



NEW GEN ENGINEERS



TECHNICALIEEE

Technology is
anything that
wasn't around
when you were
born

- Alan Kay
(Computer
Scientist)

THE GLOBAL
REACH
OF IEEE

JOURNEY
OF IEEE
CREATIVE
CORNER

We believe that everyone has a skill, and we should encourage and support emerging potential. Here is some creativity from GTBITians.

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GTBIT SB



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Wisdom from the Chairman of the college

S. AMARJEET SINGH JI



Our pupils' intelligence and tenacity are outstanding and commendable at IIPC-GTBIT. By actively engaging enterprise, IIP cell's main goal is to create a harmony between customer expectation and educational services. I'm pleased that we were able to care for our students throughout this time as a trustworthy organization that values their workforce.

This system's goal is to inspire participants to pursue entrepreneurship as a career and to equip them with the skills necessary to successfully take advantage of market opportunities for their own businesses. IIPC assists aspiring start-ups in realizing their innovative ideas, providing enormous assistance through their ideas.

Letter from the Manager of the college

S. HARJEET SINGH JI



I firmly feel that over the course of its existence, the entrepreneurship cell of GTBIT, The IIPC, has done a very good job of preparing students' minds and nurturing their hearts to become great entrepreneurs on a scale of excellence. I feel proud to be the Manager of the IIPC since there are incentives for career development and a competitive atmosphere.

Everyone wants to do the new and best thing for their facilities, as we all know. Because of this, some people are looking for the best prospects, while others are looking for business. They put in a lot of effort and launch a successful firm on their own; this is called entrepreneurship. However, they require advice and competent support if they are to achieve perfection, the IIPC cell of GTBIT offers it all.

A talk with the Director of the College

R. ROMINDER KAUR RANDHAWA



I'd like to start by greetings and wishing for everyone a shower of blessings from the omnipotent God. There are numerous diversions for pupils in today's environment of rapid change. It has become crucial for learners to have an education that equips them with the skills necessary to successfully navigate through life's problems by choosing the appropriate path. The majority of individuals think that starting their own business is the quickest path to wealth, yet this misconception is sometimes unfounded. The reality is that you can only be successful in business if you possess the necessary entrepreneurial abilities, attitudes, and behaviors. We want to create a productive structure inside the department . I strongly believe that it is my duty to create the culture in our society, work closely with our children to ensure that we have the opportunity to demonstrate these qualities.

FROM THE DESK OF BRANCH COUNSELOR MR. MUKESH SAHU



IEEE GTBIT has been helping students to thrive in a professional work environment for years. Being the branch counselor of IEEE GTBIT gives me immense pleasure and satisfaction as a teacher. The students involved with our branch value ethics, honesty, and truthful learning.

Over the years, we have also opened separate CS and WIE chapters which have helped broaden the spectrum of our children. We work with students to help them improve their academic skills, technical skills, human values, and decision-making abilities.

I believe it is my duty to establish the culture in our society, and I collaborate closely with other IEEE mentors and our students to ensure that we have the opportunity to demonstrate these characteristics.

LETTER FROM THE CHAIRPERSON

ROHAN KUMAR SINGH

As the Chairperson of IEEE GTBIT, I look forward to leading the students into becoming industry-ready working professionals. We as a team aim to broaden the knowledge of students and provide them with the sufficient practical skills they will need in their professional careers. We provide resources, a support system, and a positive environment to our members for them to utilize all their opportunities.

With great teamwork and active participation of our execom we have introduced 1 chapter and 1 affinity group under IEEE GTBIT SB, The CS chapter and WIE Affinity Group. WIE has started to empower and encourage women and give them a platform to express themselves along with the CS chapter which was started to give CSE and IT students a platform and create awareness for the fact, that IEEE not only for EEE students.

A GLIMPSE OF THE EDITORIAL BOARD

This is the half-yearly issue of the IEEE magazine. The collective efforts of the editorial coordinators, who contributed event pieces and helped with the magazine's design, made this publication possible.

The reader will go through a great experience about how IEEE benefits every individual's growth as a person and gives you an opportunity to express yourself in different domains which includes both technical and non-technical domains.

We shall all be persistent and committed to the success of the IEEE GTBIT SB because we all believe that working together makes the vision come true.

We would also like to offer our heartfelt gratitude to Mukesh Sahu sir.

"Talent wins games, but teamwork and intelligence win championships."

~ Anushka Janoti, Bhumika Rana, Diya Sehgal,
Sahib Preet Singh, Tanu Tomar

ABOUT IEEE

IEEE stands for Institute of Electrical and Electronics Engineers, It is an organization that aims to advance Technology for the betterment of Humanity. Since its Inception in 1863, the organization has remained true to its name and motto. It focuses on improving technical proficiency in a variety of fields, such as Electrical Systems, Electronics, Computer Science, Communication Systems, and others, amongst students and working professionals worldwide.



Promoting technical excellence for the betterment of mankind is our goal. IEEE GTBIT SB firmly believes in transforming our students into qualified engineers who engage together with colleagues all around the world to make significant contributions in technology.

APPOINTMENT OF THE EXECUTIVE COMMITTEE OFFICERS:



Working together towards a common vision and achieving it successfully is our commitment towards goals of IEEE. On 2nd March 2022, IEEE GTBIT SB proudly unveiled the new Execom for the tenure of 2022-2023, in the hopes of inspiring young minds and contributing to IEEE.

