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Director's Message



I am glad to announce the release of "GIT Newsletter Volume 2, Issue-2". The newsletter serves as a medium to gratify the creative yearnings of the students. As the quarter includes the warm welcome and best wishes to first year students, the celebration of Navratri-festival of strength, Diwali-festival of lights and Christmas-festival of love and Joy, I wish the same spreads with exponential blessings on GIT Family. I am sending good wishes in this coming year-Vikram Samvat 2078 to touch new heights of success with hard work and dedication. I want to take this opportunity to express my thanks to the Team of GIT on this special occasion of publishing the newsletter in the festive time that would help cherish the moments and preserve the success stories created by the stakeholders of the institute.

TOP STORIES



15TH ANNIVERSARY CELEBRATION

Gandhinagar Institute of Technology celebrated its 15th Anniversary on 4th December, 2021. In the presence of honourable Director Dr. H. N. Shah, all faculty members and staff members celebrated the foundation day with great joy and happiness. Dr. H. N. Shah, Director GIT, appreciated the role and hard work of teaching, non-teaching and other staff members, especially the members who are associated since inception of the institute i.e. 2006. At the end, all the staff members shared their experiences of their journey at the institute.

APPROVAL OF NCC SUB UNIT



Gandhinagar Institute of Technology got the approval of a new raising NCC Sub Unit / Troop under 2 Guj Air Sqn NGC, Ahmedabad on 22nd October, 2021. NCC orientation program was scheduled at RC Commerce College on 12th December, 2021. Drill Sessions for parade and introduction of NCC was briefly explained to cadets.

SELECTED AS AN OFFICER IN THE INDIAN NAVY



Chintan Chhatbar, Alumni of EC Department has been selected in Indian Navy as an Officer. Out of 2000 students at INA, he has been awarded 'Flag Officer Commanding in Chief Silver Medal' on passing out parade at Indian Naval Academy on 27th November, 2021.

3.5/4 STARS RANKING IN IIC ANNUAL PERFORMANCE 2020-21

Gandhinagar Institute of Technology received 3.5 stars in Institutions' Innovation Council (2020-21) Annual Performance. Congratulations to GIT- IIC Cell for achieving a huge success. GIT is truly proud of the collective contributions in shaping India's future, as a nation for innovation.

ACTIVITIES

MEDITATION FOR BEGINNERS



The Women Development Cell of GIT organized an online session on "Meditation for Beginners" on 18th October, 2021. The expert, Dr. Aanal Rawal from Swatva Yoga Studio, Gandhinagar explained about meditation and its techniques. The session provided a deep state of relaxation and a tranquil mind to all the female participants of GIT.

DIWALI CELEBRATION- 2021

Gandhinagar Institute of Technology celebrated a clean and green Diwali with festive gusto. Students made a beautiful and grand Rangoli. The entire campus buzzed with excitement when the students, teachers and admin staff members exchanged Diwali greetings to each other before leaving for their Diwali vacations.



SHARADOTSAV-2021



Gandhinagar Institute of Technology celebrated "Sharadotsav" on 20th October 2021. GIT family brought back the groove and the notion of happiness to the campus with this celebration after the pandemic. In the presence of honorable trustees of Institute Shri Haresh Rohera, Shri Vinay Rohera and Director of the Institute Dr. H N. Shah, faculties, staff members and students celebrated the event with great joy and devotion towards Indian Culture. Tremendous performance by Gujarati rock star singer Bhai Bhai fame Mr. Arvind Vegda and his music band spellbound everyone gathered for Sharadotsav Maha Aarti.

NPTEL STARS

- **Prof. Amit Patel and Prof. Manthan Upadhyay** mentored the students for NPTEL Online Certification Course in December 2021.
- **Dr Mihir suthar, Prof. Someshwar Pandey, Prof. Amit Patel, Prof. Dhavalkumar Panchal** got NPTEL Elite Certificates.
- **Prof. Hetal Shah** got NPTEL Elite + Silver Certificate.
- **Dr. Prashant Pandya & Prof. Nirali Kapadia** successfully completed NPTEL online certification course.
- 8 Students got NPTEL Elite Certificates.
- 4 Students got NPTEL Elite + Silver Certificates .
- 4 Students have successfully completed NPTEL online certification courses.

