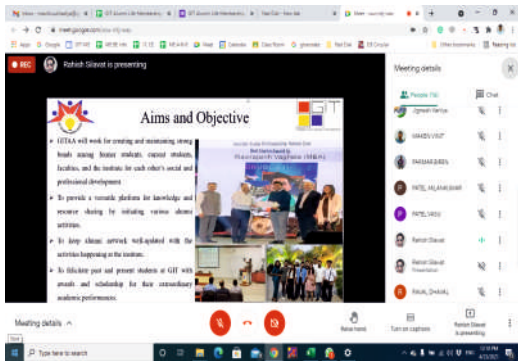
Mr. Jay Thacker, Alumni of Civil Dept. motivating students about Project Management Software



CLUBS & CELLS ACTIVITIES

GITAAA Awareness Program

GITAA faculty coordinators conducted an interactive session with the final and pre- final year students of various departments for bringing awareness about various initiatives taken by GITAA like GITAA technical talks, GITAA Abhivaykti sessions, etc. 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.



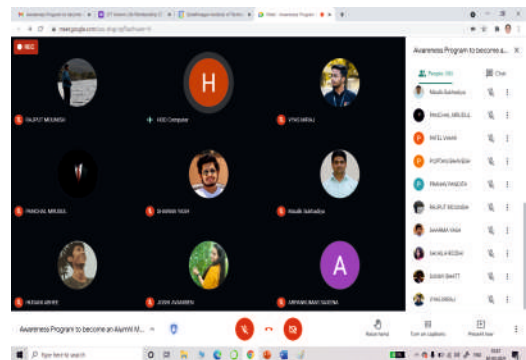
Prof. Rahish Silavat explaining the final year students about Aims and Objectives of GITAA in Alumni Awareness session of Electrical Engineering Department



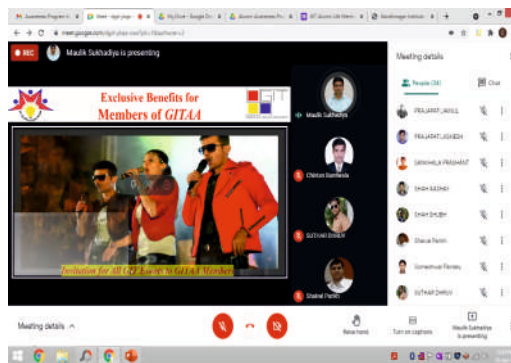
Prof. Megha Desai from EC Department describing the procedure for joining GITAA to the Final year EC students in Alumni awareness session



GIT Alumni Association is presenting Exclusive Benefits for GITAA Members to the Final year IT students



HoD, CE Department interacting with the Final and Pre Final Year Students of Computer Department



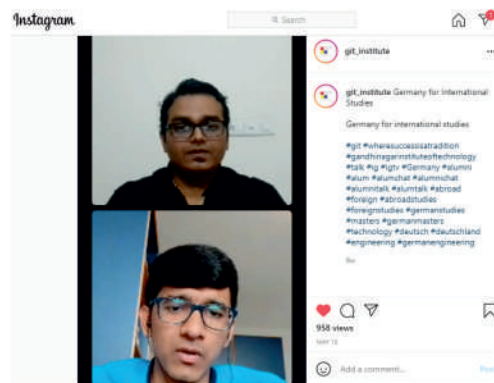
Prof. Maulik Sukhadiya, ME Dept. describing the Benefits for Membership of GITAA to the Final year ME students

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 178 to 321+

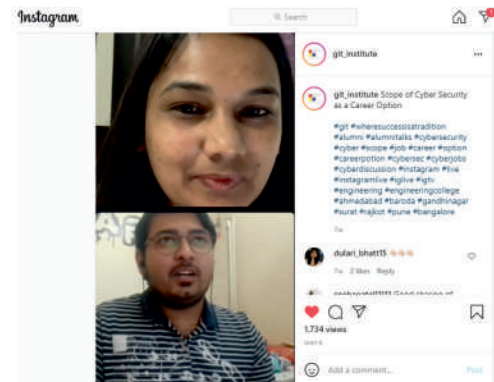
GITAA Short Talks Live Sessions

GITAA has organized a series of Instagram Live Discussion Session on various informative topics conducted by eminent alumni of the institute by sharing their cultural experiences, knowledge, and current scenario of the industry & places, sharing their journey of life and how they faced the challenges.

Sr. No.	Date	Topic	Name	Batch
1	08/05/2021	Germany for International Studies	Mr. Shail Patel	2020- EE
2	15/05/2021	What is a Scope of Cybersecurity as a Career Option?	Mr. Akshay Khandadia	2017- IT
3	22/05/2021	Life in MNC	Ms. Rajvi Dave	2020- EC
4	12/06/2021	Indian Culture in Canada	Ms. Riddhi Dave	2018-EC



Instagram Live Session on Germany as an option for International Studies by Alumni Shail Patel and Prof. Hitesh Manani



Instagram Live Session on Cyber Security as Career option for by Akshay Khandadia and Prof. Maitri Patel



Instagram Live Session on Life in MNC by Alumni Rajvi Dave and Prof. Ashish Pandya

Instagram Live Session on Indian Culture in Canada by Alumni Riddhi Dave and Prof. Chintan Patel

CLUBS & CELLS ACTIVITIES

SWAYAM (NPTEL)

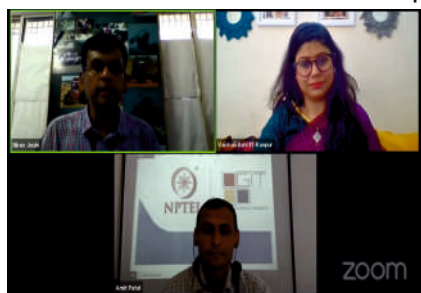
NPTEL is an initiative by the IITs (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras, and Roorkee) and IISc along with full financial support by MHRD. The main objective of the National Programme on Technology Enhanced Learning (NPTEL) is to enhance the quality of engineering and science education in the country by developing content for undergraduate and postgraduate curricula using video and web-based courses. These courses cover the syllabi prescribed by universities and approved by AICTE. The online workshop "NPTEL awareness" jointly organized by NPTEL, Indian Institute of Technology, Madras & Gandhinagar Institute of Technology on 25th June, 2021 for all the students and faculties of Gujarat.

Program

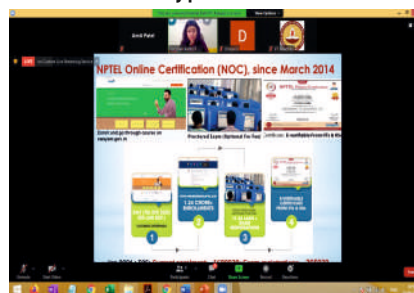
The online workshop has been conducted with the combination of Zoom platform and youtube live. The workshop was has been started with an introductory speech from SPOC of GIT NPTEL local chapter, Prof. Amit Patel. He has initiated his speech with a vision and mission of INDIA "शिक्षित भारत उन्नत भारत". He has also shared an importance of NPTEL in terms of Indian knowledge economy. Prof. Nirav Joshi, Head of Mechanical Department, then blessed the audience by his words and also shared an achievement of GIT and NPTEL statistics. More than 1000 participants have attended the workshop online. Ms. Vaishali Bahl, Project engineer, IIT Kanpur, then took over to explain in detail about NPTEL, NPTEL Online certification courses, Domain Certification, FDP courses, and its importance, Mentoring, and Job oriented courses. She nicely explained the benefits of the NPTEL stars in terms of opportunities available in soft skills workshops and internships.

She then explained in detail what features and services does NPTEL provides to its course subscribers and to Institutes who join NPTEL and become a Local Chapter. NPTEL does not provide only video lectures in English, they also provide lecture notes, text lectures, audio lectures, and an upcoming feature of video lectures with subtitles in regional language.

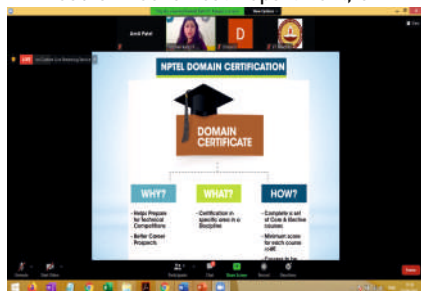
The query has been answered during the session by online chat as well as at the end of the session many questions have been answered by Ms. Vaishali Bahl. In the end, Prof. Amit Patel concluded with thanks to each person who directly or indirectly a part of this event to make it successful. He especially thanks the trustee of GIT and Director Dr. H N Shah for continuous support and motivation for such type of events.



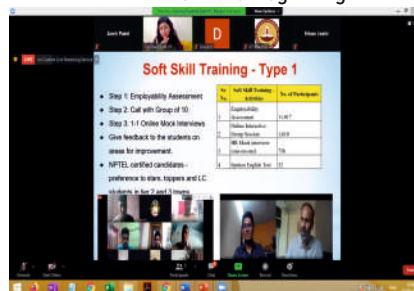
Brief about GIT activities by Prof. Nirav Joshi, Head of Mechanical Department, GIT



Ms. Vaishali Bahl presented the History and Statistics of NPTEL from the Beginning



Speaker, Ms. Vaishali focusing on the Domain Certification Process



The benefits of Soft skill training and Internships for the NPTEL learners explained by the Ms. Vaishali Bahl

MOBILE AND WIRELESS TECHNOLOGY CLUB

Mobile and Wireless Technology Club (MWTC) of Gandhinagar Institute of Technology is established to strengthen the practical aspects in Mobile and wireless technology which is one of the most advanced and emerging field. Antenna is considered as heart of any communication and in today's world, it is important to develop practical skills along with theoretical knowledge therefore it is necessary to provide practical approach in field of antenna designing. Moreover, 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 organizes various co-curricular activities and workshops in order to groom the students and make them aware of latest technologies and trends regarding communication world. Director sir, Dr H N Shah plays paramount role in implementing the events. MWTC also expresses deep gratitude towards all Trustees and the Management for continuous support by all means. MWTC events are collectively coordinated and executed by the committee members comprising of Prof. Hardik Bhatt (MWTC Coordinator), Prof. Chintan Patel (MWTC Co-coordinator). Following events were organized by them during the AY 2020-21.

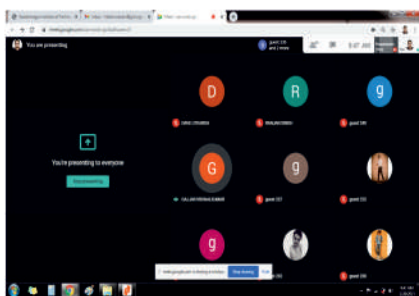
1. Introduction to MATLAB

Event Topic	Targeted Audience	Date, Day & Venue	Assigned Faculty	Student Participants	Faculty Participants
Introduction to MATLAB	4 th EE 4 th EC 4 th ME	20/02/2021 (Saturday) C-103A	Prof. Abhishek Harit, Prof. Hitesh Manani	17	2

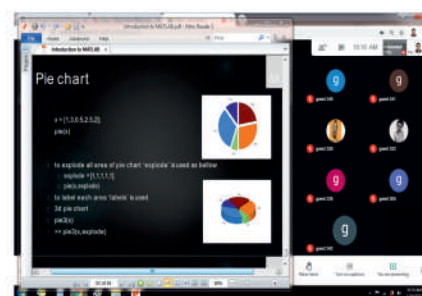
Looking at the globally competitive scenario in today's engineering sector and in this time of COVID19, without making this pandemic a barrier for knowledge, all the engineering graduates have to develop the skill-based core competencies. With the same purpose, the online workshop was organized to enable studies with necessary skills so that students can develop a better understanding and competitiveness for their professional career.