List of the Execom Volunteers (2022-2023)

NAME	POSITION ALLOTTED
IEEE Core Team	
Rohan Singh	Chairperson
Mohan Kaushik	Vice Chairperson
Nancy Kushwaha	General Secretary
Nitin Bhasin	Treasurer

EXECUTIVE COMMITTEE

Sahib Preet Singh

Editorial Lead

Diya Sehgal

Editorial Coordinator

Anushka Janoti

Editorial Coordinator

Japneet Singh

Webmaster Lead

Tanmaydeep Singh

Webmaster

Karan Mongia

Social Media Lead

**Kumar Atharva
Rustagi**

**Social Media
Coordinator**

Jasnil Kaur

**Social Media
Coordinator**

Dhruv Dewan

Video Editor

Janisha Sethi

**Event Management
Lead**

Jagjot Singh Chandel

**Event Management
Coordinator**

Binal Singh

**Event Management
Coordinator**

Harshit Singh Arora

**Event Management
Coordinator**

Amrit Singh Ittan

**Graphic Designing
Lead**

Rashi Arora

Graphic Designer

Jahnvi Wadhwa

Graphic Designer

Aman Yadav

**Membership
Development
Coordinator**

Zoraver Singh Viridi

**Membership
Development
Coordinator**

Kirat Singh

**Membership
Development
Coordinator**

WIE AFFINITY GROUP

Jyotika Israni

WIE Chairperson

Sneha Soniwal

WIE Vice
Chairperson

Mrigya Reineu

WIE General
Secretary

Bhavika

WIE Event
Management
Coordinator

Drishti

WIE Social Media
Coordinator

Uttkarsh Sharma

WIE Graphic
Designer

CS CHAPTER

Himika Prabhat

CS Chairperson

**Ikjyot Singh
Ahluwalia**

CS Vice Chairperson

Jaskirat Singh Mokha

CS General Secretary

Shreyansh Swami

**CS Event
Management
Coordinator**

Prabhleen kaur

**CS Social Media
Coordinator**

Suvansh Dureja

CS Graphic Designer

FSIG

Rohan Kumar Singh

Lead

Abjeet Singh

Co-Lead

Binal Singh

Co-Lead

Yash Pandey

Management Lead

Shreyansh Swami

Management Co-Lead

Tanu Tomar

Editorial Lead

Bhumika

Editorial Coordinator

Sahib Preet Singh

Editorial Coordinator

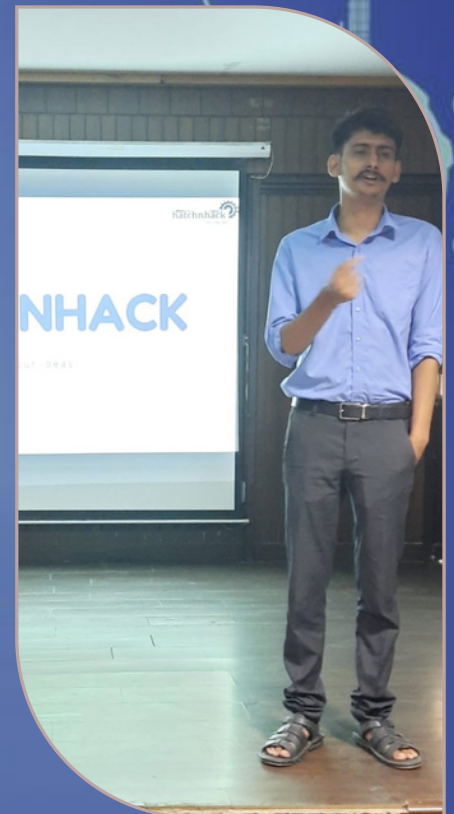
Dhruv Dewan

Webmaster Lead

Anushka Janoti	Webmaster Co-Lead
Harmeet Kaur Kapoor	Graphic Designing Lead
Prabhjot Singh	Graphic Designing Co-Lead
Jagjot Singh Chandel	R&D Lead
Shivam Nagpal	R&D Co-Lead
Sahil Aggarwal	R&D Co-Lead

IEEE DAY: A BLISSFUL CELEBRATION

Every year, IEEE Day is marked in order to promote student innovation, ideas, and advancement of technical knowledge. The students organized a technical/managerial event that attracted over 1500 persons from all across the Delhi Section.



A few of the events included programming contests, hardware and software project presentations, photography contests, treasure hunts, open mic nights, and DJ nights.

SOME OF THE EVENTS ARE AS PER FOLLOWS:

Lan Wars:

Participants showed off their extraordinary gaming skills to prove what it takes to win at Gammathlon. The event proved to be a huge success with participants from all over Delhi.



CodeEureka Reloaded:

A treasure hunt cum coding competition in which participants decrypt the code to find the correct answer and ultimately discover the treasure.

Eureka

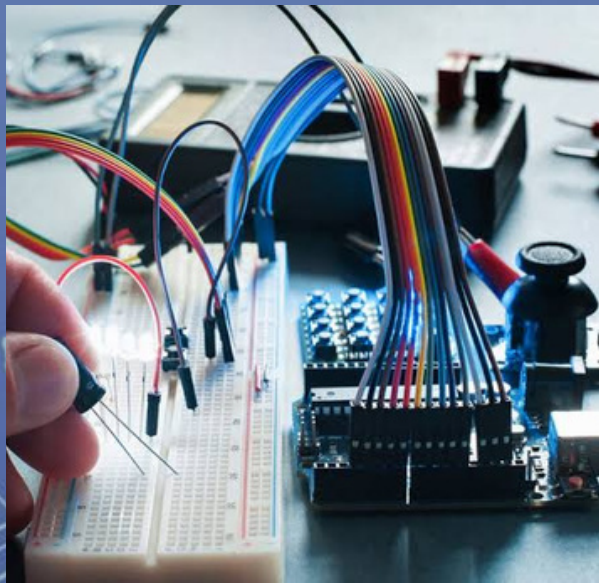
A feature-rich and highly customizable Hugo theme



DESIGNomics:

Participants showed off their extraordinary gaming skills to prove what it takes to win at Gammathlon. The event proved to be a huge success with participants from all over Delhi.

DESIGNOMICS



Low Volts Show:

It was an electronics cum hardware techshow. Participants brought their working hardware designs and presented it to win exciting cash prizes.

