

# Insights Club Newsletter

*Surrounded by Data, Starved for Insights!*

## Freshers' Welcome: 2022

The **12th of September** was an insightful day, particularly for the freshman batch of 2022. As the new students headed into unfamiliar territory, VIT Bhopal was there to guide them on their journey with an Orientation.

Here the freshmen were given an insight into the world of VIT Bhopal. The freshers were familiarised with the journey ahead of them for the first year. They were acquainted with the rules and regulations and were made aware of the semesters, various course functions, and overall academics at VIT Bhopal. The students were briefed about the magnificent events the university had in store for them.

As it spanned a week, the students got well-versed in all aspects of VIT Bhopal. Ethnic diversity, international relations, student welfare activities, and proctor-proctee interactions were the primary aspects that the students explored.

Once apprised of the crucial information, VIT Bhopal conducted an induction program to equip the students with modern and salient software knowledge, such as **MATLAB** and **Simulink**. A lecture on digital literacy followed, along with a test to ensure the students were erudite about the modern and ever-accelerating technologies.



The FFCS, Fully Flexible Credit System, was also introduced to the students to acquaint them with the registration procedure. University organized a mock registration on the **17th of October** to allow students to experience the process and also gave a branch-specific introduction to topics.

An enthralling sports tournament was organized to greet the students on campus. University organized a badminton tournament from the **5th** to the **7th of December**. It had five categories - women's singles, men's singles, women's doubles, men's doubles, and mixed doubles. The divisions were as follows; students from the CSE branch with specializations, from CSE Core, from branches except for CSE, and the Integrated M. Tech batch. A team had to win three of five categories to be declared the ultimate winner.

The specialization and the non-CSE branches were thefinalists. Here, the non-CSE players triumphed.

The university also held a few sports competitions in November and the initial days of December. **A battle of wits** - an inter-branch chess competition was held, followed by a downpour of dunks and a basketball competition. It was tailed by **cricket**, **volleyball**, and **football** match. Exhibition matches between the seniors' and the freshers' teams were the cherry on the cake for the audience. Throughout their initial days, right from the orientation, the students have learned a valuable fact. No matter where they are, the students of VIT Bhopal will always have a distinct identity, the identity of a proud VITian. For whenever the lion roars, it is always the VITian Pride.

## Freshers Orientation: A Timeline



Every year, **VIT Bhopal** welcomes a new class of students in grand style. Since its establishment in **2017**, VIT Bhopal has welcomed its flag bearers warmly.

The 2017 class was the first batch of students, with **180 students** exposed to orientation programmes at VIT Bhopal. It gave them a one-of-a-kind experience and helped them become acquainted with the university and its surroundings. Because they were the first batch at this distinguished institute, they had an opulent fortune to begin their fortunate journey on this path of excellence.

The 2018 class had a similar experience, as they arrived with the support of their teachers and their seniors, who were eager to guide them.

With an expected budget of **10.30 Cr.**, **61 students** from various regions in Madhya Pradesh were admitted to the institution in 2019. **STARS** got launched during the Orientation Program's Inauguration Ceremony as part of the birthday celebration of the honoured Founder and Chancellor, **Dr. G. Viswanathan**. The principal visitors on this occasion were **Shri Ajay Gupta**, Collector, Distt. Sehore, and **Dr. Shaik J. Ahmed**, Senior Director, Cyber Security, VIRTUSA Bangalore.

VIT Bhopal welcomed another round of young and inquisitive minds on **September 16, 2020**. Despite being performed online, the pandemic did not dampen the youth's enthusiasm. The VIT Bhopal staff educated the students about academic regulations, student conduct and welfare, campus support services, and other university norms.

VIT Bhopal has been cultivating the personalities of the young lions since its beginning, and the 2021 class was no exception. The university's level continues to rise because of its well-structured proctoring system, foreign programs, and career development.

Earlier this year, VIT Bhopal welcomed another group of young enthusiasts eager to seize these opportunities and shine brightly. These students

had the attention of faculty members, individual attention during placements, intensive training from top-tier alumni and trainers, and innovations like masterclasses and boot camps, which were big successes with previous batches. During their difficult transitional phase, the 2022 batch students received tremendous assistance from their teachers and a **4-week** online orientation programme following UGC standards, beginning on **September 12, 2022**.



# PAT Webinars: November

## PAT Webinars

The session conducted on the **5th of November** focused on **CLOUD**, where it brought in its guest, **Mr. Utkarsh Chaudhary**, who addressed personal query sessions on how one should gain more hands-on knowledge than just academic knowledge from books. He had joined from **Toronto** and talked about the opportunities the cloud platform presents. During the session, the speaker also addressed the personal questions of the audience about college life, skills, and how to stay strong.

In November's session, we invited **Mrs. Shridevi**, one of the initiating people behind the **Futureskills Prime platform**, to brief the students about the program, its benefits, success rates, and how it is helping people gain skills. She also talked about the courses that the platform provided.