Benefit in terms of learning/Skill/Knowledge obtained

- Basics of MATLAB
- How to use commands and built-in functions in MATLAB
- Mathematical approach of solving problems
- MATLAB as a Calculator
- Numbers & Formats
- Variables
- Suppressing output
- Vectors
- Transposing
- Plotting Elementary Functions
- Grids



Prof. Hitesh Manani conducting an Online Workshop for 4th-Semester Students



Explanation about Charts in MATLAB

CLUBS & CELLS ACTIVITIES

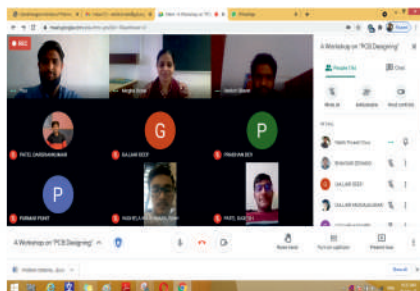
2. PCB Designing

Event Topic	Targeted Audience	Date, Day & Venue	Assigned faculty	Student Participants count	Faculty Participants count
PCB Designing	4 th EE 4 th EC	06/03/2021 (Saturday) C-302B	Prof. Rahish Shilavat, Prof. Naitik Trivedi, Prof. Megha Desai	21	3

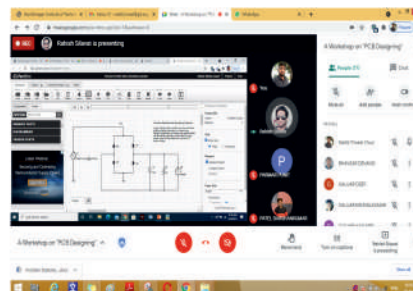
In today's engineering world, it is very important to develop practical skills along with theoretical knowledge. To satisfy this objective, a brief idea on PCB DESIGNING was explained to students and later a hands-on session on PARTSIM SIMULINK TOOL was also organized through which students were able to Simulink different projects and practically connect them on PCB by soldering.

Benefit in terms of learning/Skill/Knowledge obtained

- Hands-on knowledge on Partsim
- How to design circuit on PCB
- Circuit simulation using software
- Basic circuit designing
- How to check Current and Voltage output in form of Waveform



Coordinators solving the Queries of Students



Prof Rahish Silavat explaining Simulation

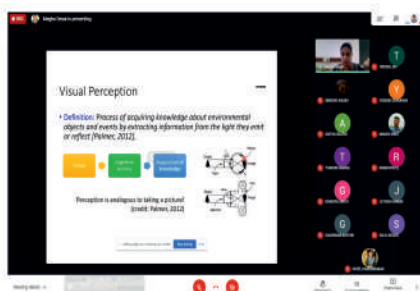
3. Introduction to OpenCV

Event Topic	Targeted Audience	Date, Day & Venue	Assigned faculty	Student Participants	Faculty Participants
Introduction to OpenCV	8 th EC, 8 th EE,	20/02/2021 (Saturday) C-305	Prof. Vineeta Nishad , Prof. Megha Desai	17	2

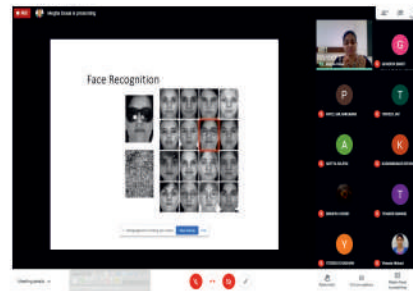
Mobile and Wireless Technology Club of GIT is established to strengthen the practical aspects in Mobile and wireless technology which is one of the most advanced and emerging fields. It organizes various co-curricular activities and workshops in order to groom the students and make them aware of the latest technologies and trends regarding the communication world.

Benefit in terms of learning/Skill/Knowledge obtained

Computer vision is a field of artificial intelligence that trains computers to interpret and understand the visual world. Using digital images from cameras and videos and deep learning models, machines can accurately identify and classify objects – and then react to what they “see.” Through this webinar students understood how we come across computer vision in our everyday lives and learn how to overcome any project challenges.



Prof Megha Desai explaining Techniques of Computer Vision



Prof Megha Desai explaining Techniques of Face Recognition

4. Evolution of Mobile Technology

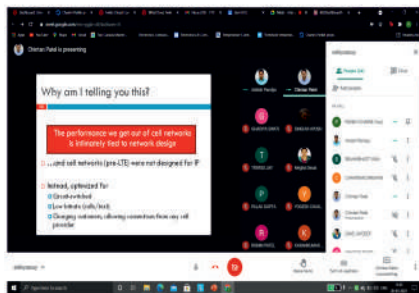
Event Topic	Targeted Audience	Proposed Date, Day & Venue	Assigned faculty	Student Participants count	Faculty Participants count
Evolution of Mobile Technology	8 th EE 8 th EC	20/03/2021 (Saturday) C-305	Prof. Chintan Patel, Prof. Ashish Pandya	21	2

Workshop is aimed to give knowledge about basic and advanced phone features especially to final year students how mobile was invented and how it further developed. How advancements took place with technological advancements. Implement an Android application using advanced phone features Understand design principles to program windows phone applications Have a thorough understanding of the motivation, requirements, functionality, possibilities, and limitations mobile app development and design

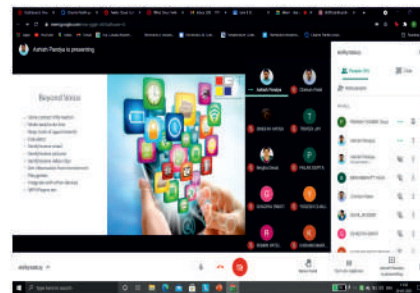
Benefit in terms of learning/Skill/Knowledge obtained

Today, people have so many different ways to access the Internet. We use computers, smartphones, tablets and now even smartwatches. Mobile marketing is constantly evolving; embrace it and your business will stay well ahead of the curve.

- How mobile usage has changed in the last four decades
- What features are available on today's mobile devices
- What the explosive growth of mobile use means for you.



Prof. Chintan Patel, explaining about 1G and 2G system of Mobile Evolution



Explanation of Future technologies

5. Introduction to Simulink in MATLAB

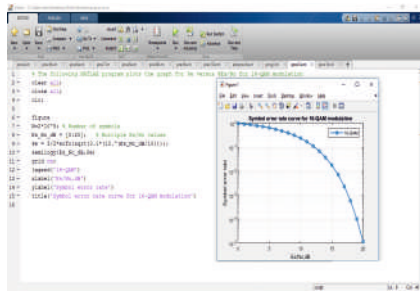
Event Topic	Targeted Audience	Date, Day & Venue	Assigned faculty	Student Participants	Faculty Participants
Introduction to Simulink in MATLAB	6 th EE 6 th EC	20/02/2021 (Saturday) C-304	Prof. Mitul Maniyar & Prof. Jatin Chakravarti	9	2

The objective of the workshop was to provide a hands-on experience of the Simulink feature of the MATLAB (Matrix laboratory) software. Simulink is a block diagram environment for multidomain simulation and Model-Based Design. It supports system-level design, simulation, automatic code generation, and continuous test and verification of embedded systems. Simulink provides a graphical editor, customizable block libraries, and solvers for modelling and simulating dynamic systems. It is integrated with MATLAB, enabling you to incorporate MATLAB algorithms into models and export simulation results to MATLAB for further analysis.

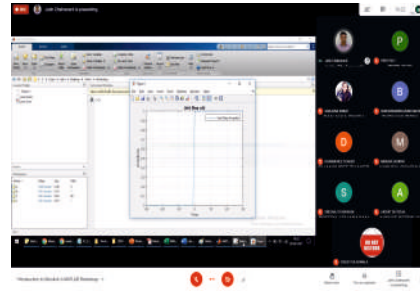
Benefit in terms of learning/Skill/Knowledge obtained

- Basic Simulink segments
- Simulink blocks
- Simulink with MATLAB Functions
- How blocks are used to make system
- System complexity reduction
- System design using Simulink
- Simulink integration
- Simulink block identification
- Hands-on with Simulink
- Application of MATLAB

CLUBS & CELLS ACTIVITIES



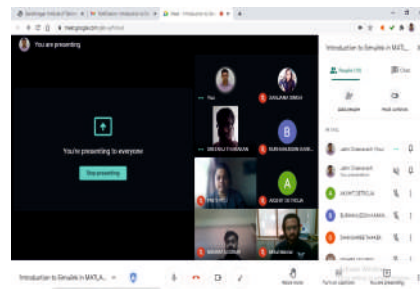
Students learning the Plot feature of MATLAB



Prof. Jatin Chakravarti discussing various Case Studies with Students



Prof. Mitul Maniar explaining students about the basics of MATLAB Software



Students and Faculty during the Doubt solving Session

6. Introduction to HFSS

Event Topic	Targeted Audience	Date, Day & Venue	Assigned faculty	Student Participants	Faculty Participants
Introduction to HFSS	8 th EE 8 th EC	06/03/2021 (Saturday) C-305	Prof. Chintan Patel, Prof. Ashish Pandya	25	2

Workshop conducted for introducing the software will help final year students in their major project especially to those students who are working or going to work in the field of antenna designing or Electromagnetism, wave propagation, and related area of research. HFSS is considered one of the most advanced software to develop and enhance the practical approaches. One design of slot antenna was explained moreover features of HFSS and antenna designing were also taught in so that students can design any such antenna with HFSS. Design flow, steps and how to generate results are some key topics which were discussed.

Benefit in terms of learning/Skill/Knowledge obtained

- Basics of High Frequency Structure Simulator Software
- How boundary conditions are made
- How design can be made
- Different types of antenna
- How results should be taken for different parameters
- 2D results analysis
- 3D graphics



Prof. Ashish Pandya explaining Steps of Workflow



Students attending the Workshop

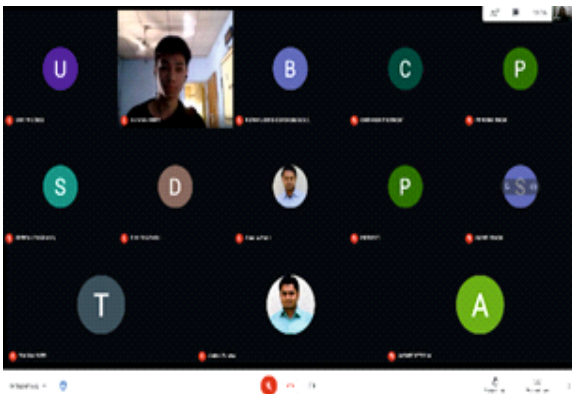
7. Introduction to CS4G Netsim

Event Topic	Targeted Audience	Date, Day & Venue	Assigned faculty	Student Participants	Faculty Participants
Introduction to CS4G Netsim	6 th EC, 6 th CE, 6 th IT	20/03/2021 (Saturday) C-305	Prof. Mitul Maniar, Prof. Jatin Chakravarti	21	2

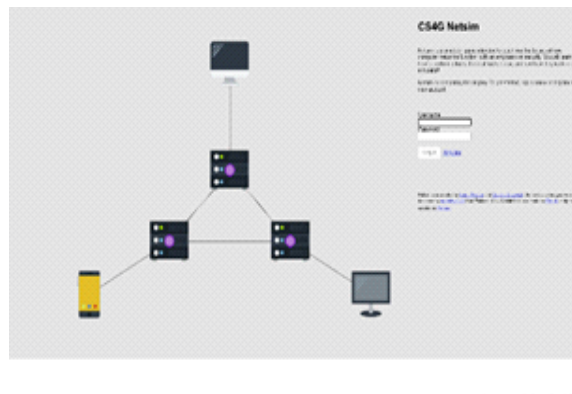
In this workshop experts explained the importance of computer networking, routing in daily lives and in professional lives, irrespective of the profession. Various examples helped the students grasp the fundamental concept of networks and how widespread and deeply rooted it is in our lives. The session progresses with viewing various network basic fundamentals like ping, modem, routers, and then moving on to advanced topics like what are network attacks and how can they be simulated in CS4G Netsim and what all can be deduced from the running network scenarios. Goals of the tool include spoofing a source address to steal data, or inducing a surf attack to perform a distributed denial of service.