Code Cipher:

A competitive programming based competition, to code your brains out and shine amongst the crowd.

A	B	C
D	E	F
G	H	I

J	K	L
M	N	O
P	Q	R

	S	
T	X	U
	V	

	W	
X	Y	Z

Fast and Furious:

Participants showed off their extraordinary gaming skills to prove what it takes to win at Gammathlon. The event proved to be a huge success with participants from all over Delhi.



Perception:

Group discussion based competition, which provided a platform to the participants to enhance their speaking and thinking skills.

Picturesque:

A photography contest, in which participants captured the moment, and put life in it by using words to go with.



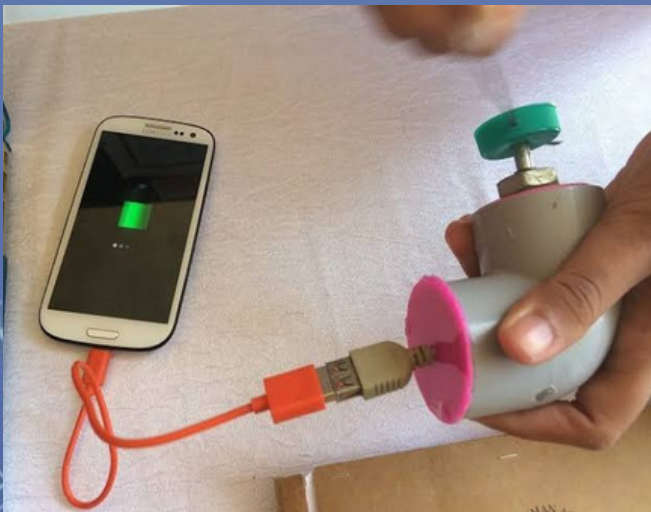
Technovation (Software Exhibition):

It provided a platform to participants to display their innovative projects that they have been working on to promote their ideas and skills. Participants came-up with a working software project and presented it to win exciting cash prizes.

TECHNOVATION

Project Exhibition:

It offered all makers and innovators an opportunity to present their hardware and software projects. The event started in parallel with the first event and there were thirty participants in total. The projects were judged by the professors and certificates were given to the team with the maximum score.



Game of Codes:

Two phases made up this competition; the first was an online quiz published on HackerEarth, and only a third of the teams advanced to the second stage, which involved questions about programs. Positions on the scoreboard were used to determine the winner.



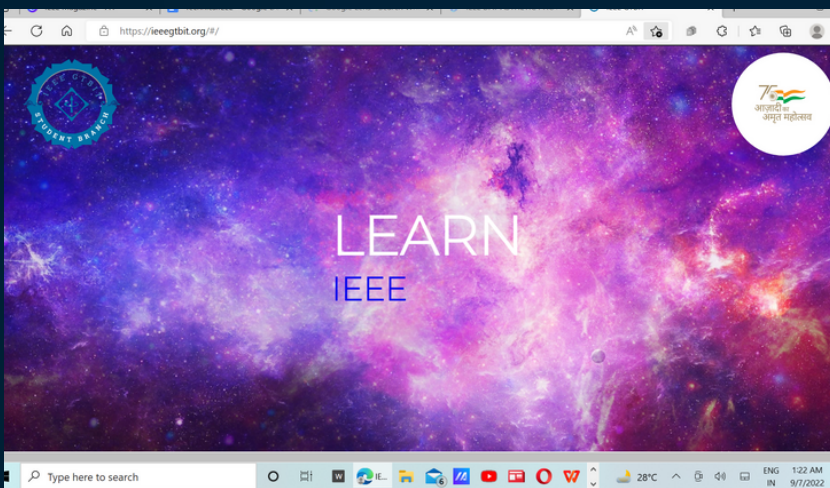
UNFURLING IEEE GTBIT WEBSITE

“Website without visitors is like a ship lost in the horizon.”

