tcet
THAKUR COLLEGE OF
ENGINEERING & TECHNOLOGY

Estd. 2001

Even Semester
BULLETIN
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About IEEE-TCET Student Chapter

IEEE ("I triple E"), an international professional association created in 1963, is now the world's largest association of technical professionals with more than 420,000 members. The goal of "Advancing Technology for Humanity" sums up its mission and vision.

IEEE fosters technological Innovation and excellence for the benefit of humanity. IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

The IEEE Student Branch at Thakur college of engineering is a club on campus that is dedicated to providing students with resources to help them with their interests in engineering, projects or otherwise. We as a club like to promote a community for the students as well as academic excellence. We devote our time to giving all students a hands-on opportunity to learn and an opportunity to connect with industry.

IEEE-TCET Student Branch
IEEE TCET
Student Branch code : 41490581
www.ieee-tcet.net

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STUDENT BRANCH COUNSELLOR

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IEEE CORE 2022

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SPONSORSHIP HEAD

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JOINT SECRETARY

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SOCIAL MEDIA MANAGER

Educational Excursion

Introduction

The Educational Excursion was organized to help students of E&TC in developing as competent professionals with a sense of responsibility and social sensitivity. This visit helped in imparting professional education using active learning techniques to transform the students to be competent and committed engineers meeting the demands of the present as well as the future.

Participants

TE and BE students of E&TC

IEEE Core Team at 'Me Pure' industry

Students at Nainital Zoo

Outcome

1) From this educational excursion the students acquired a better understanding of friendship and fraternity, as the students were made to live together throughout the trip.

2) Practical Knowledge of Students increased as they saw the exact condition of the place where they are also supposed to live.

3)The excursion overall provided a common platform for interaction of Students with industry experts provided fruitful interactions, and inputs were provided by the Company person regarding insight into the industrial world.

Webinar on Data Analytics

Introduction

IEEE-TCET organized a technical Webinar on 'Data Analytics' to acquaint the students with valuable insights over Data Analysis- The Future of Info-Tech Business and providing them the upper hand over their profuse role of importance today and in the coming future.

Participants

SE, T.E and B.E students of TCET(130+ students in all)

About

- The whole world has started leaning and engaging towards various Gravitating Domains which are all an intersection between Info, Tech and Stats with Business, and one such domain getting the grip across the world is 'Data Analytics'.

- So to Brief the students about the types of data existing, what exactly data analysis is, what is the workflow of a data analytics, the different types of data analytics, A webinar was scheduled by IEEE-TCET to enlighten over each and every talk of the current ongoing in the data sector.

- The keynote speaker for this informative session was Ms. Deeksha Anand.

Outcome

1)The webinar resulted in an extensive comprehension on the theme and over the escalation in demand of such job roles in Data Analysis.

2) The webinar indeed created and developed the engrossment amongst the attendees which succeeded in providing a guidance of path designing so as to have an outreach over the recent ongoing demands,business- stats and Info-Tech instances.
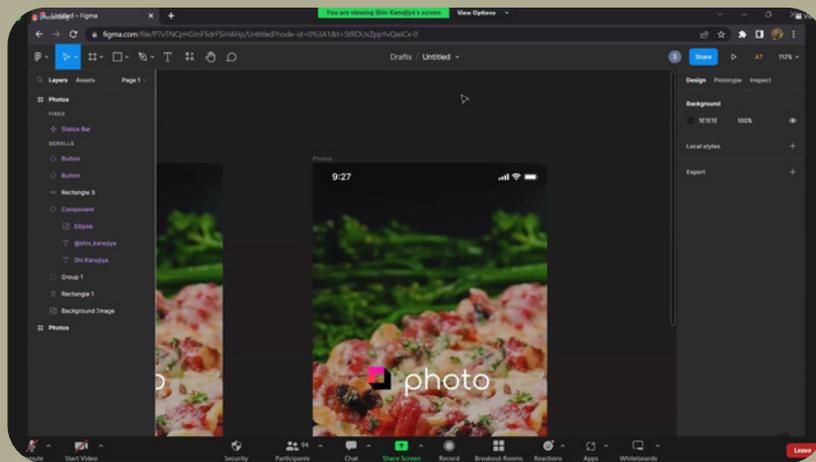
Workshop on Figma

Introduction

IEEE Student Branch of Thakur College of Engineering and Technology organized a Workshop on Figma event on the 10th of February, 2023. The main aim was to make students familiar with more knowledge about Figma application and its future scope.