Benefit in terms of learning/Skill/Knowledge obtained

- Basics of network routing
- How common attacks are performed by hackers
- Network Simulation applications
- How common protocols operate
- Accompanying tutorial text explaining the protocol or level
- Users craft network packets, with a focus on manipulating the header fields, and inject them into the network via computers they control.



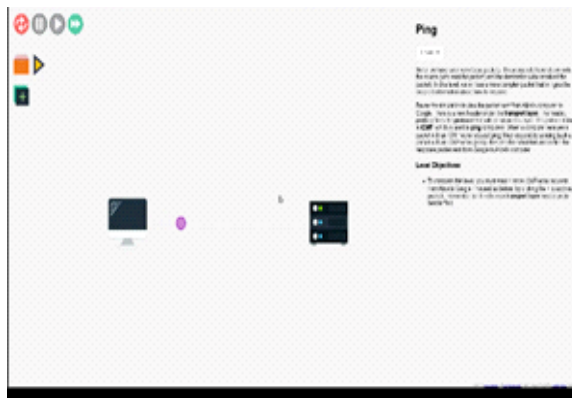
Prof. Mitul Maniar conducting the Online Session on CS4G Netsim



CS4G Home Screen



Routing Hands-on in Progress



Hands-on for Ping in Progress

GIT-GITHUB CLUB

GitHub, developed in 2008, is a web application that hosts Git repositories. The team that started GitHub saw that Git could solve important problems for many teams – but Git itself is often difficult to use. GitHub adds a bunch of collaboration and exploration tools on top of Git to help students to be more productive. For instance, GitHub makes it easy to share code between multiple computers and developers. Its become the centralized organization tool of the open source community and, in turn, is used by thousands of companies and teams. Some GitHub users have one repo they work with every day, some have hundreds.

GIT has partnered up with GitHub, now a subsidiary of Microsoft Inc, under Campus Partner Program. Under this program, GIT has received Enterprise Level licenses to all the students. This benefits the students by giving them access to all the premium features mentioned on GitHub Student Pack page.

Workshop on Introduction to GitHub & Version Control

Under the aegis of GIT-GitHub Club, one day Hands-on Workshop was organized on 'Introduction to GitHub & Version Control' on 5th February, 2021 on the platform of Microsoft Teams. The expert session was conducted by Mr. Kaushik Roy, Principal Architect, IncubateIND. Around 100 students participated in the online session during 11 AM to 1:30 PM and learned about GitHub & Version Control

The event started with Mr. Kaushik giving an introduction about himself and IncubateIND, how are they helping out GitHub in their CIS outreach activities. This was followed by introduction to GIT, version control. Then was explained what is GitHub, how Microsoft is trying to improve the knowledge base of students, prospective employees to be industry ready, skill ready when they graduate.

Mr Kaushik explained various benefits of GitHub Student Developer Pack, which offer many perks to students for free – like free hosting, free domain names, free analytic tools, and much more. The event proceeded with Mr. Kaushik giving hands on demo of how to create a github repository in a team and how to manage the code sharing, version controlling the code, managing patches and tracking issues. He concluded with invitation to the participants for attending 4 days intensive GitHub hands-on sessions, with pan-India participation and mentoring, GitHub Developer Tech Camp.

The outcome from the event is that enough motivation was provided to the students to get themselves registered on GitHub and start working on even a small project for themselves. GitHub is a reflection of their coding journey and it reflects well during job hunt.



Introduction to GitHub & Version Control

GITHUB HACKATHON

On 15th February, 2021, GIT-GitHub-Club in association with IncubateIND organised 1 day Hackathon for the students of GIT. The event started with a brief introduction of Mr. Kaushik Roy, and explanation of the event for the day. The 48 students were given a common task – to build a static website which would be their own digital portfolio. The evaluation would be done on the basis of the neatness of UI, loading time of the various elements used, amount of scaling issues, the quickness of their coding attempt among other few technical points. They were given an overview of how to integrate GitHub with VS Code IDE and were encouraged to use the same. They were given the option of using any IDE of their own choice or preference if they wished to. They were free to ask any queries regarding integration or GitHub issues and help would be provided for the same. No help would be provided for the actual code for their project. They are free to use all resources available on the internet, off the internet if they wish to. No restrictions will be provided for the feature set that they wish to implement on their portfolio. They were then given 7 hours to develop the portfolio on their own, meanwhile they could communicate via email or calls to the team for any queries. The students then started to work on their own, few of them had queries regarding the code, logic and even GitHub steps, most of which were promptly solved by inquiring with each other rather than the team. This strengthened their individual skills and at the same time team work. Since the whole event was held remotely, this also gave a simulation to the students of collaborating on team work, where each team member works on their piece of code and many of them collaborate to achieve the goal. Students learned the importance and meaning of “sprints” and “crunch” in a controlled environment, importance of deadlines and efficiency were also learned as a part of the hackathon process



GitHub Hack Day, 15/02/2021

Azure & GitHub - Code to Cloud workshop

Under the aegis of GIT-GitHub Club, a one day, Azure & GitHub - Code to Cloud workshop was organized on 26th March, 2021 on Microsoft Teams platform held from 09:00 am to 07:00 pm. The session was conducted by RPS Technologies on behalf of GitHub, with a total of 235 registrations. Students learned the importance of GitHub, Version Control and Code Maintenance.

The event started with an introduction of Git, GitHub, importance of Version control and how it can help the students. Then was explained why GitHub, how industry is using it to improve the development efficiency, code maintenance and how these skills are demanded by industry from graduate students. The discussion gradually moved from GitHub to Azure DevOps, which provides services for teams to share code, track work, and ship software. Moreover, it also provides unlimited private Git hosting, cloud build for continuous integration, agile planning and release management for continuous delivery to the cloud and on-premises. The workshop concluded with a hands-on demo session on how to create a Virtual Machine using tools like Microsoft Azure and Visual studio code.

CLUBS & CELLS ACTIVITIES

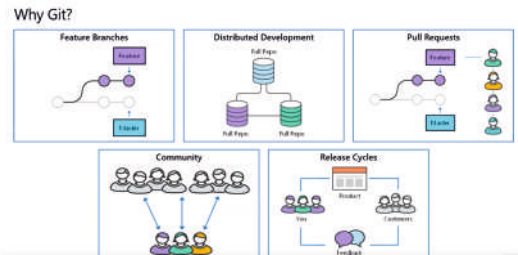
Outcomes of the event:

The students got an opportunity to learn:

- How to deploy faster with native Azure integrations and GitHub extensions.
- How to automate code-to-cloud workflows.
- Accelerate software development.
- Upon completion students also acquired a joint certificate of participation from Microsoft and GitHub.



Getting Started with Source Control



Why Git?

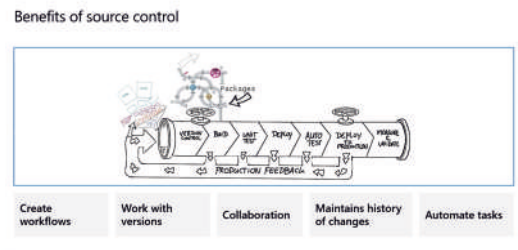
What is GitHub ?

- Largest open-source community

Features of GitHub:

- Automate from code to cloud
- Securing software, together
- Seamless code review
- Code and documentation in one place
- Coordinate
- Manage teams

Why GitHub?



Benefits of Source Control

Azure Resources

Azure resources are components like storage, virtual machines, and networks that are available to build cloud solutions.

- Virtual Machines
- Storage Accounts
- Virtual Networks
- App Services
- SQL Databases
- Functions

Azure Resources

Cloud service comparison

IaaS	PaaS	SaaS
The most flexible cloud service. You configure and manage the hardware for your application.	Focus on application development. Platform management is handled by the cloud provider.	Pay-as-you-go pricing model. Users pay for the software they use on a subscription model.

Cloud Services

Webinar on Importance of GitHub

Under the aegis of GIT-GitHub Club, one day webinar was organized on 'Importance of GitHub' on 17th April, 2021 on Google Meet platform. The expert session was conducted by Mr. Suraj Zala, Around 28 faculties participated in this online session during 11:00 am to 01:30 pm and learned importance about GitHub, Version Control and Code Maintenance.

The event started with Mr. Suraj giving an introduction about himself and importance of GitHub, how it has helped him during his professional career and how it can help future students of GIT. This was followed by introduction to GIT, version control. Then was explained why GitHub, how industry is using it to improve the development efficiency, code maintenance and how these skills are demanded by industry from graduate students. He mentored other faculties by guiding them during the live interaction session. Mr Suraj explained

CLUBS & CELLS ACTIVITIES

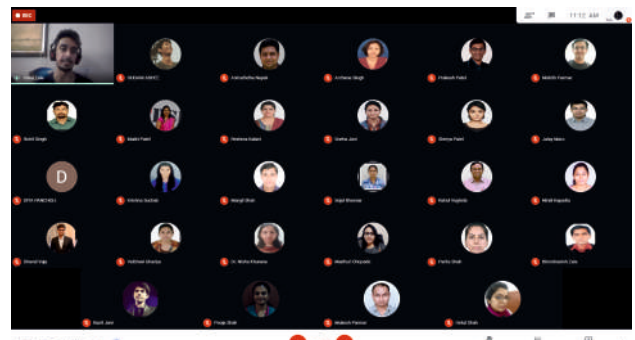
various functionalities, development environments and what other things that a student can bring along with him using GitHub. Moreover, he explained the major difference between GTU PMMS Portal and GitHub and why faculties should use GitHub. He gave another brief demo about tasks automation and issues resolver using GitHub that can maintain everything on a professional level and benefits of GitHub Student Developer Pack, which offer many perks to students for free – like free hosting, free domain names, free analytics tools, and much more. Like students, faculties should claim these benefits using Teacher-Toolbox too and use them to the fullest while they are available to them for free via GitHub.

Outcomes of the event

The outcome from the event is that enough motivation was provided to the faculties to get started working and maintain students' final-year project code on GitHub. GitHub reflects their coding journey and it reflects well during job hunt.



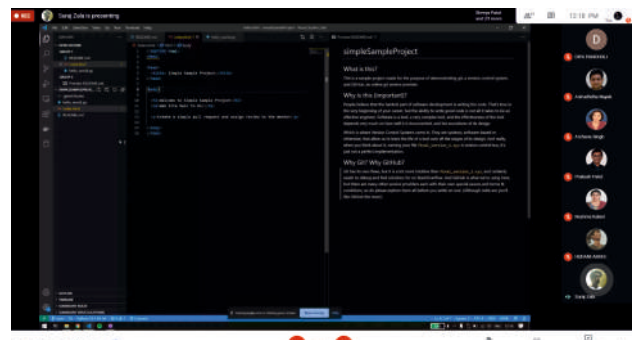
Mr. Suraj Zala, GIT Alumni, Guest for the event



Participants, Teachers joined in the event



GitHub experience shared by Volunteer, Abhee Hudani, 8 CE



Hands on demo by Mr. Suraj and Abhee



HACKATHON CELL

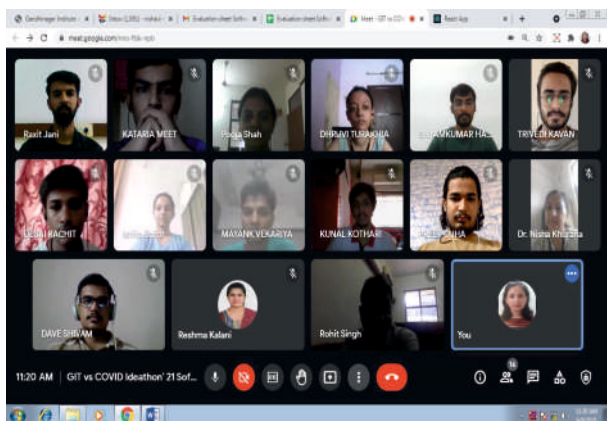
The objective of Hackathon cell at Gandhinagar Institute of Technology is to harness the creativity among students and fueling their imagination through the participation among various Hackathons/Ideathons. It also enables the possibilities for students to deliver innovative solutions to societal problems. At the same time, it also empowers societies/organizations/government departments by providing them the solutions to their problems. Target Stake holders of this cell may be students and organizations. At the end the result is to improve the quality of life of people. The cell was incepted during the first lockdown in April 2020 to bring the students out of the stigma of Pandemic and keep their minds refreshed with new innovative ideas.