— Dr. Christopher Dayagdag

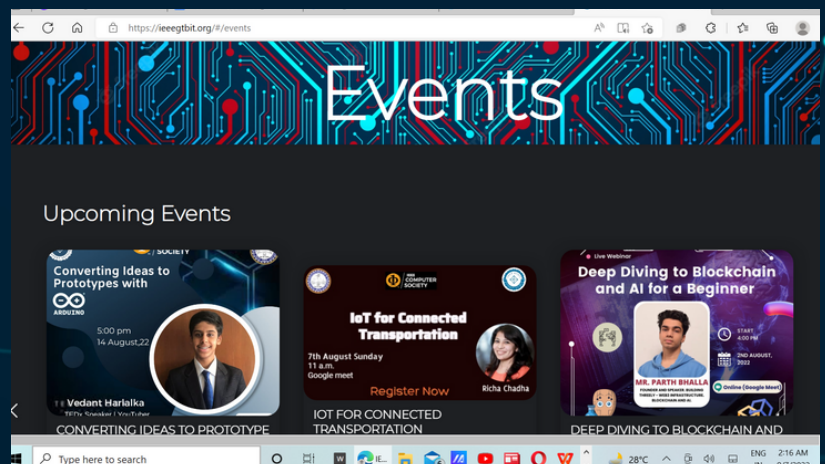
Date: 15 AUGUST 2022

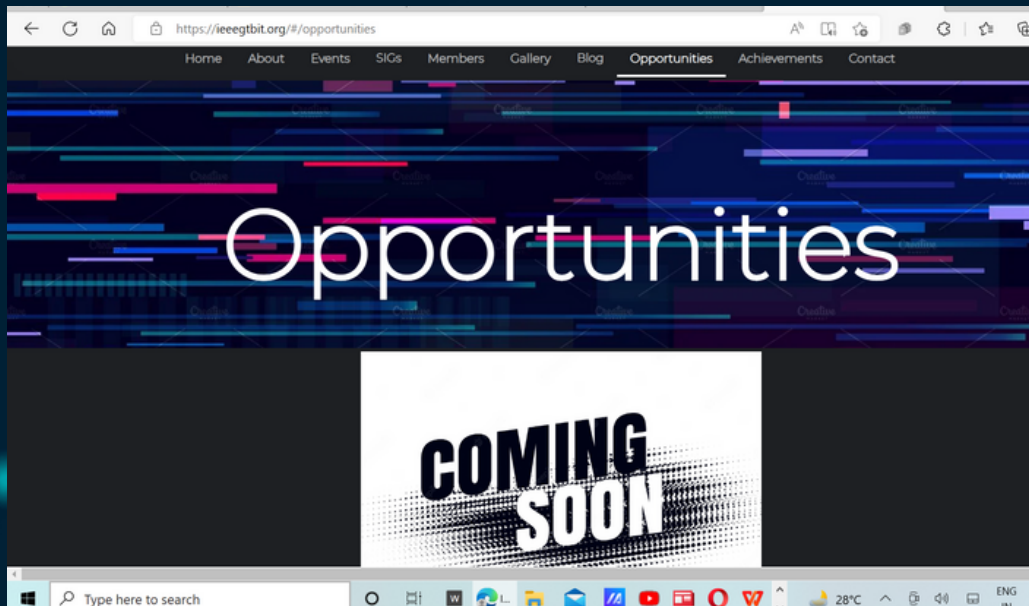
Time: 5:00 PM



IEEE launched the renewed and improved IEEE GTBIT SB's website on 15 Aug 2022. The new website is built to be faster than before, with modern UI/UX and enhanced security measures.

The purpose of the new website is to help the students know not only about the events conducted by IEEE but also give them access to a single platform that incorporates blogs with in-depth information on topics ranging from career options to the best college resources.

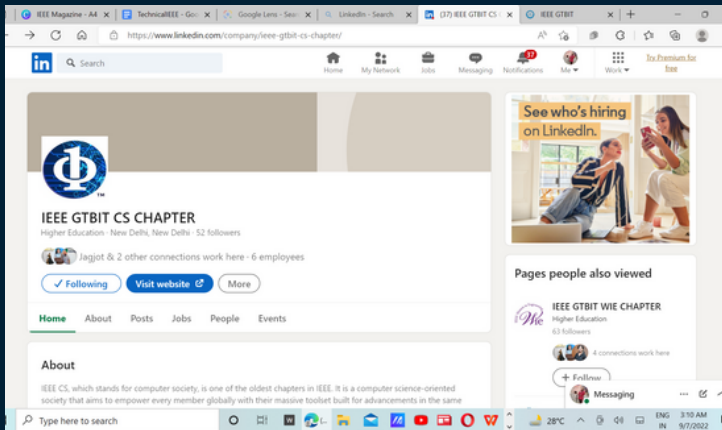




As soon as an opening for internships appears, the IEEE team will update the website's internship section, which is also accessible to students.

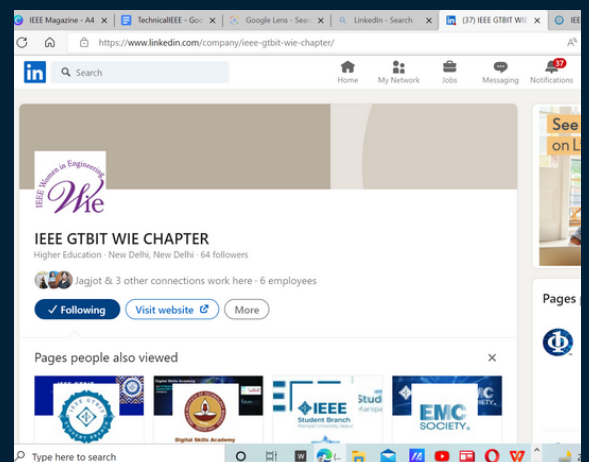
Hence, everything is available on the IEEE's new website, from the best resources to the recordings of the technical sessions. To view our website, scan the given code:

CS CHAPTER AND WIE GO SOCIAL



We have successfully created a presence on social media for the WIE and CS departments, which brings IEEE SB GTBIT immense pleasure. The benefits of owning a LinkedIn handle are numerous. We are much more productive and can reach a wider audience with the events and workshops we host.

We gain more recognition and contacts with well-known individuals. The level of participation has increased. The key justification for having an account was the active involvement of volunteers, as it provided a platform for interaction and membership in IEEE GTBIT.



We would like to thank our social media team for supporting and helping us throughout the launch and to make it a grand event.

Bringing FSIIG to life



Date: 7th July 2022

Time: 5:30 pm

Established by: Rohan Singh

AIM:

FSIG aims to educate students with financial knowledge and guide them to manage their expenses. Under the direction of Mr. Mukesh Sahu, Rohan Singh formed the Fintech society of IEEE GTBIT, also known as FSIG. It plans a wide range of events and seminars with well-known speakers to provide students a glimpse into the many facets of the Fintech industry. Students have the opportunity to start a wonderful journey toward learning Financial skills and terms.

This sub-interest group has more than 150 students as members. Students are informed about market trends, domestic and international concerns through weekly meetings. Every two weeks, timely sessions featuring various speakers are organized. Additionally, various intra-college and inter-college tournaments are to be conducted to increase student interest and assess their expertise.

THE WORLD OF QUANTUM COMPUTING

Based on the principles of quantum physics, quantum computing technology is a whole new method of transmitting and processing data



In comparison to the best supercomputers currently in use, quantum technologies promise exponential speedups, tap-proof secure communications, and ultra-precise and quick measurements commonly known as the 'quantum advantage'.

Large data sets can be processed considerably more quickly using quantum computing and hence, this new technology is few years away from powering development and widespread adoption.