On the **17th of November**, **Richard**, a global speaker, was invited, and he joined the session from **New York** to speak about the different

scopes in the field of data science and the qualities to be focused on to be a data scientist. He also talked about the requirements for side projects, how to write code, and the methods one should use.

On **November 18th**, **Dr. Shriram R** once again carried the torch of guidance and made students realise their potential, how they should approach the placements, and what areas they should focus on. A significant emphasis was put by the **Deputy Director** and **PAT Team** on the custom-made way of preparing for the placement.

The last session of the month on **November 22nd** focused on the learning, practice, and preparation required to ace the placements. The guest speaker, **Mr. Raj Patel**, gave some crucial tips for DSA preparation, projects, dealing with the recession, and requirements for data analysis, business analysis, and data engineering.

With exams approaching, the PAT webinar series took a short break to continue with increased vigor in December.

- Founder, Reczee ([reczee.com](http://reczee.com))
- Founder, StopStalk ([stopstalk.com](http://stopstalk.com))
- Staff Software Engineer, Harness
- Team Lead, BrowserStack
- IIIT Hyderabad Alumni
- Conducted over 150+ interviews (DSA, LLD, HLD, Telephonic rounds)

**Raj Patel**



# Campus Affairs

## IOS Club Inauguration

The **IOS Club** of **VIT Bhopal** held its inaugural event on **November 11, 2022**, and it was followed by **HiJack IT**, a thrilling code-breaking competition that gathered a big crowd of close to **235** pupils. The entire team that successfully managed the event consisted of 35 people.

**Ms. Kashish Sharma**, an **IOS intern** with one of the top automakers in the world—**Mercedes Benz**—was the honorable chief guest for that occasion.

The prestigious audience talked with an exceptional visitor for a long time and asked lots of questions regarding IOS software gadgets. Her words inspired everyone to dream big and achieve success.



The honorable guest and winning team, **The Psychopaths**, gave them their rewards. Honorable **Dr. Poonkuntran S**, the SCSE Dean, **Dr. George C. Chandran**, the Dean of Student Welfare, **Ms. Kashish Sharma**, the Principal Guest, AB Rouf Khan, **Dr. E. Nirmala, Sharad Jha**, and **Gauri Agarwal** gave opening remarks (student coordinator).

The overwhelmingly positive reception can be attributed to the event's triumphant conclusion. Overall, it was a competitive, inspiring, and psychologically meaningful event that taught everyone valuable lessons.

## B.Arch Educational Trip



The students pursuing **B.Arch.** have an informative curriculum and a well-designed syllabus, which the university provides. As a part of their academic curriculum, the first-year students, i.e., the freshmen batch, visited **Dodi Highway Treat** to learn about their cafeteria design project for a case study. The visit, held on **November 20, 2022**, was under the supervision and guidance of the faculty coordinator, **Dr. Sheetal Sharma**.

The Dodi Highway Treat, on the **Bhopal-Indore highway**, is India's first restaurant with **ISO certification**. Highway Treat Dodi has received **ISO 22000:2005** certification for three years. It is approximately 30 km from VIT Bhopal, a nearly 45-minute road trip. They were allowed to interact with and understand various aspects of a live project, including its functions, services spaces, and activities.

Currently, these students are developing conceptual design schemes for a student cafeteria on campus.