GIT vs COVID'19 Ideathon

The Ideathon titled "GIT vs COVID Ideathon' 21" was organized by Hackathon cell of the Institute for all the students of Gandhinagar Institute of Technology with a certain timeline. The Ideathon was announced on 1st June, 2021 and students were given two themes, Software and Hardware, to participate as per their interest. Total 12 teams (Seven in Software theme and Five in Hardware theme) applied for the competition with their prototypes. Both the themes had sufficient definitions for the students to come up with their ideas. The screening of the participant teams was done by a panel of three members in each theme on 9th June, 2021. The Software panel consisted of three members namely Dr. Nisha Khurana, Prof. Raxit Jani and Prof. Pooja Shah and Hardware panel consisted of three members namely Prof. Jatin Chakarvarti, Prof. Amit Patel and Prof. Naitik Trivedi. Each team was evaluated on the basis of three criteria. Students from all the branches participated in this event with full enthusiasm.

Highlights of the Year

1. Student of Information Technology Department participated in Smart City Hackathon, Rajkot in support with RMC, won the first prize of ₹ 30,000 in 2020.
2. 125 students in the form of 26 teams participated in Smart Gujarat for New India Hackathon, out of which 17 teams reached in regional round and finally two teams participated in the final round at Ganpat university hackathon center and one team won a cash prize of 25000 under the guidance of Prof. Sejal Bhavsar.
3. Our IT student Chahil Patel was appreciated by honorable VC of GTU for designing a belt that helps maintain Social Distancing and this was the outcome of First Ideathon organized by Hackathon Cell in 2020
4. Aditya Bajpai, EC student, got a grant of ₹ 4,19,700/- in M2M challenge for his problem solution in Defense Categories in March 2021.



Participants with Panel Members



Winning Team of New India Hackathon

JAZBA DIARIES



CULTURAL ACTIVITIES

JAZBA 2020

Gandhinagar Institute of Technology decided to organize its grand annual cultural event virtually due to this current Covid-19 pandemic situation, under the immense support of Trustees and guidance of Director-Dr. H N Shah. This innovative idea was suggested by Director-Dr. H N Shah to the cultural committee of the institute to provide a platform to the students, faculties and staff members to show their talent as well as refreshment in this global tense situation. So, under the vision and guidance of Dr. H N Shah, Virtual Jazba-2020 was conducted on 9th & 10th November, 2020.

Gandhinagar Institute of Technology works with an objective of developing the academic and cultural talents of the students, improving their capabilities to work as a team and raising their level of self-confidence in interacting with fellow students and peers. Extracurricular activities serve as a crucial ingredient of the overall education process. The importance of cultural activities is to prepare students for real life and strengthen their personal skills. Cultural activities not only help students to identify themselves, but also assist students to develop themselves in a desired field and also improve skills such as organizational, presentation, leadership and interpersonal communication skills. As cultural activities are of paramount importance, the college encourages the extra-curricular activities that are both in line with the educational objectives of the institution and meet the needs of the students. The event was conducted in an online platform via google meet and live streamed on GIT YouTube channel.

The students across the institute had shown amazing performances virtually on digital platform. The program consisted of five different events like Surila GITian, Nrutyashakti, Spectrum, Quizalize and Mehfil-E-Alfaaz. Around 200 students participated and more than 800 students enjoyed all the live events along with event coordinator and faculty members who also joined the live events on YouTube.

Inauguration of Jazba 2020

The event was inaugurated by the Director of Institute Dr. H N Shah on 9th November, 2020 at 9:15 AM. In his welcome speech, he spoke about the vision of GIT about overall development of students. He also talked about how the institute used to celebrate JAZBA event in a grand manner. He motivated students for the active participation in this kind of extracurricular activities. Dr. H N Shah also mentioned Covid-19 guidelines to students and staff members to make them alert and aware in this current pandemic situation. He also extended best wishes to all participants to perform at their best. The students were fully motivated and charged by the speech of Director sir.

Description of Events held on 09/11/2020

Surila GITian

Total 25 participants have registered for this singing competition named Surila GITian. For all registered participants, an audition round was conducted to select the final 12 participants to perform on the day of the event. All 12 participants performed exceptionally well in the first round in which they had to sing a song of their own choice. Based on the performance rating in the first round, 6 participants were selected to perform in the final round. In the final round, participants had to sing a song from various themes such as bollywood retro, 90s or semi-classical. All 6 participants performed tremendously. As per the format of event, the winner & runner up were selected. The event was hosted by GIT students Abhishek Hingu (Sem-5, ME) & Priti Kardam (Sem-5, CE). As this was the first event of Jazba 2020, it received a large number of viewers on YouTube.

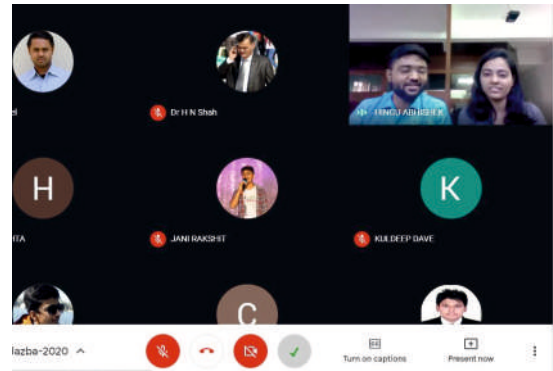
Nrutyashakti

Nrutyashakti was a dance competition where a total of 10 participants took part in the event. The participants performed contemporary, hip hop, salsa, & folk dance. The participants were well dressed as per their dance form. Though it was a virtual event, participants were very enthusiastic to perform their performances. That is why, this event became the most loved category by the viewers. As per the format of event, Winner & Runner up were selected.

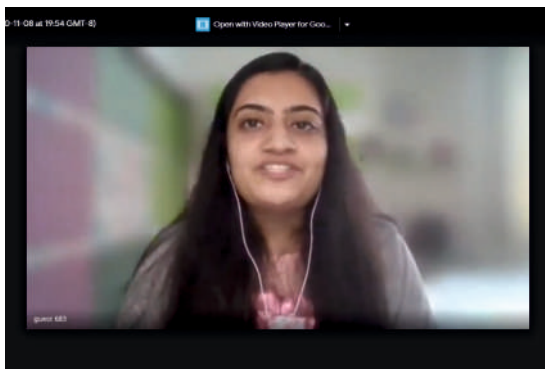
CULTURAL ACTIVITIES



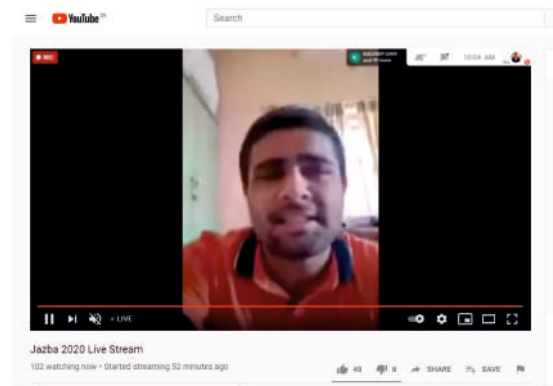
Director Dr H N Shah Inaugurated Jazba 2020



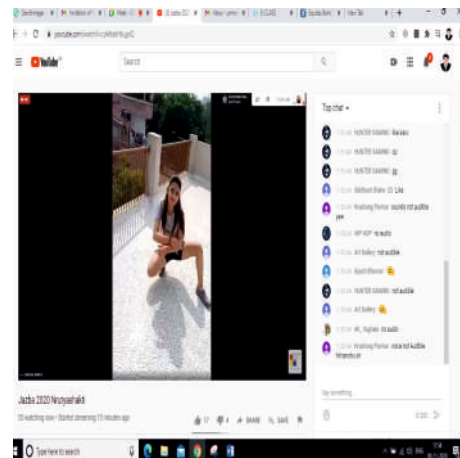
Participants and Audience enjoying the Event



Students performing in Surila GITian



Student performing Beautiful Dance



Student performing Art on Nrutayashakti

Spectrum

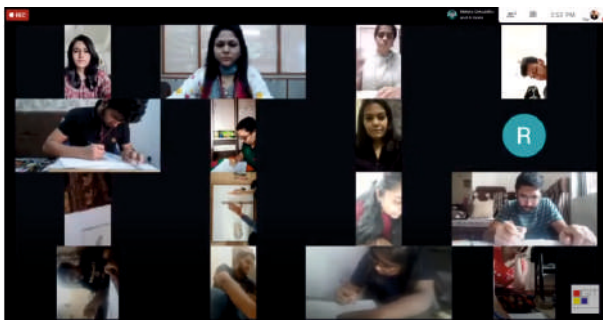
Spectrum was an event of Painting. Due to a large number of participants, the event was organized in two qualifying rounds on 8th November, 2020. It was a quick drawing round of 15 minutes. The team provided four different objects in both qualifying rounds like waterfall, hut, birds & fence which should be presented through their drawing. After these two qualifying rounds, 15 finalists were selected for the final round which was held on 9th November, 2020. The final round was theme-based round. The themes provided were corona warriors/ new normal, swachh bharat, glimpse of indian culture and landscapes/ seascapes. The participants had to choose and draw one painting from the given themes. Participants had to draw their painting in an online session on google meet under the monitoring of event coordinators and then after the completion of competition, participants had to send the picture of their painting immediately to event coordinators within specified time limit. 15 finalists participated enthusiastically armed with brushes and bright ideas.

CULTURAL ACTIVITIES

Description of Events held on 10/11/2020

Quizalize

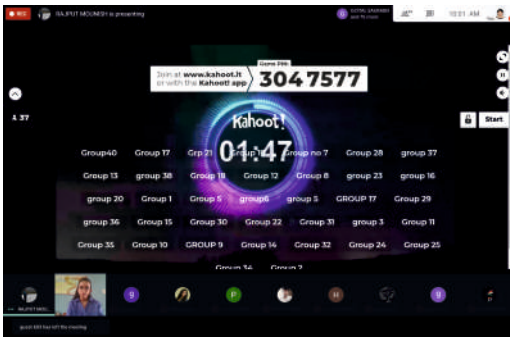
It was a competition where participants showcased their brainstorming talent by attending different questionnaires. “Kahoot Platform” for the multiple-choice quizzes was used which was played/accessed via a web browser or the Kahoot app. The participants joined and participated in several rounds where they needed a unique PIN which was provided to the registered group members through the faculty coordinator. The questions were displayed on the online platform via google meet on a shared screen through the host and players answered on their own devices (phone/desktop/ipads). The participants were suggested to participate in groups but the group leader or any one member was able to join the round at a time. Several rounds were played based on the difficulty level. The total number of participants were 96 who participated individually and 38 groups in a team of 2-3 group members. The event went very well with the active participation of the students.