IEEE IN GATES- MELANGE OF CREATIVITY & LEARNING



Maneuver

It was a two day electronics event. The aim was to express the thoughts in the form of a prototype and report which tend to give the experience of real life R&D in electronics by solving a real life problem and building a prototype. Its comprised of 2 rounds

a) Questionnaire : In this event , the fundamentals of electronics were tested .It consisted of 40 questions with a time limit of 30 minutes consisting of one word answers and MCQs.

b) Hack As Fast As You Can: Participants had to make a working prototype according to a given theme. Components were provided for this round.

CodeWarz

The war consisted of 3 rounds:

a) Quiz: 20 mind numbing questions to be tackled in 30 minutes.

b) Reverse Engineering + Bidding: Given an executable, obtain the source code. The challenge will be shown and participants had to bid on it to get their score doubled and to win the round.

c) GET. SET. CODE: Teams were split and all the selected teams had to double chances of winning by solving a question. Cash prizes and certificates were awarded to the winners.



IEEE IN GATES- MELANGE OF CREATIVITY & LEARNING



BAND CHASERS

The event goal was to have fun while LEARNING, SHARING and TEAMWORK. The LFR had

ROUND 1:-This round was based on a time trial system where participants had to speed up their robos to reach the destination at minimum time.

ROUND 2 :- This round was the most interesting and crazy one and had some crossovers.



IEEE IN GATES- MELANGE OF CREATIVITY & LEARNING



Hard code

This event consisted of a competition consisting of VHDL coding.

Electropedia

"Electropedia was a technical quiz organized for electronics lovers to come and compete with the best of the quizzing fraternity. The winners were awarded with the certificates.



Blitzkrieg.

This constituted the Robowars where the participants had to get their Bots ready for the competition.

IEEE has undoubtedly lived up to its reputation by consistently bringing the best tech and non-tech events to the gates every year.

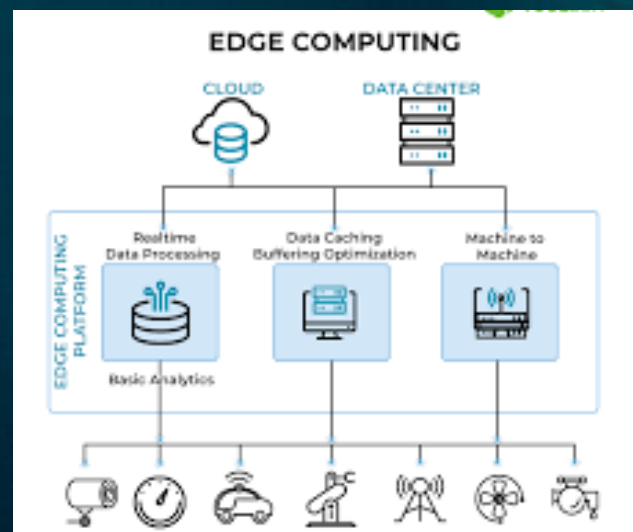
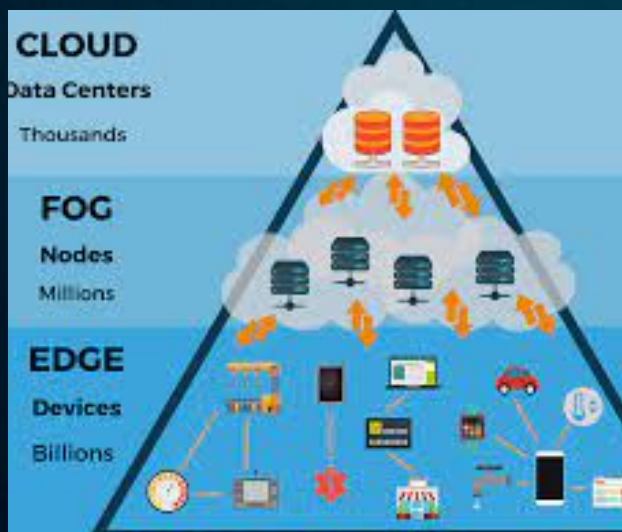


THE VARIOUS ADVANTAGES OF EDGE COMPUTING

The massive amounts of data that businesses collect and need to analyze are driving the steady increase in demand for edge computing devices. Instead of sending unprocessed data to centralized systems, it is a faster and more effective way to acquire insightful information.



Lower latency is provided by this decentralized data handling model, which is essential for real-time operations and it significantly contributes to enhanced cybersecurity. Therefore, Edge computing technology will be more widely adopted by the logistics industry, smart manufacturing companies, and healthcare organizations.



THE GLOBAL REACH OF IEEE

International sensors and measurement student contest

The IEEE Instrumentation and Measurement Society (IMS), IEEE Engineering in Medicine and Biology Society (EMBS), and IEEE Sensors Council (SC) supported and organized the IEEE International Contest of Sensors and Measurement Systems.

The task required students to create their application in the university labs and participate in one of the scheduled live demonstration sessions held in conjunction with conferences across the world on sensors, instrumentation, and measurement.



IEEEXtreme

The most prestigious programming competition sponsored by IEEE, IEEEXtreme, attracts thousands of students from around the globe for a 24-hour event.

All undergraduate and graduate university students with a current IEEE student membership were eligible to attend the event. Around the world, the tournament was broadcast virtually and concurrently. Competitors had to be supervised by a local IEEE professional member.

Autonomous drone racing competition

In the FUZZ IEEE Autonomous Drone Racing Competition, research teams tested the validity of their fuzzy logic controllers in a demanding environment—autonomous drone racing.

The objective of this challenge was to create a fuzzy controller for racing autonomous drones. The drone's job was to navigate the route using the gate positions and orientations. Each team had 60 seconds to pass through as many gates in a predetermined order. The victorious group bagged a student license for MATLAB.