Participants

Second, Third, and Final Year students of the college.
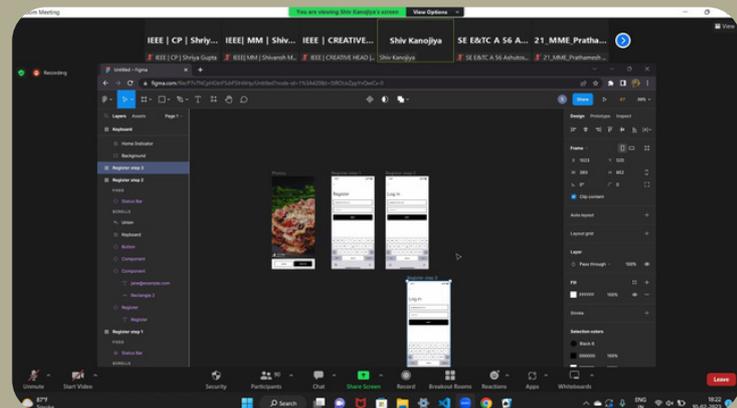**(70+ students in all)**

About

● UI/UX being a daily necessity in each and every field from designing a button, to toggles, icons and other visual element.
● Various applications can be used to create such effects out of all Figma is widely used.
● Thus IEEE decided to arrange a workshop on the same.
● The keynote speaker for this informative session was Mr. Shiv Kanojiya.

Outcome

1)The workshop gave an overview on the various tools used in this application.For example the Pen Tool. The Pen tool is used to trace an image or draw in Figma.
2) The workshop surely grasped the students attention and helped them in designing such amazing visuals for their upcoming projects.
3) Apart from project implementation, the students knowledge regarding the this easy and important application has also boosted.
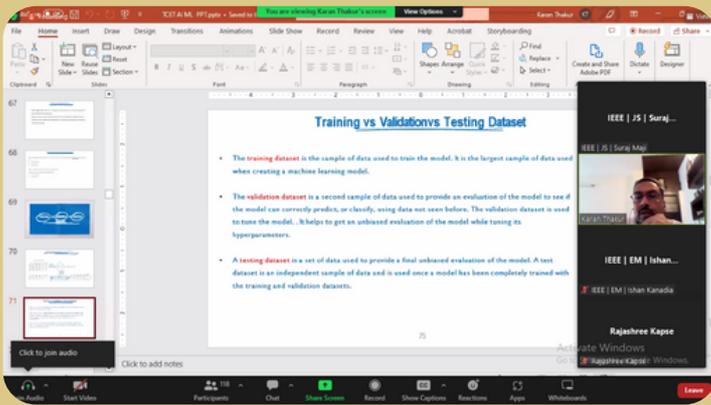
AIML-AZURE Workshop- Multicon

20th - 24th February, 2023

Introduction

IEEE-TCET hosted a Technical Workshop Week under ICCCDS Professional Workshop Multicon-W 2023 known as 'Artificial Intelligence and Machine Learning with Azure(codeless)' to orient and provide the students an opportunity to grab knowledge over Microsoft-Azure Workspace, its significance in AI, ML, Data Science and an engrossing hands-on experience with its environment.
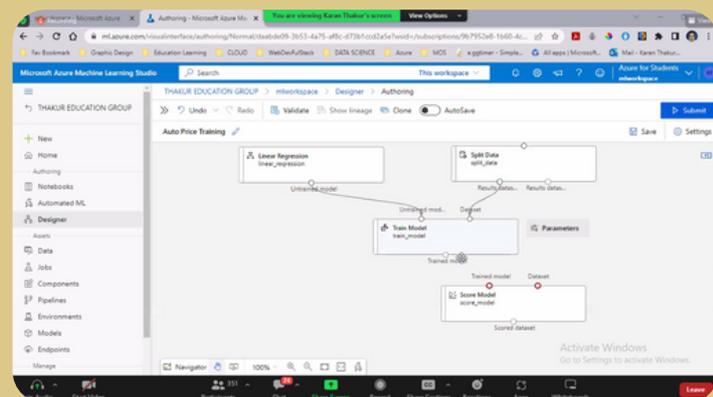

Outcome

1) The 5 days workshop resulted in quality understanding and a fundamental layering of Artificial Intelligence Workloads & Azure Machine Learning Fundamentals with a variety of features amongst students to pursue a career as an AI engineer, Data Scientist and allied job roles.

2)The workshop assisted the students to acquire certification on the course and thereby procuring the demanding skill sets.