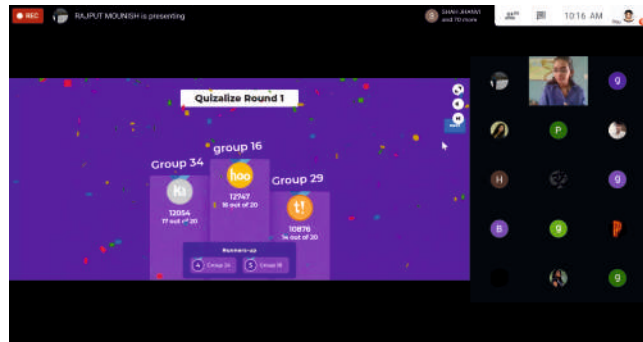
Participants of the event “Spectrum”



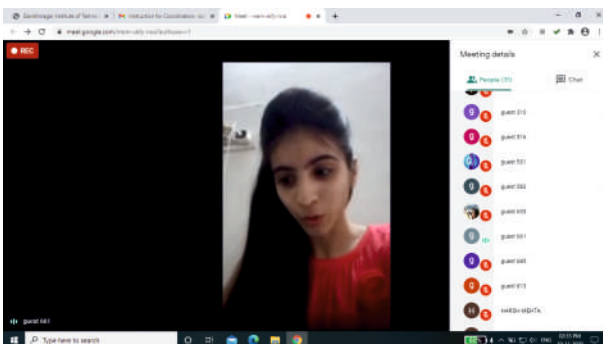
Winner of Event “Spectrum” Gajjar Minal Dipeshkumar (180120107044)



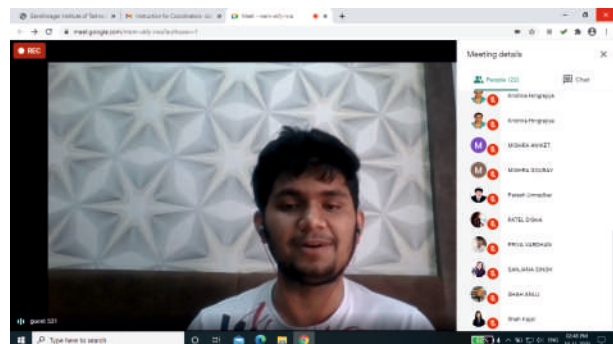
Participants of Quizalize



Winner of Quizalize



Student performing in Mehfil-E-Alfaaz



Student performing Poetry in Mehfil-E- Alfaaz

Mehfil-E-Alfaaz

Mehfil-E-Alfaaz was a poetry competition where 30 participants participated. The event was conducted in following rounds. In the round 1 (Lafz-e-bayaan), every participant got a total of 3 minutes to recite a poem or shayari, where there was no bound on originality and no theme limitation was given in the first round. That means everyone had the freedom to recite shayari or poems in any form. After the performance of each participant, marks were allocated to them according to various judging criteria and after all the participants performed, the selected students got a chance to reach the final round of the event. The final round (Mera Bharat Mahaan) was totally dedicated to our motherland India. This means that every youth should contribute towards the motherland and feel proud of it. Keeping this motive in mind, the event was successfully completed by giving three minutes to each participant to express what they feel about the motherland. And after the completion of all performances, the name of the winner was declared by the judge and the entire participant got praise for their wonderful contribution towards this event.

Vote of thanks

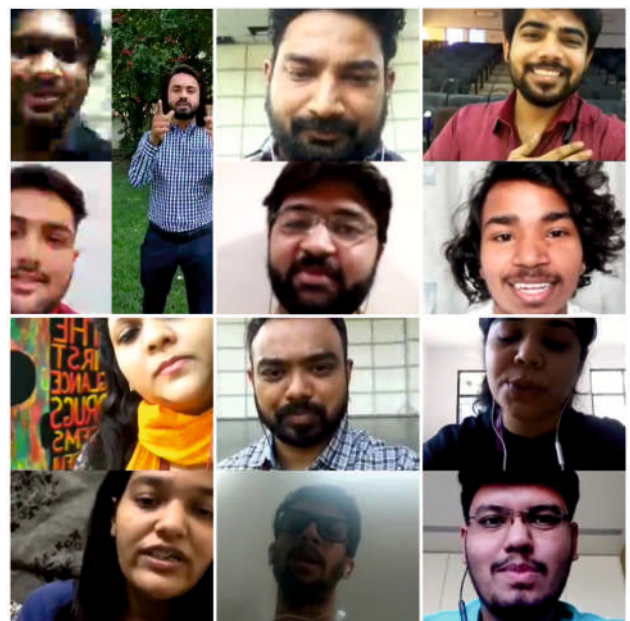
At the end of the event, a vote of thanks was given by the cultural committee in which greetings were extended to Trustees, Director sir, faculties, staff members and all the students. Winners for different categories were also announced and congratulated in the end ceremony.

Acknowledgement

The Cultural team is thankful to the Trustees, Director of Institute-Dr.H N Shah, HODs, Faculty Members and Staff members and all the students for their support and coordination in the successful organization of 'JAZBA 2020'. The event was successfully accomplished under the persistent guidance of Dr. H N Shah and the remarkable efforts by cultural committee members, event faculty coordinator and student coordinators. The team also felt grateful to the technical team for the live streaming of the event. The event was a huge success for one and all.



Vote of Thanks by Prof. Krishna Hingrajiya, Co-coordinator of Cultural Committee



Faculty and Student coordinators, the Team behind JAZBA 2020

TREE PLANTATION 2020

Continuing with its tradition of preserving the environment and having eco-friendly activities, “Tree Plantation Event” was conducted on the campus of Gandhinagar Institute of Technology on the occasion of teacher's day on 5th September, 2020.

Trees are important, necessary and valuable to our existence. 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 with 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 connect teachers to nature and foster environmental stewardship.

Program Details

The event began with a welcome of head of all departments and all faculties at 9:30 AM. More than 70 faculties and staff members have participated in the event.

The event started with the speech of Prof. Amit Patel by wishing “Teacher's Day”.He shared the virtues of the trees and what humans should learn from the trees. He also discussed the qualities and moral responsibilities of teachers towards nation-building. Dr. H N Shah, Director of the institute also gave his remarks on the occasion and added that, “We should not only save the trees but should put our equal efforts in planting as well nurturing the trees for next 4 years”. He also explained the importance of such an event to develop good virtue in one's life. All faculties planted more than 70 saplings around the campus. GIT is situated in a very natural place, far away from the city environment. Many fruit trees have been planted this year around the campus so as to feed many birds in such a natural place.

A webinar on “Gateway to Brighter Site-Care Again Computer Vision Syndrome” was conducted by Dr. Raminder Singh, Senior Consultant at Cataract & Refractive Surgery and organized by the Occura Eyecare & Research Center to raise awareness about eye protection measures during digital education. “Eye protection Kit” was also distributed among faculties as an appreciation for their contribution to society.

The event was accomplished under the persistent guidance of Dr. H N Shah, Director of the institute and the support of the management. Also, the remarkable efforts were given by event faculty coordinators and admin staff members. The team conveyed thankfulness to each and everyone who directly or indirectly supported the event to make it a grand success.



Tree Plantation by the Director of the Institute



Plantation of Saplings by Faculties from Various Departments

74TH INDEPENDENCE DAY CELEBRATION 2020

Gandhinagar Institute of Technology celebrated 74th Independence Day on 15th August, 2020, Saturday. Owing to the ongoing coronavirus pandemic situation, with certain precautionary measures, the occasion was celebrated by national flag hoisting ceremony at institute campus in the presence of Director-Dr. H N Shah, faculties and staff members. Students were asked to join this ceremony via online platform instead to be physically present at campus. In addition to this, online patriotic poetry competition was organized for students as well as faculties. In lieu of the precautions taken, there were no grand performances by the students as well as no chief guest invited.

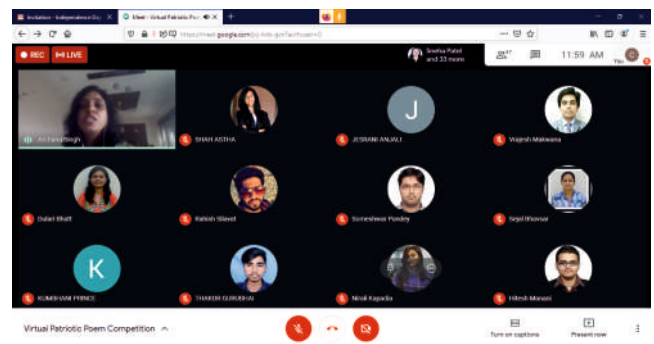
Event Overview

More than 50 faculty and staff members were gathered in the open air theatre to be a part of this patriotic event from 8:30 am onwards. The event was started with the welcome of Director-Dr. H N Shah. Independence Day is a reminder of the sacrifices of our valiant freedom fighters who stood up against the colonizers and even suffered harsh consequences unflinchingly, so that the later generations could breathe in free air. Slaving for 200 years and claiming back, our country makes us marvel at the great leaders. The program started with the flag hoisting, salutation to tricolor, national anthem followed by patriotic songs to remind us of the great freedom cadets. The Director sir delivered his official speech of Independence elaborating on how far the institute has come in terms of achievements, advances, success, and growth in every field. He also talked about how the institute plans to keep growing with an increase in the pace in the coming days and the power it claims to project globally in terms of growth, development, and achievement. Around 25 students and faculties participated in the online poetry competition which started at 11.00 am on google meet platform. Different poems titled like "Jhansi Ki Rani", "Tiranga Bharat ki Pehchan", "Azad hind ke Krantikari", etc. were presented.

Vote of thanks was given by Director sir at the end of the event. The event was organized by the cultural committee of GIT with the blessings and support of Trustees & immense guidance of Director-Dr. H N Shah. A big thanks to all the HoDs, Faculty Members, Non-teaching staff as well as Admin staff for their support and cooperation to make this event possible.



Flag Hoisting at GIT Campus



Students presenting Patriotic Poem

REPUBLIC DAY CELEBRATION-2021

The 72nd Republic Day of India was celebrated on 26th January, 2021 at Gandhinagar Institute of Technology. Due to COVID-19 pandemic, with certain precautionary measures, this occasion was celebrated in the presence of Director-Dr. H N Shah, faculty members and staff members. The event was organized by the cultural committee of GIT under the immense support and guidance of trustees & Director of institute.

Event Overview

The faculty members gathered at the open air theatre to be a part of this patriotic event early in the morning at 9:15 am. On this occasion, Director, Faculty and staff members saluted the National Flag and pledged themselves to uphold the honor and integrity, diversity and uniqueness of our beloved country India. Due to the pandemic situation of COVID-19, students took part in the flag hoisting ceremony virtually. The ceremony commenced with the unfurling of the National flag by Director followed by salutation and national anthem. Dr. H N Shah was scouted for this flag hoisting ceremony by the cadet Viren (Student of Semester-3-CE).

The Director showed his gratitude towards our soldiers and freedom fighters for giving us peaceful social life by protecting our nation selflessly. He emphasized upon the quality education which would help in the development of the city and country at large. He briefly discussed the issues that the nation is currently facing and urged everyone to unite and stand against them.

Prof. Archana Singh moderated the event and expressed her views regarding the importance of Republic Day in India. She also talked about how in 1950 the Constitution of India came into force after the country gained Independence from British rule for over 200 years. The overall event was concluded by cultural coordinator, Prof. Himanshu Barot, who sang the famous patriotic song, which added to the patriotic feeling in the audience. The ceremony culminated with heartfelt renditions of patriotic songs, which aroused feelings of love and brotherhood among all. At last, Prof. Archana Singh gave a vote of thanks to all the attendees to make the event successful.



Cadet Viren is heading to Scout Director Sir



Cultural Committee at Open Air Theatre



Team GIT on the Occasion of Republic Day

7TH INTERNATIONAL YOGA DAY

Yoga in India is considered to be around 5,000 year old mental, physical and spiritual practice. Yoga was originated in India in ancient times when people used meditation as a means to purify and rejuvenate the body and mind. It was proposed by Prime Minister Narendra Modi in his speech at the United Nations General Assembly (UNGA) on September 27, 2014. Since 2015, International Yoga Day has been celebrated every year on June 21.