PUBLICATIONS

- Suthar Falgun, **Hetalkumar Shah**, Sujoy Chaudhury; "A review on application of nickel base hardfacing alloys in sodium-cooled fast reactor", AIP Conference Proceedings; Volume No. 2395, Issue No. 1, Page No: 030005 - 030009;(2021).(AIP Publishing LLC, <https://doi.org/10.1063/5.0068164>).
- Mayuri Mehta, Kalpdrum Passi, Indranath Chatterjee, **Rajan Patel**; "Knowledge Modelling and Big Data Analytics in Healthcare: Advances and Applications"- 1st Edition; CRC Press (T&F); Page No.362 (2021) (Edited Book) (ISBN 9780367696610).
- **Rajan Patel, Rahul Vaghela, Madhuri Chopade, Prakash Patel**, Dulari Bhatt; Book Chapter 7: "Integrated Neuroinformatics: Analytics and Application"; Knowledge Modelling and Big Data Analytics in Healthcare: Advances and Applications; CRC Press (T&F);Page No.11 (2021).
- Nivedita Mishra, Sharnil Pandya, Chirag Patel, Nagaraj Cholli, Kirit Modi, **Pooja Shah, Madhuri Chopade**, Sudha Patel, Ketan Kotecha ; "Memcached: An Experimental study of DDoS Attacks for the Wellbeing of IoT Applications"; Sensors Smart Healthcare Systems Based on the Internet of Things and Artificial Intelligence- ,MDPI; Volume No. 21, Issue No. 23, 8071; (2021) (ISSN NUMBER-1424-8220).
- Sharnil Pandya, Aanchal Thakur, Santosh Saxena, Nandita Jassal, Chirag Patel, Kirit Modi, **Pooja Shah**, Rahul Joshi, Sudhanshu Gonge, Kalyani Kadam, Prachi Kadam; "A Study of the Recent Trends of Immunology: Key Challenges, Domains, Applications, Datasets and Future Directions",Sensors Smart Healthcare Systems Based on the Internet of Things and Artificial Intelligence- ,MDPI; Volume No. 21, Issue No. 23, 8071;(2021) (ISSN NUMBER-1424-8220).
- Bardia Amrita, **Chavda Virendra**; "Digital Financial literacy:An empirical evidence from Problem and Perspectives of elder age people";Journal of the Asiatic Society of Mumbai;Volume No. 95, Issue No.12 (III) ;(2021) (The Asiatic Society of Mumbai, ISSN : 0972-0766).

ACHIEVEMENTS

FACULTY

- **Dr. MAITRI PATEL**
 - Honoured with PhD in Computer Engineering from Sankalchand Patel University, Visnagar under the guidance of Dr. Rajan Patel (HoD, CE, GIT).
- **Dr. RAJAN PATEL**
 - Delivered an expert lecture on "IoT and its Application layer Protocols" in 5 Days offline mode FDP on "Advance Technologies in Computer Science & Engineering" at Indrashil University, Kadi, Gujarat jointly organized by Knowledge Consortium of Gujarat (KCG) and Indrashil University on 2nd December, 2021.
 - Delivered an expert lecture on "IoT Protocols and its Security" in 5 Days offline mode STTP on "Cyber Challenges for Industry 4.0" at GTU PG School, Ahmedabad on 22nd December, 2021.
 - Acted as a Session Chair in the Springer's Series, Sixth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2021), Jaipur, Rajasthan, India on 17th December, 2021.
 - Invited as a Subject Expert for the offline Faculty Recruitment interview for CSE/IT - FET, Parul University on 20th Nov. 2021.
- Nine faculty members have participated in AICTE online 5 days FDP on "Inculcating Universal Human Values in Technical Education" from 15th-19th November, 13th-17th December, 20th-24th December & 27th-31st December 2021.

STUDENT

GOLD AND BRONZE MEDALS IN 60 KG WEIGHT CATEGORY

- **Golwelkar Neel Amit (190120111002)** secured a Gold medal in the 60 Kg Weight Category (under 21 years) in the "State Selection Karate Tournament", organized by "Karate Association of Ahmedabad" at Khokhra Sports Complex, Ahmedabad on 27th & 28th Nov., 2021.
- He also secured a Bronze medal in the "Gujarat State Sub-Junior / Cadet / Junior U-21 Karate Championship", organized by "Karate Do Federation Gujarat" at Gandhidham, Kutch on 11th and 12th Dec., 2021.

"Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time."

-THOMAS A. EDISON.

WEBINAR/WORKSHOP

- Mechanical Engineering Department organised a workshop on "**3D Printing**" on 2nd December, 2021. **Prof. Jatin Patel and Prof. Dhaval Patel** were the experts of the workshop.
- GIT IQAC Cell, CE and IT Department organized a webinar on "**Database Trends and Application**" on 16th October, 2021. **Mr. Mahesh Gurjar**, Director, M G InfoSoft, Ahmedabad was the expert of the webinar.
- GIT IIC Cell in collaboration with SSIP Cell, IPR Cell and IQAC Cell organized an "**Impact Lecture Sessions**" on 24th September, 2021 and 5th October, 2021. The event was sponsored by the Ministry of Education and AICTE. **Mr. Karmjitsinh Bihola, Mr. Amit Patel, Mr. Darshak Doshi, Mr. Shravan Rajpurohit and Mr. Satya Ranjan Acharya** were the experts of the sessions.
- MBA Department organized Seminars on "**Shape your Destiny**", "**Time Management**" and "**Corporate Etiquettes**" on 23rd November, 30th November and 17th December, 2021 respectively. **Mr. Vivek Randeria**, Hunch Consultancy was the expert of the sessions.
- GIT IPR Cell organized GUJCOST and DST national level webinar on "**Intellectual Property in Academia**" on 21st October, 2021. **Dr Nithin K S, Shri Pankaj Borkar and Mr Vijay Makkyam** were the experts of the webinar.
- GIT SSIP, IPR, IIC & IQAC Cell organized a "**A Startup Talk 2021**" on the occasion of "**Student Innovation & Startup Day**" on 14th October, 2021 which marks the birth anniversary of former President of India Dr A P J Abdul Kalam. A Startup Founder of "Booxwoox", **Mr Maurya Bhatt** shared his journey as an expert of the talk.
- Electrical Engineering Department and Electronics & Communication Engineering Department of GIT conducted a workshop on "**Mobile Application Development Trends**" under Mobile and Wireless Technology Club on 16th October, 2021. **Prof. Hitesh Manani and Prof. Megha Desai** were the experts of the workshop.

RESULTS

Semester	Branch	Percentage	Month of Result
2	CL,CE,EE,EC,IT,ME	99.44	Nov. 2021
4	CL,CE,EE,EC,IT,ME	97.49	Oct. 2021
6	CL,CE,EE,EC,IT,ME	98.84	Sept. 2021
8	CL,CE,EE,EC,IT,ME	99.44	Sept. 2021
2	MBA	80.88	Nov. 2021
4	MBA	95.83	Sep. 2021

ALUMNI TALK

MBA Alumni **Mr. Akshay Suthar** and **Mr. Dinesh Prajapati** of batch 2018-20 have discussed with MBA students about the importance of interpersonal skills & presence of mind at the time of an interview on 4th October, 2021.



CAMPUS DRIVE

Training and Placement Cell of GIT is pleased to get students placed in reputed multinationals and the private sector. Total 18 students were placed from October to December in different companies like:



RESEARCH & INNOVATION (IPR)

Four Design Patents have been filed by the institute :

- **Patel Ravibhai Rameshbhai** filed a Patent on “**Solar Panel Mounting System**” with Application No- (355134-001) on 19/12/2021.
- **Sreeraj S.Tharakan and Twisha A. Patel** filed a Patent on “**Signalling Device for Road Safety**” with Application No- (355137-001) on 19/12/2021.
- **Bhavsar Yash, Panchal Shubh, Pandya Mayur and Shah Saumya** filed a Patent on “**Cleaning Trolley**” with Application No- (355141-001) on 19/12/2021.
- **Bathani Daksh Shaileshbhai and Shaikh Mohammed Saffan Mo. Rafiq** filed a Patent on “**Access Control System**” with Application No- (355325-001) on 22/12/2021.

:- PROGRAMMES :-

B.E.
 INFORMATION TECHNOLOGY
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 ELECTRONICS & COMMUNICATION
 MECHANICAL

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