I.E.I (Institution of Engineers of India)
BPDC Student Chapter
Activities 2023-24

Engineers day

Date: Friday, 15th September, 2023

The 'IEI BPDC Student Chapter' celebrated Engineer's Day by hosting an interdisciplinary quiz event. The event showcased the creativity of discipline heads who designed impressive decorations in a short time. Using the online quizzing platform "quizzes," the event attracted over 120 participants in just a few hours, demonstrating the enthusiasm of fellow students.
Two sets of equally challenging questions were prepared, and winners were determined by the speed and accuracy of their responses. The first and second place winners received prizes of AED 50 and 25, respectively. It was a remarkable celebration of engineering on this special day.

The first prize was bagged by Ahmad Bind Firdous (2022A7PS0102U), second place by Stellin John (2022A7PS0003U) and the third place by Ved Uplenchwar (2021A7PS0285U).

1st Prize

2nd Prize

3rd prize

Amit Ranjan - Meet & Greet

Date: Monday, 25th September, 2023

The event was hosted by Skyline in association with Institution of Engineers India, BPDC chapter. The guest speaker was Mr. Amit Ranjan, General Manager of Encardio Rite LLC. He delivered a captivating 40-minute talk on Structural Health Monitoring. He primarily discussed his company, providing valuable insights into its operations and expertise in the field of Structural Health Monitoring.

He highlighted the extensive use of their sensors in prominent structures worldwide, including the renowned Burj Khalifa and One Za'abeel Tower, which holds the longest cantilever in the world.

Attendees had the privilege of witnessing a live demonstration of the cutting-edge sensors and handheld equipment employed by the company.The talk concluded with an enthusiastic Q&A session, where students showed great interest in understanding the intricacies of sensor functionality.

Apple Talk

Date: Saturday, 14th October, 2023

This event was hosted by 'Institution of Engineers India' (I.E.I). Guest for this online podcast session was Mr. Apurve Dave, a Software Engineer working in Apple. He holds a B.Tech & M.Tech in Electrical Engineering from IIT BHU.

He shared his journey from being an electrical engineering student to a software engineer at Apple. He gave industry insights, and tips to aspiring engineers. This was a unique opportunity for young students to learn from someone experienced in the field of software development. The students were given an opportunity to ask questions to Mr. Dave about the same. We had a total of 31 students who attended this session. The podcast session was well anchored and carried out by Rishabh Somani (Vice-President of IEI).

Introduction to Python

Date: Wednesday, 18ᵗʰ October, 2023

On 18ᵗʰ October, the Institution of Engineers India (IEI), hosted a one-day workshop on "Introduction to Python Programming." The workshop was organized in the computer lab from 12 to 2 pm. The session was led by Diya Sharma (Computer Science Co-head). We aimed at providing participants with a foundational understanding of Python and its application in the world of engineering and technology. Participants gained a fundamental understanding of Python programming, making it accessible to both beginners and those looking to expand their

programming knowledge. The hands-on exercises allowed attendees to practice writing Python code, fostering confidence in their programming skills. "How to Code" using Google colaboratory was also taught in the workshop. There was an active participation of 15 students from first & second years.
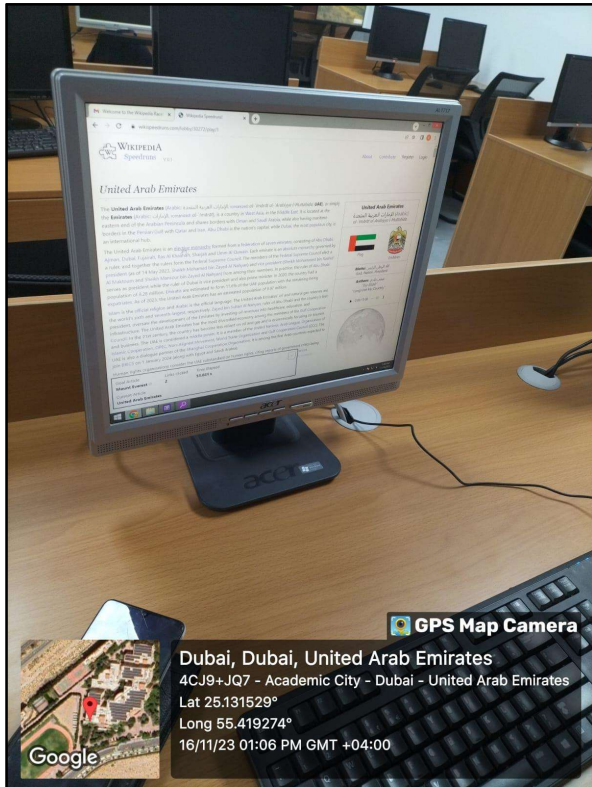