Objective

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. Yoga also helps people in getting relief from stress, anxiety as well as physical and mental disorders. Yoga day celebrations bring communities much closer together to spend a day of health and harmony from a busy schedule which results in enhanced global coordination among people.

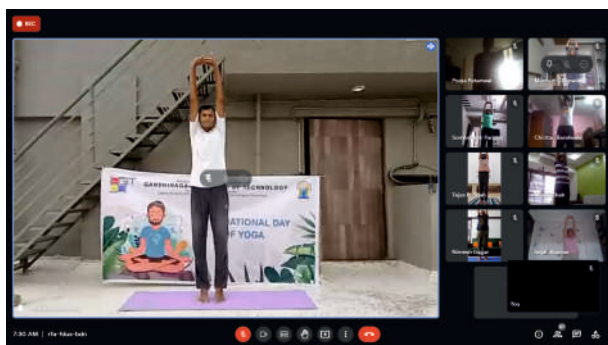
Event Details

With the Immense support of the Trustees and under the persistent guidance and inspiration of Dr. H N Shah, Director of the Institute, GIT celebrated 7th International Yoga Day on 21st June 2021 by organizing Yoga Practice Session on virtual platform with much fervor and enthusiasm by students, faculties and staff members of the institute. Around 100 participants were present in the session.

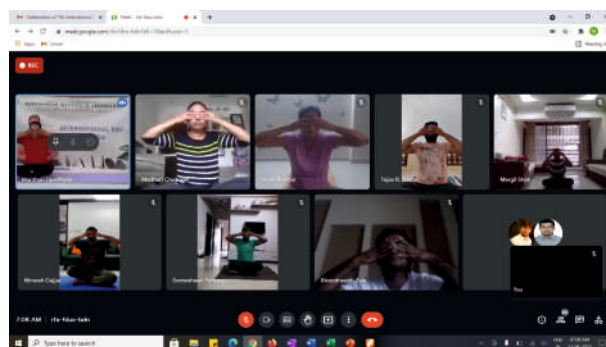
The online assembly and celebration depicted the innumerable benefits of yoga. In this pandemic situation of COVID-19, the event started at 7 AM in the morning through google meet with the Prayer of Sage Patanjali, Omkar chanting and introduction of yoga. The yoga coordinator, Prof. Manthan Upadhyay explained that yoga is the scientific way of living a healthy life and increasing life expectancy. He also listed benefits and importance of mind, body and soul nourishment through yoga with proper scientific instructions for performing all the yoga asanas, pranayams and Warm Ups and stretching exercises. Prof. Amit Patel (Yoga Team Member) demonstrated various asanas like Tadasan, Vrikshasana, Bhadrasan, Pavanmuktasan, Ushtrasan, Surya Namaskar etc., various pranayams like Kapalbhathi, Sitali, Nadishodhana 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. The event ended with the shanti mantra and motivational message sent by Dr. H N Shah with which the whole environment got filled with positive vibes.

The event was effectively accomplished by consistent efforts of GIT Cultural Committee and GIT Yoga Team

- Prof. Manthan Upadhyay (Coordinator, ME)
- Prof. Amit Patel-ME
- Prof. Chintan Barelwala-ME
- Prof. Hetal Shah-CE
- Prof. Pooja Patanwal-CL.



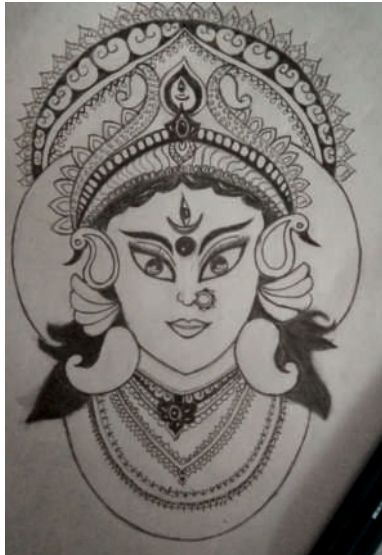
Standing Yogasan



Sitting Yogasan

CREATIVE CORNER

SKETCHES



DHRUVA PATEL
200120116028



PATHAK MAHIMN
200120119003



SHREYA SHAH
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CHARMI SHAH
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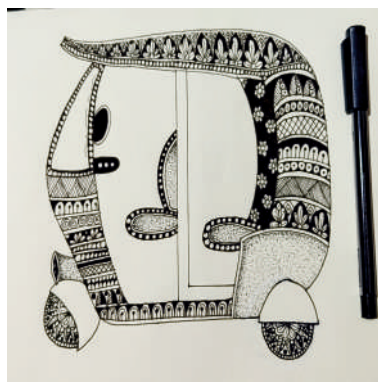
DHRUVA PATEL
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DHRUVI TURAKHIA
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PRACHI SHAH
20012011601



DHRUVI TURAKHIA
180120107179



SHREYA SHAH
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LOCKDOWN DIARIES

Lockdowns to contain the spread of the COVID-19 pandemic have posed many challenges for education globally. In an effort to engage the budding engineers and managers in constructive activities during the ongoing lockdown amid deadly corona virus (COVID-19) pandemic outbreak, GIT has done many activities for the students.

Objective of the Lockdown Activities

Students' mental health can be affected by quarantine and social distancing, so, GIT is continuously taking many initiatives to keep life as normal and routine as possible and also to engage them in productive activities.

The objective to do various activities during the COVID 19 lockdown is to be calm and stay safe at home while continuing the Teaching Learning Process and other activities. In other words, the academics must not be paralyzed during any adverse conditions. We had moved to a new era called Education 4.0. Schools, colleges, universities were shut, but then the knowledge sharing process can't stop. So, digital learning emerged as a big saviour.

During the COVID 19 lockdown, following activities were conducted by Gandhinagar Institute of Technology in order to continue the teaching learning process without any obstacle.

Safety Measures and Precautions

Gandhinagar Institute of Technology is ready and prepared for the new normal. As per the government guidelines, the institute has taken all the necessary steps in this pandemic situation to create a safe and healthy environment. Regular cleaning of campus areas is monitored to maintain a corona free campus. The institute also regulates regular sanitization of classrooms as well as laboratories. Based on the current situation, it has also installed sanitization tunnel at the entrance of the building. The persons entering the building have to pass through the sanitization tunnel and move forward for the regular temperature checks. The use of Masks was made compulsory for GITians. Maintaining Public Distance was also prompted amongst the members within the Campus. The institute proved to take all the safety measures for the wellbeing of its faculty members, staff members as well as students.

Online Academic Activities

When Gandhinagar Institute of technology has been closed, along with other engineering colleges in the State, it was an unforeseen situation for the students and the faculty. The Director and Management along with faculties discussed ways and means to work out possible alternatives. The outcome was the decision to migrate to an online model to teach remotely, conduct seminars, assignments and other activities.

As the outbreak of Corona Pandemic has increased day by day in the recent times, GIT has never stopped working for the benefits of the students. The situation of new normal is exactly the same as before. The Trustees, Director, Faculty members and Non-teaching staff gave their best efforts to utilise the time in a proper way. Work from home was taken seriously and implemented during the time of lockdown. The data of online academic activities reached to a greater height. More than **22869 hours of online lectures** were conducted during March 2020 to till date. The Professors were involved in online delivery and training with a pre-planned timetable scheduled and at the end of every session, doubts were being clarified. The teaching learning process never stopped to help the students at their ease. The students were also made comfortable to watch more than **850 video lectures** developed by the faculty of various departments. Internal exams were conducted as per schedule in the online mode. Total **5144 numbers of students appeared in online exams and viva**. The students were also provided with different webinars related to technology and management trends that will help them in their future prospects. Regular assignments were given to students and were submitted by the students online and the same were evaluated by the faculty members. Total **59 number of project reviews** have been conducted in this pandemic situation. **6 Parent Teacher Meetings** were also conducted to make aware parents regarding the progress of their wards and to solve their queries. **12 PG students' reviews** were also conducted. Online

CREATIVE CORNER

DP/IR Presentation have been taken place. **6 Design Patents** have been filed by the students and faculty members of Mechanical Engineering Department. **84 webinars** and many expert lectures, seminars and workshops have been arranged to get the students updated.

The faculties of various departments also conducted and attended various workshops and webinars for their self-learning and development. This also helps to put feather in the cap in teaching learning process. In the current scenario, we have no clue on when the offline system will be back in place. We try our best to cover as many as theory sessions possible online during this break. We are also covering all practical sessions through online recording of practicals conducted by professors.

A mixture of online and offline Teaching mode

By implementing GTU circular and guide lines, GIT has taken initiative to teach students in dual mode- online and offline. Hybrid teaching is a kind of teaching that combines online teaching with traditional teaching, which is defined as "online and offline". Through the organic combination of these two teaching forms, GIT has tried its best to impart knowledge to the students. In order to achieve this goal, the adoption of "online and offline" hybrid teaching mode is a necessary trend, which can help the students to learn better. Practical sessions have been also conducted offline.



Sanitization throughout GIT Campus



COVID - 19 CARE

20 LUXURIOUS BEDS

A SMALL PART IN THE BATTLE WITH COVID-19 CRISIS FOR ABSOLUTELY FREE BY OUR MENTOR, FOUNDER AND BELOVED TRUSTEE -

HARISH B. ROHERA

ADDRESS: KHATRAJ-KALOL ROAD, MOTI BHOYAN, GANDHINAGAR DISTRICT, KALOL, GUJARAT 382721

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GIT
"WHERE SUCCESS IS A TRADITION"

GANDHINAGAR INSTITUTE OF TECHNOLOGY

IN ASSOCIATION WITH
MOTI BHOYAN GRAM PANCHAYAT
&
HEALTH DEPARTMENT, GUJARAT

OPENS IT SPACE FOR
STABLE COVID POSITIVE PATIENTS

FACILITIES INCLUDE

- STAY
- 3 MEALS (BREAKFAST, LUNCH AND DINNER)
- WELL VENTILATE ROOMS
- WIFI AND ALL MODERN AMENITIES
- CLEANING TWICE A DAY
- BASIC PHARMACY
- FREE DOCTOR VISITS AND NURSING

FOR ADMISSION
CONTACT - MR DHAVAL SHAH
9904405900
9624742421

DOCUMENTS NEEDED - AADHAR CARD
RT-PCR REPORT

ADMISSION ONLY FOR RESIDENTS OF MOTIBHOYAN

COVID 19 Care Centre established at GIT Campus

ARTICLES & POEMS

COLLEGE LIFE IN PANDEMIC

College life, the term which every student has dreamt of living since the time they have turned to their teenage. I still remember the first time it was explained to me, a life where there is nothing to worry about, something completely different, years of fun and unlimited friends. The description made it seem so perfect that I couldn't resist thinking about it time and again the thought of it helped us push through even the toughest time of our school life. When we were finally ready to leave school life behind and take a leap into a new phase, our lives were struck by a bump. The bump was none other than the era of the Covid-19 virus, and we still live in the same era of the pandemic that began almost a year ago and counting. It had struck before we could even finish our 12th Boards and the consequences were that we had to sit at home hoping that everything is soon going to be back to the way it was. We waited and waited but it didn't come to an end, we gave the boards and the entrance exam within this period. We were still sitting at home and one day we realized that we had passed our 12th grade and then now we are finally college students, the feeling was great but could have been better if we were out there with the people we wanted to celebrate this happiness with.

It was now time for us to find the rightful institute for further education, the race had finally begun. In this cutthroat competition obviously, it isn't easy to find a college that suits you and also gives you the course that you are keenly interested in. There were tons of questions rushing through my mind while I was looking for a perfect college for me, such as what would I do with college years that I had? Would life be what everyone is saying it is? Would I be able to make friends? And what not. I finally found a college that would fit right in my choice and was also offering me the course I asked for, the college was none other than Gandhinagar Institute of Technology. The problem with the college life that we were admitted was that all of it was going to be online for some time, the life we wished to live had to be lived whilst sitting at home.