Participants

SE, T.E and B.Voc students of TCET(400+ students in all)

About

- Artificial Intelligence and Machine Learning with Azure (codeless), as the name proposes, it is an AI-ML environmental working in an Azure workspace through codeless means.
- So with a view of developing a knowledgeable insight and significant impact within the students, a 5 days long workshop on the theme was organized to drive the students more into practical acquaintance and thereby acquiring the Industry ready skills with a valuable certification.
- The mentoring throughout each and every session on all 5 days was done by Mr. Karan Thakur

Webinar on Introduction to Flutter

Introduction

IEEE Student Branch of Thakur College of Engineering and Technology organized a fascinating webinar on Introduction to Flutter event on the 31st of March, 2023. The objective was to make students acquainted with knowledge about Introduction to Flutter, the evolution and its future scope.

Participants

Second, Third, and Final Year students of the college.

About

● Flutter is a profound Software Development Kit (SDK) which is an open source, single codebase, widget based architecture kit which helps in designing visually appealing apps.

●It is a UI toolkit for crafting beautiful, natively compiled applications for mobile, web, and desktop from a single codebase.

●It enables developers to write code that works on different platforms. Two different applications can use the same codebase. In addition to sharing the UI code, the UI itself is also shareable. This makes maintenance of the single codebase much easier as opposed to different codes for different platforms.

●The keynote speaker for this webinar was Mr. Aditya Thakur.

Outcome

1)This webinar enlightened the students about the different features of Flutter and how it helps to make applications quicker than the traditional method.

2)After the webinar, the attendees must have gained great insights about the working of Flutter and also understood the benefits of learning to use Flutter.

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Webinar on Metastructure based Antenna Design

Introduction

IIEEE-TCET organized a webinar on Metastructure based Antenna on the 24th of March, 2023. The motive was to make students familiar with more knowledge about the upcoming future trends.

Participants

S.E, T.E & B.E students of TCET

About

● The world's interest in gaining a grip on various levitating sectors is accelerating tremendously towards numerous evolving Innovative Technologies and "Metastructure Based Antenna Design Technology", is the one such which is headlining all over.

● Metasurface-based antennas are not only able to achieve high efficiency with a low profile but they are also able to generate extra resonances from the metasurface structures, which significantly enhances the overall performance of the antennas.

● The keynote speaker for this interesting and informative session was Dr. Ashwini Kotrashetti.

Outcome

1) This webinar conducted by IEEE-TCET was surely able to develop a concrete base for the students who are willing to work in this field in the future.

2) The webinar successfully encouraged the students to engage and learn in depth about the metastructure based antenna design.

Educational Activities Workshop

Introduction

A National Level Event in commemoration of the 'IEEE Education Week Celebration 2023' known as 'IEEE Educational Activities(EA) Workshop' was hosted by IEEE Bombay Section in collaboration with IEEE-TCET.

Participants

F.E, S.E, T.E, B.E students, respected Faculty In-charges of TCET
+ Students & Faculties from other esteemed Institutes.

About

- IEEE EA workshop is generally an educational activities workshop conducted by IEEE Educational Activities Committee (EAC). The main maxim of this workshop is to bridge the gap between the Student Branches and available resources from IEEE Education Activities Board.
- To guide through this splendor perception of knowledge enhancement, the workshop was designed for the students in such a manner that it drove them with an overview of the IEEE activities, the pillars of EA the different types of resources categorized under IEEE and related educational-technical events along with valuable insights of the guest speakers.
- The Chief Guests were Dr. Satyanarayana Bheesette , Mr. Anand Gharpure, Dr. Lochan Jolly along with Mr. Ramneek Kalra as the keynote speaker for the event.

Outcome

1) The workshop succeeded in developing a fundamental understanding of the IEEE organization, the framework, its upholding pillars and resulted in an extensive comprehension of the IEEE EA Resources and Tools.
2) The attendees got acquainted and encouraged towards the valuable feed on privileged opportunities coming forth under IEEE EA section.

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NIKHIL ROY
IEEE TCET Student Member

TESETIMONIALS

As a member of the IEEE committee in TCET, I have had the opportunity to participate in various events, including Zephyr and research paper writing. Through these events, I have gained valuable experience in technical writing and communication, as well as in organizing and executing successful events.

Being part of the IEEE community has also allowed me to connect with like-minded individuals who share my passion for technology and innovation. This has given me the opportunity to learn from others, collaborate on projects, and build professional networks that can benefit me in the future.

Overall, being a member of the IEEE committee has been a great experience for me. I have gained knowledge, skills, and connections that will serve me well as I pursue my academic and professional goals. I believe that my involvement with IEEE reflects my dedication to this field and my commitment to excellence, and I have no doubt that I will continue to excel as a member of this prestigious organization.