Wikipedia Race

Date: Thursday, 16th November, 2023

IEI hosted an interesting event known as the "Wikipedia Race." This event was held in Room no. 333 between 12 noon & 2:45 pm. The council members had chosen various prompts from diverse fields. Juwaria Qadri (2020A7PS0043U), CS head of IEI had organized this event.There were many enthusiastic participants at the event venue to test their analytical skills and speed. Each participant was given a starting point on Wikipedia and a destination page. The challenge was to navigate through hyperlinks, relying on their research and analytical skills, to reach the destination page with

accuracy and speed. The criteria for deciding the winners was based on the number of links they click to navigate to reach the destination page.

Adithya Sunoj (2022A7PS0077U), Vennela Vallabhaneni (2022A7PS0233U), & Chris Mary Benson (2020A7PS0027U) were the first, second and third place winners. Cash prize of 25 dhs was given to the first place winner.

ROS Workshop

Date: Thursday, 30th November, 2023

The Mechanical department of BITS Pilani Dubai and IEI together hosted a workshop on Robot Operating System (ROS) in the EG lab during 8th & 9th hours. The main aim of the workshop was to provide the participants with hands-on experience and insights into the fundamentals and applications of ROS. The event also aimed to empower participants with the skills necessary for developing and controlling robots using this widely used robotic middleware. The workshop was conducted by Dr. Ram Karthikeyan and Mrs. Sheeba Uruj. The workshop was well coordinated by Cyril Binoy (2020A7PS0044U), Mechanical head of IEI.

Soap Making Session

Date: 14th February, 2024
Day: Wednesday

In celebration of Valentine's Day, we (Institution of Engineers in India (I.E.I)) organized a special soap making event. Participants crafted flower shaped soaps, infused with delightful scents and vibrant colors, making them perfect gifts for their dear ones. There was a significant increase in the number of participants for this event. Our aim was to give our audience hands-on experience crafting their own personalized soaps, and we

were successful in doing that. The soaps were sold at 15 dhs for a pair and 10 dhs Individual.

BlockChain Workshop (Part 1)

Date: 28th February, 2024
Day: Wednesday

Institution of Engineers in India (I.E.I) has introduced a small series on 'Blockchain'. The first session was held on 28th February, 2024 by Institution of Engineers (I.E.I). The session covered introduction to the fundamentals of blockchain technology. The workshop aimed to demystify blockchain principles and how to operate on your own Metamask wallets. Apart from this, the workshop also covered basics about 'Solidity'. Diya Sharma (CS Co-Head) was the speaker for this session.
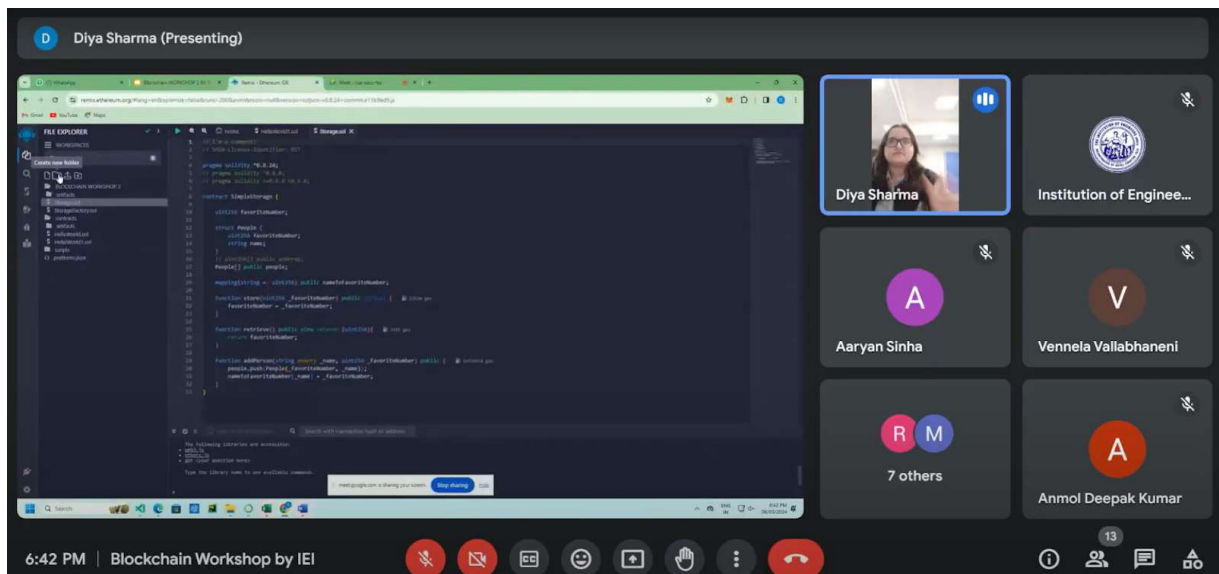
BlockChain Workshop (Part 2)