ICIR

The IEEE Intelligent Reality competition sought to understand the opportunities and problems involved in introducing disruptive interactive technology and intelligent tools into realistic settings. "Towards a World of Intelligent Reality" was the theme for this year.

Developers were required to produce IR applications for immersive (VR/AR/MR/XR) environments that combined disruptive emerging technologies to offer an interactive and intelligent user experience. Keynote addresses, invited sessions, oral presentations of papers that had undergone peer review, poster presentations, and an application competition made up the virtual event.

FML based machine learning competition

The IEEE CS department organized the event, Human and Smart Machine Co-Learning on Real-World Applications.

The competition's objective was to improve the FML knowledge base and rule base using machine learning and evolutionary computation techniques. AIoT applications or real-world applications were the competition's focus. Using FML, the participants built prediction models for the AlphaGo Master Series winning rates.

IEEE Events

Where talent meets opportunity

The events held by the IEEE GTBIT Student Branch between January 1 and August 15, 2022, are all briefly mentioned below; a brief description, and attendees are only a few of the numerous variables covered in the report.

The activities were planned, handled, and carried out by a student Execom under the direction of Mr Mukesh Sahu, our branch counselor.

Some of our workshops are given below.



Converting Ideas to Prototypes with



5:00 pm
14 August,22



Vedant Harlalka
TEDx Speaker | YouTuber
Entrepreneur

REGISTER NOW

Date: 14/8/2022
Time: 5:00 p.m. to 6:00 p.m.
Speaker: Mr. Vedant Harlalka
Description: The ARDUINO user community, which creates single_board microcontrollers and microcontroller kits for the construction of digital devices, was the topic of the webinar.

✦ WORKSHOPS ✦

Date: 8/9/2022
Time: 4:30 p.m. to 6:00 p.m.
Speaker: Mr. Rohit Ghumare
Description: A set of practices that combines software development and IT operations while aiming to provide continuous delivery with high software quality was the topic of the webinar.

DevOps Session



About Me
 Founder of Keep Up and managing two communities for DevOps and DevRel. Extensively working on DevOps, MLOps and CloudOps technologies. Developer advocate at solo.io

Actively speaking at conferences and podcasts for personal branding and community awareness. 

The event will be held on:
 Thursday, 8 September, 2022
 4:30 p.m.
 Via Google Meeting

Rohit Ghumare

EVOLVING WITH WRITING & DIVING IN CONVERSATION

Riya Rajput

- Communicator in real life.
- Worked as an intern for Dainik Jagran.
- Open for conversation which has depth of human essence.
- Anchored college fest and national level sports tournament.
- A speaker since high school.

Date: 16th July, 2022
Time: 4:00 PM - 5:00 PM

Venue: Online(Google Meet)

Date: 16/7/2022
Time: 4:00 p.m. to 5:00 p.m.
Speaker: Ms. Riya Rajput
Description: Professional writer Ms. Riya Rajput was invited to share her knowledge on the range of content writing.

✦ WORKSHOPS ✦

Date: 9/7/2022
Time: 4:00 p.m. to 5:00 p.m.
Speaker: Mr. Kushal Vijay
Description: To effectively address the issue, IEEE GTBIT WIE AG invited Mr. Kushal Vijay, an influential speaker, to provide us with a deeper understanding of the subject.

MANAGING SOCIAL & PERSONAL LIFE TOGETHER

KUSHAL VIJAY

SOFTWARE ENGINEER @MICROSOFT |
 SWE INTERN MICROSOFT'20 | ACM
 ICPC'19 REGIONALIST | YOUTUBER
 (30K+ SUBS) | STACKGUARDIAN

9TH JULY, 2022

Platform: Online(Google meet)

Time: 4:00 PM - 5:00 PM

JOURNEY FROM A STUDENT TO A YOUNG PROFESSIONAL ON THE INTERNATIONAL STAGE- IN THE WORDS OF BISMANNJIT KAUR:



BISMANNJIT KAUR

Chairperson 2020-2022

It all started four years back in 2018. It was my first month in college when I came across IEEE. At that very moment, I had made up my mind to join IEEE and explore its opportunities. I always had the endless desire to do something for society and inspire the generation to innovate for a better tomorrow. IEEE is an excellent community as it allows us to learn and volunteer for a better cause on a single platform. I started my volunteering journey as a student volunteer in IEEE, untangling diverse opportunities along the way. I was also given a chance to be the WIE-Vicechair of my Student Branch and Chairperson of my branch for two successive years.

In a 4 year long journey, I was also given the opportunity to Mentor the WIE Delhi Section team and simultaneously was the WIE Coordinator for the student section network Delhi section. I was also a part of the core team of AISYWLC'20. I was recently felicitated by Dr. J. K. Pal memorial Award, Delhi Section. Experiences like this helped me develop a professional network around the globe and gave me a forum to showcase my skills and give my best to the team and community. I am very proud to be able to give my best to the community and inspire the youth to foster technological innovation and excellence for the benefit of humanity. IEEE is the world's leading resource for technological innovation and professional networking. It has helped me a lot in my professional growth.

JOURNEY FROM A STUDENT TO A YOUNG PROFESSIONAL ON THE INTERNATIONAL STAGE- IN THE WORDS OF BISMANNJIT KAUR:

Volunteering at a student branch level to a global level has given me the confidence, leadership, patience, perseverance, felicitation, street-smartness, and stress management to do anything. It has exposed me to a lot of talented people in various fields. I was honored to be given a chance to interact with leaders in my area of expertise. During my initial years in IEEE, I along with my team filled up for YESIST'12. It was a 3-round process. We had cleared the 1st round but were not very sure about the 2nd round that was taking us to finals (we were just in 2nd-year BTech). But, in the scorching summers of June-July, our phones pinged up with a mail congratulations-Selected for finals." It was a dream come true! Each new day was new Learning. It is rightly said: "Difficult roads often lead to beautiful destinations." It was new and a memorable experience altogether.