At the beginning of the semester we had to attend our lectures through the online platform, it all seemed fine at the beginning but somewhere or the other we all were looking to enter the premises of our college have a look at it, get to feel being a college student, see our classrooms and meet new people. We did find some friends and had made some groups during the online period but now we wished to meet them. Almost the entire first semester was held online, one can think of how harsh those 6 months would have been. We got a chance to see the college for the very first time but that too lasted for just two weeks and then again it was all online and it still is semester 1 has passed and it's the second semester we are in, and all that I could think of was whether or not we are going to get the chance to live the life that everyone said it's going to be when you are in college, whether or not there is going to be enough time for us to live it and many more things, but what made me kept going despite all of this would be the friends that I made. I have relied on them, have grown closer, started to learn about them, and am about to have a lot more things in the coming days.

The things that I have talked about are all that I have been through and have learned over the past year by seeing my surroundings, and somewhere or the other I feel that most of the students can relate to all of this. I would like to conclude by saying that this is what the life of a student in the pandemic era has been like, but there is nothing to worry about as though the pandemic life has been dull and online, but at the same time it has been a unique and interesting trip too.

Shubhay Agrawal
200120107157

ઉપરવાળો (ભગવાન) છે ને!!!

આ લખી રહ્યો છું ત્યારે પહેલેથી જ કહી દઉ કે આજે પોતે અસમંજસમાં છું. ના, એટલે નહીં કે આ લેખ ના વંચાય એવો છે, પણ શું અને શેના વિશે લખીશ એ મને ખબર નથી. અત્યારે તારીખ જે પણ હોય, પણ આ લખી રહ્યો છું ત્યારે 19 મે 2020 અને આની પહેલાં ના જોયેલા પાંચ મહિનાનું વર્ણન કરીશ. ના, એટલે નહીં કે આ મારા એકલાની નોંધ બને, પણ કદાચ ભવિષ્યમાં આખું વિશ્વ આને વાંચતું હશે. એક પછી એક આ જગત નવી ઊંચાઈઓ સર કરતું હતું. આ જગત જાણે દિશા ભૂલ્યું તું. માનવી પાગલ બન્યો તો, હા ખરેખર પાગલ, સાથે સાથે પૈસા અને ટેકનોલોજી માણસને અંદરથી ખતમ કરી રહ્યા હતાં. આ બધું આપણે કે તમે બધાએ સાંભળ્યું હશે કે કદાચ અનુભવી રહ્યા હશો.

જો તમારો જન્મ એવા જગતમાં થયો છે જ્યાં અહિંયા એટલે કે હું જીવી રહ્યો છું એના કરતા ભૂંડ, અરે માફ કરજો, સારા નરસાની વ્યાખ્યા અહિં કોને આપવી એ નક્કી કરી શકાય એવી અવસ્થા જ નથી. કશો વાંધો નહિ, વાત આગળ ચલાવું છું. કદાચ એક વાર્તા જ લાગશે પણ આ મે અનુભવ્યું છે અને હજી અનુભવી રહ્યો છું. આમ તો વાંચેલું કે કળયુગ આવશે ભગવાન પ્રલય ફેલાવશે પણ દુનિયા આગળ વધતી હતી એ પ્રમાણે લાગતુંય એવું હતું કે હજી તો ઘણી વાર છે અને આપણે નવા શિખરો સર કરી રહ્યા છીએ. અહીંયા ઇન્ટરનેટને આજે વીસ-પચ્ચીસ વર્ષ ઉપર થઇ ગયા છે. આઈટી ક્ષેત્ર એના ટોચના સ્થાને જવા મથી રહ્યું છે. વિશ્વ મીકેનીકલનો તબક્કો ધીમે ધીમે છોડીને રોબોટીકસ તરફ આગળ વધી રહ્યું છે અને જો વિશ્વના મહાન કહેવાતા માણસો વચ્ચે પણ ચર્ચા થાય તો માત્ર ત્રણ જ વસ્તુ દેખાશે ટેકનોલોજી, આર્ટીફિશિયલ ઇન્ટેલીજન્સ અને ડેટા. આ વિશ્વ 100 વર્ષમાં ટેલિગ્રામથી મોબાઇલ સુધી પહોંચ્યું છે.

હું માત્ર માણસના વિશ્વની વાત કરું છું કારણ કે હું માણસ છું પરંતુ મને લાગે છે કે આ બધું કરવામાં ને કરવામાં બિચારા માણસથી ભૂલાઇ ગયું કે અહિં બીજી જીવસૃષ્ટિ પણ છે જેને બચાવવી એ ઘણા ધર્મોમાં સત્કર્મ કહેવાય છે. પણ હું કદાચ એને સહજીવન માણવાના ઉપચાર તરીકે લઉં. તમે એની સેવા કરો એ તમારી સેવા કરશે જ અને વિશ્વાસ ના હોય તો એક વાર ગાયને પંપાળ્યા વગર દૂધ દોહી જુઓ. એની સાથે વાત કર્યા વગર અડી તો જુઓ. અરે આ તો માનવીની કુરતા છે કે એ માંસ ખાવા માટે બધાને મારી નાખે છે. અહીં વાત વેજ-નોનવેજ ની નથી પણ સાવ નિર્દયતા જેવું તો ના હોય ને. વૈશ્વિકીકરણ ની જેટલી અસરો સીધી ઊતરી છે હવે એટલા જ એના નબળા પાસા કદાચ આપણને જોવા મળશે. આ જગત એ બાજુ પ્રયાણ કરી રહ્યું છે જેવું ઘણી હોલિવુડ ફિલ્મની કલ્પનાઓમાં છે. પ્રકૃતિની છોડી લોકોને મોત પછી કોઇ બાળવાય તૈયાર નથી અને આમા કશું અતિશયોક્તિ નથી લખ્યું. અવઢવમા છું પણ નશામા નહીં.

અરે કઈ બાજુ લઇ જવો છે આ સમાજને? હમણાંજ નવી નવી ફિલ્મો જોવાનો મોકો મળ્યો. એક સિરિઝ જોઇ “લોસ્ટ ઈન સ્પેસ” જેમાં બધા એક અજાણ્યા ગ્રહ પર પડે છે અને પછી પોતાનો જીવ બચાવવા ગમે તે હદે જવા તૈયાર હોય છે. અલબત્ત બધા એવા નથી પણ મોટાભાગના લોકો કા તો એવા બની ગયા છે અથવા તો બનતા જાય છે. પેહલા જ કહ્યું તું કે અવઢવ માં છું કે શું લખવું એ ખબર નથી પડી રહી. વાંચતા રહો કદાચ એવું કંઈક મળી જાય જે તમે કદાચ વાંચ્યું, સાંભળ્યું કે જોયું ના હોય. આ છપાશે ત્યારે કયું વર્ષ હશે એ મને ખબર નથી પણ જો હું જીવતો છું, તો મારી ઊંમરના બધા આ ઘટનાના સાક્ષી છે. જગતના ડાહ્યા કહેવાતા માણસોના હાથમા કશું રહ્યું નથી. આ વિશ્વ વગર ગુમાવે ઘણું બધું ગુમાવી રહ્યું છે. અરે હું કંઈ તમારી આગળ રોદણા રોવા નથી બેઠો. એ જ લખી રહ્યો છું જે જોઈ રહ્યો છું. બધાને આગળ વધવું હતું. બધાને પ્રગતિ કરવી હતી. લોકો ડિસ્કાઉન્ટ માટે લાઈનમા ઊભા તા. અરે હું પોતે ગઇ નવરાત્રિમાં આનંદથી ઊછળ્યો હતો. હજારોની મેદનીઓ અને મેળાઓ

સાથે વિશ્વ આખુ ગુંજી રહ્યુ તુ. સૌ કોઈ મસ્તી મા ગુલતાન હતા. દરેક માણસના મોઢે એક જ વાત હતી કે હવે આના પછી આ અને પછી આ. બધાના આગળના પ્લાન્સ તૈયાર હતા. માણસો ખુશ ખુશાલ હતા. નાખુશ હતો તો મારો એક મિત્ર અલબત્ત એને આની સાથે કોઈ લેવા દેવા નથી. અમારી તો યુનિવર્સિટીના ટેકફેસ્ટ પણ થયા ફેબ્રુઆરીમા. જાન્યુઆરીમા પતંગ પણ ઉડાડયા.

અલબત્ત અહિં કહેવાનુ રહી ગયુ કે 2019 ના અંતમાં પડઘા પડવાની શરુઆત થઇ ચુકી તી. નવેમ્બરમાં જ એ વાઈરસનો પ્રથમ કેસ નોંધાયો. જેનાથી જગત અજાણ હતું. જેનાથી વિશ્વની ટ્રેન ખોટવાવાની હતી. અલબત્ત અહિં હવે કોઈને દોષ દઈને મતલબ નથી. વિશ્વનેતાઓ અટવાયા તા. ઘણા દેશોના વડાપ્રધાનો જાહેરમા અથવા ખાનગીમા રોયા હતા. અરે એક નરી આંખે પણ ન દેખાતા આ જીવાણુએ તો દુનિયાની વાટ લગાડી દીધી હતી. પણ અચાનક વિશ્વની ગાડી ને બહુ મોટી બ્રેક વાગી. ગુજરાતના ગોધરાકાંડ માં ય ખાલી ભારતમાં જુવાળો થયા તા આ તો વૈશ્વિક મહામારી જાહેર કરી દીધી. આંતરરાષ્ટ્રીય સંગઠનો, વિશ્વનેતાઓ, મોટી કંપનીના સી.ઈ.ઓ થી લઈને નાના મોટા દરેક ઉપર આની અસર પડી.અને આટલુ ભયાનક દ્રશ્ય સર્જાયુ છતાં ઘણી સકારાત્મકતા પણ જોવા મળી. ચાલો જો હવે તમે આ દરમિયાન નાના હોવ કે પછી તમારો જનમ ના થયો હોય એવા લોકો માટે કહી દઉં કે જેમ તમે તમારી મસ્તીમા હોવ ને ભાન ના રહે એમ આ બાળવિશ્વને પણ એની મસ્તીમાં ખબર ના પડી ને અચાનક તો નહિ પણ 3 મહિના જેટલા ટૂંકા ગાળામા આખુ વિશ્વ ઝપાટામાં આવી ગયુ. અહિં ચર્ચા કરવાનો પ્રશ્ન એ નથી કે આ કયાથી આવ્યુ ને કેવી રીતે ફેલાયું પણ સમગ્ર માણસજાતને આંચકો તો ત્યાં લાગ્યો કે આટલી પ્રગતિ અને ટેકનોલોજી કશા જ કામે ન લાગી.