GOURAV SINGH
IEEE TCET Student Member

I had heard about the IEEE committee from seniors since the beginning of my second year, but it wasn't until I was introduced to it through orientation by seniors that I realized I wanted to be a part of it. I wanted to be a part of the committee not only for activities, but also for the seminars they hold, the non-technical events they hold, the best seniors, and the experience. As a member of the working committee, I enjoy being a part of it. As a member of this team, I learned how to manage an event and how seniors handle both academics and committees. As a member of this committee, I have access to the best seniors who assist, motivate, and teach us.

The thing I've learned from the team is how they encourage every member and during the ZEPHYR event how they have worked hard to make that event a great successful event. Zephyr it was the 1st event in which I was part of a working committee. I was very much excited to learn something new and experience something new. It was 2-day event and I was appointed to the technical team I have to keep watch on valorant game. Not only valorant but also helped in various other games or mini events such as AWS, giant tic tac toe, laser tag, Shark tank, etc. The experience was best interacting with many people and coming to know how to work in big committees and how to gain knowledge from it. The core committee was very much help they gave equal opportunity to everyone and guided us on how to work and execute the given task in the right way. I enjoyed a lot with all the committee members but also with T.E. heads of respective domains.

Being a part of IEEE was a roller coaster for me how I used to be in 1st year and how I am now. I'm glad to be on this committee and the memories we created will be cherished forever. This committee may keep growing and shining.

Tiger Lily

NIDHI RAI

IEEE TCET Student Member

TESETIMONIALS

IEEE has always been more than just a committee . From technical events to technical seminars IEEE has always helped us in exploring new fields . After being a part of IEEE i have learnt soo many new things like exploring new fields with the help of seminars conducted by ieee . Zephyr was completely the new experience in the journey of engineering which gave a lot of good memory along with some amazing learning on how much effort a committee takes to conduct an event . Zephyr gave a complete new exploration to all the participants as well the working committee members . From games to different workshops everything was fun and new thing for everyone . Webinars like UI/UX Design , Metaverse and beyond , wearable antennas , startup ecosystem etc has helped all the students to get knowledge about new domains . Every webinars has helped us to know about something new . IEEE encourages professional learning through its international conferences , workshops etc .All the workshops and webinars helps students to find new areas of interest and work on it which also builds their confidence . The conferences gives the knowledge about new researches and how the papers are being presented and how the research papers are written on different topics which helps us to know about the latest topics on which the students are working and it gives you a complete new knowledge. All the events conducted by IEEE has always been fun and full of new learning

RUTU SHAH
IEEE TCET TREASURER

My heartfelt gratitude and appreciation for my experience as a Treasurer with the IEEE-TCET community. The past 1 year tenure has been nothing short of exceptional, and I have gained a great deal of knowledge and experience in this role.

I am extremely grateful for the opportunity that was presented to me, and I am thankful for the support and encouragement that I received from my core team and the facultymembers. Working as a student core team member has allowed me to develop my skills in management and buildingwork ethic , which will undoubtedly serve me well in my future endeavors.

The IEEE-TCET committee has been a wonderful place for me to grow both personally and as a student. The core team members are passionate, talented, and dedicated to their work, which has been a great inspiration to me. I have learned so much from my interactions with them, and I am truly grateful for the opportunity to work alongside such amazing people.

I am highly obliged towards the IEEE-TCET committee as It is an excellent platform to develop your skills and knowledge, and it offers many opportunities for personal and professional growth. If you are looking for a supportive and nurturing environment where you can excel and thrive, then IEEE-TCET is the right place for you.

In conclusion, I would like to express my sincere thanks and appreciation to the IEEE-TCET committee for the wonderful experience that I have had as a Treasurer. It has been a privilege to work with such an amazing group of people and experience various versatile events that have been conducted throughout the year. I am truly grateful for the opportunity that was given to me.

PRADNYA SABANNAVAR

IEEE TCET Student Member

I have been a member of many committees since the beginning of my second year, and one day our seniors came and introduced us to IEEE. And one day there was a form for the core selection, even though I was not chosen, but IEEE just gave me a second chance and circulated the form of the ZEPHYR working committee. And by chance, I was chosen for the in-house team. Unlike other committees, IEEE holds technical and non-technical seminars. Technical seminars on UI/UX design, Wearable Antennas, Flutter, and other topics. In non-technical terms, ZEPHYR is the most notable example, where IEEE's flagship game LASER TAG was held, among many other interesting games.

Also, the seniors on this committee were so friendly that it didn't take long to get to know them. The core team is always concerned with the success of each and every event. Working with the core team and seniors taught us a lot that we can pass on to our juniors. As a member of the working committee, I am grateful to this committee for providing such informative sessions, activities, and so on. May this committee succeed at every turn and continue to grow. I'm hoping to be on this committee next year!

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