Date: 6th March, 2024
Day: Wednesday

Institution of Engineers in India (I.E.I) had introduced a small series on 'Blockchain'. The first session was held on 28th February, 2024 by

Institution of Engineers (I.E.I). The second part of this session was held on 6th March. The workshop covered Oracle problems, Coding Solidity transactions, aggregator v3 interface and a few more. Diya Sharma (CS Co-Head) was the speaker for this session.

Talk by Industry Experts

Date: 12th March, 2024
Day: Tuesday

'Navigating Career Success' is an initiative by Institution of Engineers in India (I.E.I) where industry experts are invited to share their experiences and thoughts that will guide students in their career preparation journey. Our speaker for the day was Kirti Garg, BITS Pilani alumna and also former IEI BPDC's president. She is currently working as a Software Developer II in Esri. She discussed 'Interview Techniques and Corporate Advancement.'

[Coding Warfare](#)

Date: 29th April, 2024
Day: Monday

The Institution of Engineers in India (I.E.I.), in collaboration with the Association of Computing Machinery (ACM), proudly hosted its flagship event, "Coding Warfare," on April 29th in Room 333. This high-stakes competition featured a series of challenging coding problems designed to test participants' problem-solving skills and programming prowess. With a

time-bound format reminiscent of a digital battlefield, participants faced off against one another, navigating intricate coding challenges that demanded quick thinking and flawless execution. This thrilling event brought together aspiring coders and seasoned programmers alike, fostering an engaging atmosphere of innovation, strategy, and competitive spirit.

Dubai, Dubai, United Arab Emirates
4CJ9+JQ7 - Academic City - Dubai - United Arab Emirates
Lat 25.131513°
Long 55.419336°
29/04/24 01:00 PM GMT +04:00

Enginuity- Crack the Password

Date: 6th May, 2024
Day: Monday

The Institution of Engineers in India (I.E.I.) participated Enginuity of BITS Tech Fest by organizing a game for college students. The name of the game is 'The password game' which was planned and designed by Juwaria Qadri (CS Head) of IEI- BPDC Chapter. Participants were given a set of clues to guess the password. The one with the shortest time to crack the password was declared as the winner.

The winner of this competition was Mohamed Fawaz Ariff (2020A7PS0059U) from BPDC.

Technofest- Lost In The Wilderness

Date: 8th May, 2024
Day: Wednesday

The Institution of Engineers in India (I.E.I.) participated Technofest of BITS Tech Fest by organizing a riddle based quiz game named 'Lost in the Wilderness' where each participant was give a situation and had to choose the most appropriate solution to escape from that situation. This was one of the top games with the maximum number of registrations in techno-fest. Ipshita Kaushik and Elvita Paulose of GEMS Our Own English High School, Dubai were the winner and runner-up of this competition respectively.