Other than IEEE, I have been a very active student in my college. I have actively participated in and hosted various drives to collect funds for the needy. I have been the master of ceremony for our annual college technical fest and in the core team of the same. In this, I was responsible for managing events, finances, sponsorships, and most importantly, the team. Apart from this, I was The captain of my college's basketball team. These activities have indeed helped me in my overall development.



Quizedia– The genius of guesses and quizzes

As a result of the pandemic, everyone's screen time has increased, and especially everyone has begun to use social media extensively. Considering this, IEEE's Social Media Team had launched an online quiz competition QUIZEDIA of various domains on Instagram using polls. The winners got the shout out of their photograph attached with their LinkedIn profile.

Online quizzes allow you to see performance based on several domains, are more engaging, and assist you in reinforcing knowledge. The information on the winners of various quizzes is as follows:

In the last 6 months, we are pleased to report that all the quizzes received enthusiastic participation from both inside and outside the college, and we congratulate all the winners.

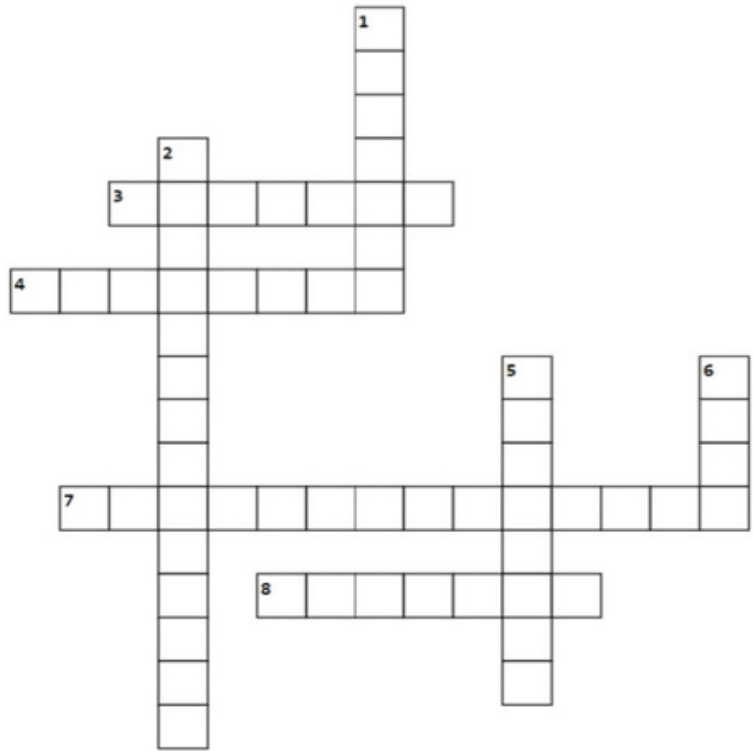
Take part in the QUIZEDIA to be featured in magazines and on Instagram stories.

Quizedia- The genius of guesses and quizzes



S. No.	DATE	TOPIC	WINNERS
1	14th March	Web Development	Jyotika Israni, Yash Sharma
2	21st march	Application Development	Zoraver Singh, Sahib Preet Singh
3	28th march	Python	Anshu, Yogit Ahuja
4	18th april	Java	Yogit Ahuja
5	25th april	Internet of Things	Pria Sharma
6	9th may	Arduino	Tanya Kaur
7	16th may	Stock Market	Sneha Soniwal, Tanmaydeep Singh
8	23rd may	Block Chain	Binal Singh
9	30th may	AR and VR	Sahib Preet Singh, Shreyansh Swami

IEEE GAME COLUMN



ACROSS

3. India's first multidimensional adventure sports expedition was carried out in which country?
4. National innovation week of India celebrated in which month ?
7. The 5g hackathon was recently launched by the Ministry of _____.
8. Competitive commission of India has ordered a probe for dominant position against which tech company.

DOWN

1. A popular hill station of Pakistan starts with M.
2. First Tribal President of India.
5. Which social media platform has created a new feature named "fleet" in India?
6. Which state received the certificate of "Har Ghar Jal" in India?

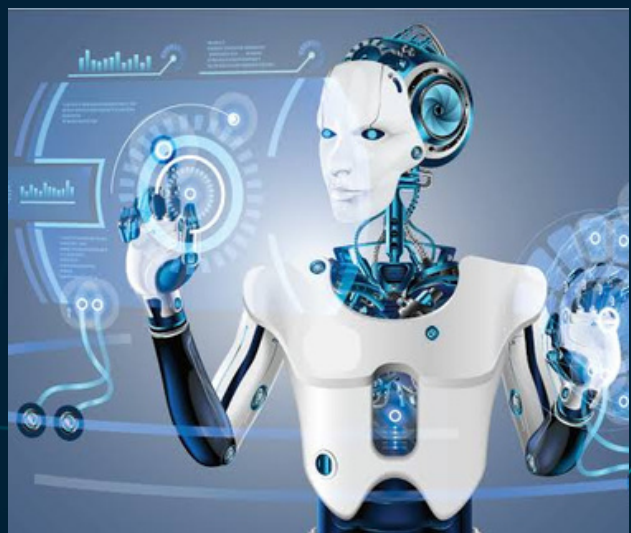
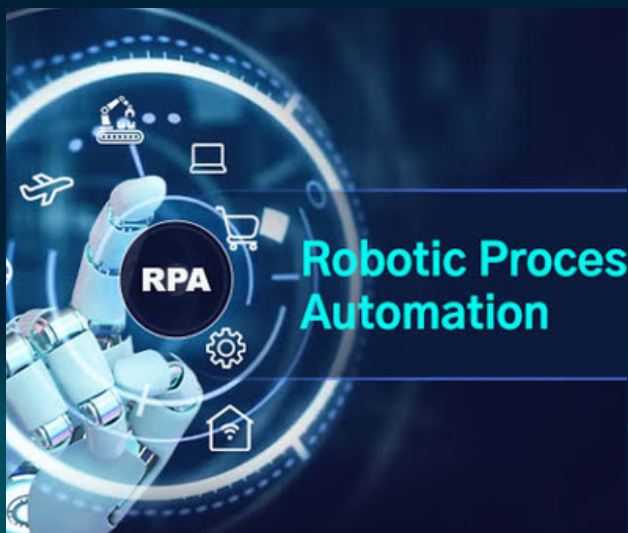
Ease of work with Robotic Process Automation (RPA)

Robotic process automation (RPA) is a type of automation in which bots are programmed to totally replace human activities. They use a screen-scraping technique to run on top of systems without the requirement for APIs.