મારા અત્યાર સુધીના વાંચનને આધારે છેલ્લા 500-700 વર્ષની આ સૌથી મોટી મહામારી હતી. કારણ કે બાકીબધામા વિશ્વના કોઈ ખૂણે થયુ હોય અને બીજા કોઈ દેશ અથવા પોતે સમય રેતા એમાંથી નીકળી જાય. પણ જેમ બાળક જીવલઈને બેસે એમ આ જિંદી વાઈરસ પણ ચડી બેઠો આ માનવી પર પણ બાળહઠને બીજે રવાડે ચડાવી દેવાય આને કેમ ચડાવવી? અત્યાર સુધી તમે વાંચ્યુ એ પરથી તમને એટલો તો ખ્યાલ આવી ગયો હશે કે એક વાઈરસે દુનિયાને હલાવ્યુ તું જેના લક્ષણો બહુ સામાન્ય કહેવાય એવા શરદી, ઉધરસ, તાવ અને મોત. એટલે દરેક કેસમાં એવુ નહિ અલબત્ત મોટા ભાગના કેસો સુધરી રહ્યા છે. અને ફેલાવો બહુ જલદી થઈ રહ્યો છે. અને વિશ્વ આખુ, હા હવે 90-95% હોય તો એ આખુ જ કહેવાય, બંધ હતું. જગતને ક્વોરોન્ટાઇન, લોકડાઉન જેવા નવા શબ્દો મળી રહ્યા હતા.આટલા વર્ષોમાં કદાચ ક્યારેય નહિ બન્યું હોય એવું તો ઘણું માત્ર 3 મહિનામાં બની ગયું. સૌથી વધારે આંચકાજનક ભારતની પ્રજાનેતો ત્યાં લાગ્યુ કે નાના અમથા દુખમાં ય બાધા માનતી આ પ્રજાના મંદિરો ય બંધ હતા!! હા હા હા અદ્વહાસ્ય કરવાનુ મન થાય જ ને ખરેખર હૃદયથી આટલા વર્ષોમાં કદાચ પહેલી વાર આ મંદિરો બંધ રહ્યા હશે એટલે હાસ્ય કરવાનુ મન નથી થતું? પણ મંદિરો બંધ કરવાથી લોકો ખરેખર ભગવાન ભરોસે જીવી રહ્યાં છે. એકબીજાને આશ્વાસન આપી રહ્યા છે કે ઉપરવાળો છે ને! પછી આપણે કયા ચિંતા કરવાની જરૂર છે. લોકો ધીમે ધીમે આડા રવાડે ચડી રહ્યા છે. પણ એક વાક્ય, ભગવાન છે ને! દરેક વાતનો અંત આ વાતથી આવી રહ્યો છે. આટલુ તો મંદિરો ચાલુ હતાં ત્યારે ય યાદ નહિ કર્યા હોય! પણ કહેવાય ને કે તકલીફમાં હોય ત્યારે જ યાદ આવે બધું. કેટલાય ઘરોમાં લોટ પાણી ખુટી રહ્યા છે. કેટલાય લોકો યોગ્ય સારવાર ન મળવાને કારણે મરી રહ્યા છે. ખાદ્ય વસ્તુઓના ભાવ આસમાને છે. તો વળી વેપારીઓ પણ લૂંટી રહ્યા છે. લોકોની મજબૂરી નો ફાયદો ઉઠાવાઇ રહ્યો છે.પણ દોસ્તો આ બધાની વચ્ચે વિશ્વને બેઠુ થતા બીજા 4-5 વર્ષ નીકળી જશે. કેટલાયના ધંધા પડી ભાંગ્યા છે. લાખો કારીગરો, સોરી કરોડો કારીગરો બેકાર બન્યા છે. દુનિયાની ગાડીને ખરેખર એક જોરદાર બ્રેક વાગી છે. એન્જિન ફરીથી ધમધમતું થતા કદાચ આ વર્ષ તો નીકળી જ જશે. અરે પાછી સ્પીડ પર આવતા બીજા થોડાં વર્ષો. દુનિયા ફરીથી નોર્મલ થશે જ. અને ગાડી ફરીથી સ્પીડ પકડશે જ .પણ હવે સમય

છે એન્જિન બદલવાનો. સમય છે જે થઈ ગયું એને ભૂલીને નવા માર્ગે આગળ વધવાનો.

મને ખબર છે આને હું લખી રહ્યો છું ત્યારે કદાચ કોઈ વાંચવાનું નથી. કદાચ વાંચીને લખાણ થોડું લાંબુ થી લાગે. પણ એ યાદ રાખજો કે વિશ્વએ આના કરતા પણ મોટી મહામારીઓ જોઈ જ છે. દરેક વાર્તાનો અંત સારો જ હોય એ જરૂરી નથી પણ એને સારો બનાવવો એ આપણા હાથમાં છે. કોરોનાથી વિશ્વને ઘણું નવું શીખવા મળ્યું છે, જે આ જગત એમ ને એમ ના શીખી શકત. દરેક માણસ પાસે હવે વધારે આત્મીય બળ છે. જે જીવી રહ્યાં છે એના મગજ કંઈક નવું કરવા થનગની રહ્યા છે. અલબત્ત તમારા વિચારોને એક દિશામાં લગાડો સફળતા મળશે. કોરોના આવ્યો છે એ એનું કામ કરશે તમે તમારું કરો. બિચારા એ વાદરસને તો ખબર પણ નહીં હોય કે એણે માણસને પછાડી દીધો છે. પણ દરેક માણસે એને મનોમન દુશ્મન બનાવ્યો જ છે. દરેક માણસ અલગ રીતે સમજી રહ્યું છે અને વિષ્ણુ પણ પોતપોતાના વિચારો જ્ઞાન અને આચારો પહોંચે ત્યાં સુધી કરી રહ્યું છે. પણ મુખ્ય વાત તો એ છે કે હજી અહીં દરેક માણસની વાતનો અંત પેલા વાક્ય થી જ આવે છે ભગવાન છે ને!!! છે કે નહિ ખબર નહિ પણ તમારો આ વિશ્વાસ જ કે કોઈ તત્ત્વ તમને બચાવી રહ્યું છે એ જ તમને જીતાડશે. ફરીથી જેમ ખરાબ સપનાને કોઈ યાદ નથી રાખતું તેમ આને પણ યાદ ના રાખતા. સૌ કોઈ નિર્દોષ છે. કોઈ એ જાણી જોઈ ને આવું નથી કર્યું અને જો કર્યું હોય તો ઉપરવાળો છે ને! આ માનવતા જાળવી રાખજો બાકી આવી તો કેટલીય મુશ્કેલીઓ વિશ્વના દરેક પરિવારે ભોગવી છે ને એમાંથી બહાર પણ આવ્યા જ છે. અને આ પૃથ્વી નામના ઘરમાં આપણો એક પરિવાર જ છે દોસ્તો! બસ ઘર અને પરિવારને બચાવશો તો કોઈ દુશ્મન કે કોઈ દોસ્ત નથી. બધા એક જ તત્ત્વમાંથી આવેલા અને ત્યાં જ જવા મથતા પ્રવાસીઓ છે. બાકી ઉપરવાળો તો છે જ ને!!

છેલ્લા શ્વાસ: સમયની ચાલને સમજવાની કોશિશ ના કર એ દોસ્ત, કોઈ નહ પુરી શકે માં ની એ ગયેલા દીકરાની ખોટ. અને જો વાત એક વખતની હોય તો સમજ્યા, પણ આ તો દર વખતનું છે કે તું કરે નવો ધંધો ને એમાં ભી ખોટ. કાંઈ વાંધો નહ અમે પણ દરિયાને માણ્યો છે .તુ પણ સંગે જોડાઈ જા, સંગે માણીશું ખારા એ દરિયાની ભરતી ને ઓટ અને પૂનમની એ ચાંદની રાતમાં ભળી તને મળ્યા ની ખુશી, કે જેવી એક ગરીબ માને મળી પહેરાવા એના બાળકને લંગોટ.

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જોર વાત છે આ વર્તનની

અજાણ્યાને પણ આંખો પોતાનો બનાવે, અને વાતો એ સંબંધને આગળ વધારે.

ઓળખાણો થકી કામો કરાવે ને, વિચારો થકી ભાવનાઓ દર્શાવે.

જોર વાત છે આ વર્તનની..

શબ્દોની સાપેક્ષે સમજણ દર્શાવે ને, ના કહીને ફરી બોલાવે.

નજરો ચોરાઈને બીજાને જૂઠલાવે દિલની વાતોને ન જાણે કેમ છુપાવે?

જોર વાત છે આ વર્તનની..

પળે જાણી લે મહેનતનો ફળ ને, પળે માણે આળસનો રંગ;

શબ્દોની માયાથી ખુદને બહેકાવે ને, ખોટી દુનિયામાં ખુદને ઊલજાવે.

જોર વાત છે આ વર્તનની..

જીવનને પણ મૃત્યુ સમજી લે ને, એક પળમાં પણ જીવન શોધી લે.

સુખ આવે ને સમજે રાજા જગતનો ને, થોડા દુઃખોમાં પણ રંક જણાવે.

જોર વાત છે આ વર્તનની..

નવી નવી વાતોમાં ફરતો રહે ને, કેટલીક જૂની સુખદ વાતોમાં રૂકતો રહે.

ખુશ થાય જ્યારે attractionમાં પડે ને, સ્થિર થઈ જાય જ્યારે પ્રેમ જળે.

જોર વાત છે આ વર્તનની..

હોય છે બધું એની આસપાસમાં ને, જાણે કેમ શાની શોધમાં ભટકતું રહે?

મળેલું છે એની કિંમત ભૂલીને, જે નથી એની ચિંતામાં રડતું રહે.

જોર વાત છે આ વર્તનની..

કોઈના સાથની અપેક્ષામાં ઝંખતું રહે ને, કેટલીક વાર એકલા રહેવા તડપતું રહે.

સાથીના સંગાથમાં પણ ખુશ થાય ને, કેટલીક વાર તેની હાજરી પણ નળે એને.

ભૂલોને છુપાવતું જાણે ક્યાં ગૂમ રહે?

જોર વાત છે આ વર્તનની..

દુનિયાને સમજવાની ભૂલમાં, ખુદને જાણવાનું ચુકી જાય છે.

સંબંધો તૂટવાના કારણે, કેમ ખુદથી રૂથી જાય છે..?

નથી જાણી પણ શકતો, ખુદને સુખી રાખવાના રાઝ ને..!

અને દુનિયાને હસાવવા નાટકો, રચ્યા કરે.., મથ્યા કરે..

જોર વાત છે આ વર્તનની..

Bhavinkumar Rana
200120119502

છે ને પપ્પા જાદુગર ?....

મમ્મીએ તો એમ કહ્યું છે.... પપ્પા છે જાદુગર
સવાર પડતાં દુનિયા આખી વસી જાય છે અંદર
રાત પડતાં.... દિવસ આખાને દેખાડે નહિ થાક...
આપણી સાથે હસતાં રમતાં થઈ જાય છે ન્યાલ
પપ્પા મારા હોય ભૂલકણ તોય...
મનની અંદર લઈ ફરે છે આખેઆખું ઘર
છે ને પપ્પા જાદુગર ?....

પપ્પાને તો જીવન રમતમાં સતત જીતવું પડે
મારી સાથે રમતાં રમતાં હારવું એમને ગમે
ચિત્રકામમાં એમને તો આવડતું નથી કાઈ
પોપટની જગ્યાએ તો દોરી નાખે ગાય
પાટીના મારા અંધકારને એ કરતાં છુંમતર
છે ને પપ્પા જાદુગર ?...

આંખે યશ્મા પહેરીને શોધી લેતા સઘળું
મારું ખોવાયેલું બચપણ નથી એમને જડતું
પાનેતર નાં લાલ રંગને આંખે આંજી લેતા
છુપકે છુપકે હળવા આંસુ સારી લેતા
ઉભરતાં ડુસકાને તો ગળી જાય છે અંદર
છે ને પપ્પા જાદુગર ?....
છે ને પપ્પા જાદુગર ?....

Suhani Modi
200120107048

રાખ એવુ લક્ષ

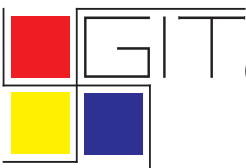
રાખ એવુ લક્ષ મીઠા પણ બોલવા લાગે, સવારે ઊઠીને માણહ જો દોડવા લાગે
તમને ફૂલ ગમે કે ફૂલની સુગંધ શુ ફરક પડે, ગુલાબ તોડવા જતા ક્યાંક કાંટા પણ વાગે

પૈસા કમાવા માટે દોડ્યા કરે છે સૌ, એના માટે એ પ્રાણી દિવસ રાત જાગે
નદીઓના ગીતો અને પવનના અવાજો બધાને ગમે છે, પણ કુદરતના આ અવાજો વળી કયા રાગે?

ટ્રેનને ચલાવવા વપરાય છે ચારકોલ ચમનને અડવા મથો છો તમે,
હવે તો આપણી વચ્ચે રહેલી દીવાલ જો ક્યાંક તૂટતી લાગે

Harshit Sampat
170120116082

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