Bots mimic human activities by recording them in the interface (typing data, moving the mouse, etc.) and then repeating them to complete the same tasks. Bots can classify unstructured data, understand it, and make decisions independently by utilizing AI and ML technology.



RPA is a superior technology that has gained popularity because of the advantages it offers and the impact it can have. However, the industry is anticipated to develop even further, and more innovative RPA solutions are predicted to emerge.



THE TRIUMPHS OF IEEE GTBIT

**"IDENTIFIED A PROBLEM
AND SOLVED IT"**

The list of IEEE GTBIT members who took part in college competitions organized by IEEE and secured various positions:



- Mr. Mukesh Sahu was felicitated with the Outstanding Branch Counselor Award in IEEE Delhi Section Award Ceremony 2022.
- Bismannjit Kaur was felicitated with JK Pal Award in IEEE Delhi Section Award ceremony, 2022.
- Bismannjit Kaur was felicitated with the IEEE Outstanding Student Volunteer Award in 2021.
- Gaurav Singh was felicitated with Outstanding WIE Student Volunteer award in IEEE Delhi Section Award ceremony, 2022.



- **Volunteer award in IEEE Delhi Section Award Ceremony, 2022**
- **Snehar Kaur Bajwa was felicitated with Outstanding student volunteer award in IEEE Delhi Section Award Ceremony, 2022.**
- **Nancy Kuhwaha came in at the 3rd place during the On Your Boots 2.0 organized by IEEE PIT SB.**
- **Sneha Soniwal secured the 3rd position in Impromptu picture competition organized by IEEE WIE AG, BBDITH.**
- **Rohan Singh secured the 3rd position in the Debate competition organized by IEEE MRU SB.**



- Mohan Kaushik, Sneha Soniwal, and Nancy Kushwaha secured the 3rd place at the Zeal for Real competition Organized by IEEE MUST SB.
- Himika Prabhat won the 3rd prize at the Debate competition organized by IEEE BBDNITM SB.
- Rohan Singh came in at the 3rd position during the Scribble
- Maestro competition organized by IEEE ADIT PELS SBC SB.
- Krishna Varshney is appointed as Video Editor Lead for IEEE India Council, 2022-23.



- Jaskirat Singh Mokha secured a position of a mentor at the Global Hackathon Hack NIT-P.
- Rohan Singh has been appointed as the IEEE Delhi SSN Editorial lead for the year 2022-23.
- Sahib Singh secured 1st position in Brainiac (Logical reasoning quiz) organized under IEEE RAS along with IEEE student branch chapter of St. Joseph's College of Engineering.
- Sneha Soniwal won the 1st position in Morph and Maneuver graphic designing competition organized by IEEE WIE-MSIT.
- Himika Prabhat, and Ikjyot Singh won the 1st prize at the Tech Kranti hackathon organized by IEEE MRU SB.

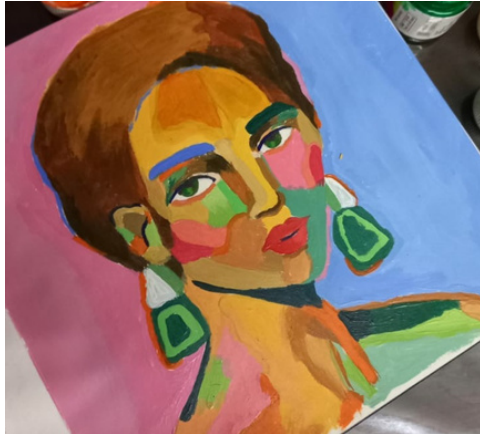


- Sahil Gehlawat was felicitated with JK Pal Award in IEEE Delhi Section Award ceremony, 2021.
- Jagjot Singh, Gagandeep Singh, and Abjeet Singh secured a global rank 666 and a country rank of 117 at IEEE Xtreme 15.0 held by IEEE.
- Ikjyot Singh, Hitanshu Kapoor, and Binal Singh secured a global rank of 357 and a country rank of 51 at IEEE Xtreme 15.0 held by IEEE.
- Nancy Kushwaha scored the 2nd position in the meme competition organized by IEEE-JIT
- Mohan Kaushik and Nancy Kushwaha won the 1st prize at Ideathon 1.0 held by IEEE PES SB.



- **Sahib Preet Singh, Bhumika Rana, and Anushka Janoti** came in at the 2nd position during the Think and Blink competition organized by IEEE Jamia SB.
- **Nancy Kushwaha** secured the 2nd place in the Quiz competition organized by IEEE JEC SB.
- **Ikjyot Singh, Binal Singh, Tarashdeep Singh and Balvinder Singh** secured the 2nd position at Crowdhacks organized by IEEE GTBIT SB.
- **Sneha Soniwal, Krishna Varshney, Janisha Sethi, and Sameer Sangwan** secured the 2nd place in the ideathon organized by IEEE Delhi section.
- **Sneha Soniwal, Drishti Gautum, Nancy Kushwaha, and Mrigya Reineu** secured the 3rd place at Ideathon 2.0 held by IEEE

CREATIVE CORNER



JASNIL KAUR

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