## Parichay by E-Cell

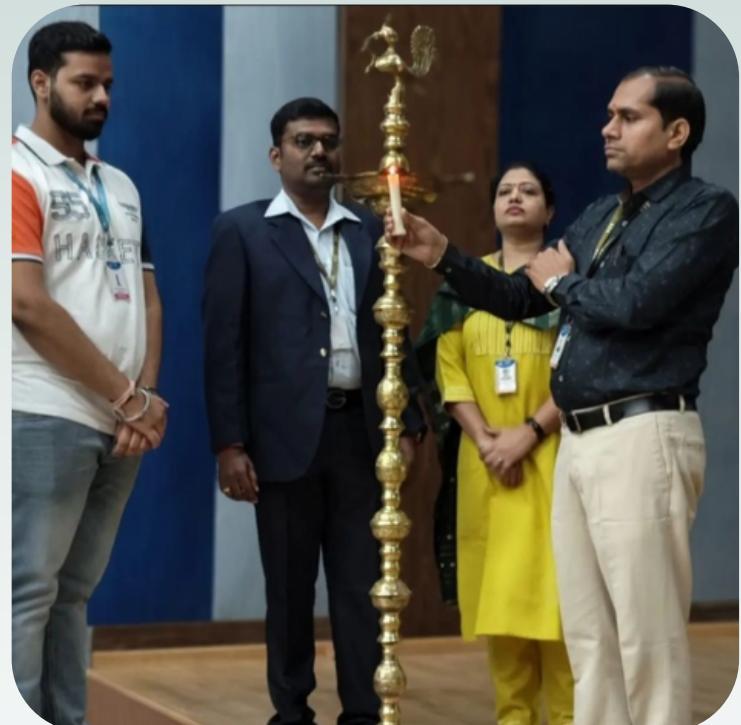


Under the direction of faculty coordinators **DR. Maragatharajan** and **Dr. Bhakti Parashar**, the VIT Bhopal **Entrepreneurship Cell** conducted "**Parichay**" on **November 10, 2022**, as an introduction to the newcomers (**2022-2026 Batch**) to the **club E-cell**. Guests, presenters, and students had a welcome speech before they lit the lamp to kick off the event. Director of Student Welfare at VIT Bhopal University, **Dr. J. George C. Chandran**, was a guest at the function.

**Mr. Aaryan Dabhadde**, the president of the E-Cell Club, commenced the event with his speech, where he embellished the club's journey, describing how they instigated the club from a team of **four to five students** in **2019** and augmented it to a workforce of more than **70 members**.

The event focused on fostering an entrepreneurial culture and teaching the next generation of business leaders some essential skills. The entrepreneurial cell's background was discussed in a workshop. Topics discussed included communication and finance.

After the event, a group discussion took place. The viewers had a terrific time because they learned a lot while enjoying the best and most entertaining parts. **Ms. Ghananjani Saini** concluded the event. She provided some background information on the recruiting process and the various E-Cell teams that students could join in the future.



## UNESCO India-Africa Hackathon

Excelling in all walks of life has always been the benchmark for every VITian. Students have won various laurels at national and international events. VITians have always been at the forefront of academic achievements and extracurricular activities. Keeping in line with this tradition and their never-ending passion for success, students of VIT Bhopal made the university proud at the

prestigious **UNESCO India-Africa Hackathon 2022**.

The annual hackathon, sponsored by UNESCO, is aimed to provide a suitable platform for young innovators to come together and find solutions to the collaborating nations' social, environmental, and technical problems. This hackathon kept in mind the United Nations' Sustainable Goals of Development.

Supported by **the Ministry of Education**, the

Govt. of India, and AICTE, conducted this year's Hackathon edition between **November 22** and **November 25, 2022**, at the **Gautam Buddha University**, located in Greater Noida, Uttar Pradesh, India.

Over **603 students** from the nations of Africa and various states of India participated in this event. The event commenced with the honorable chief minister of Uttar Pradesh, **Shri Yogi Adityanath Ji**, who saw students code nonstop for **36 hours** to brainstorm and find technical solutions to the problem statements.

**Mr. Shirish Waghmode (19MIM10026)**, a 4th-year student at VIT Bhopal, and his team, the **Alpha-Medics**, were adjudged the winners of this prestigious hackathon and received a cash prize of **Rs. 3 lakhs** for their solution in the health analytics domain for a self-care and routine checkup/investigation for early identification of the complications of diabetes mellitus.

The honorable Vice President of India, incumbent **Shri. Jagdeep Dhankar** and many other national and international dignitaries graced the valedictory prize distribution ceremony. Alongside Alpha-Medics, another team from India and three more teams from Africa came off as the winners.

Apart from this, 4th-year student **Varnika Singh**, 3rd-year students **Anmol Garg, Yash Ukalkar, Janhvi Rajyaguru**, and **Hemang Jiwani**, and 2nd-year student **Harsh Raj** were shortlisted to participate in the final rounds, and present their ideas in this hackathon.

Vice Chancellor of VIT Bhopal, **Dr. U. Kamachi Mudali**, along with Director of Student Welfare, **Dr. George Chandran**, congratulated all the students who qualified for this hackathon on behalf of the entire VIT Bhopal family. They acknowledged the hard work and relentless efforts of those faculties and other staff members who continuously mentored these students to success. They also extended their heartfelt gratitude to **Dr. D. Lakshmi**, Assistant Director of the **Centre for Innovation and Technical Learning (CITL)**, VIT Bhopal. **CITL** is a flagship initiative of the university to coordinate and support students at all levels of national and international learning.

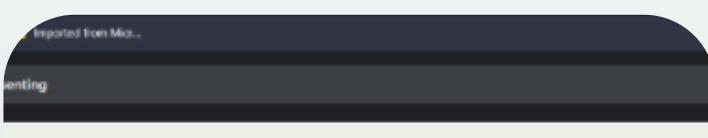
These outstanding achievements by our fellow students not only brought laurels and recognition to our college on a global scale but also provided us with an exceptional opportunity to interact and learn. This feat will encourage other students to strive for success and will set a benchmark for many more future achievements by the extraordinary students of VIT Bhopal.



# Intro to Git and Github

With ever-changing scenarios, the IT and software industry has rapidly upgraded itself to include various paradigm shifts in the development and delivery of applications along with services more efficiently and dynamically.

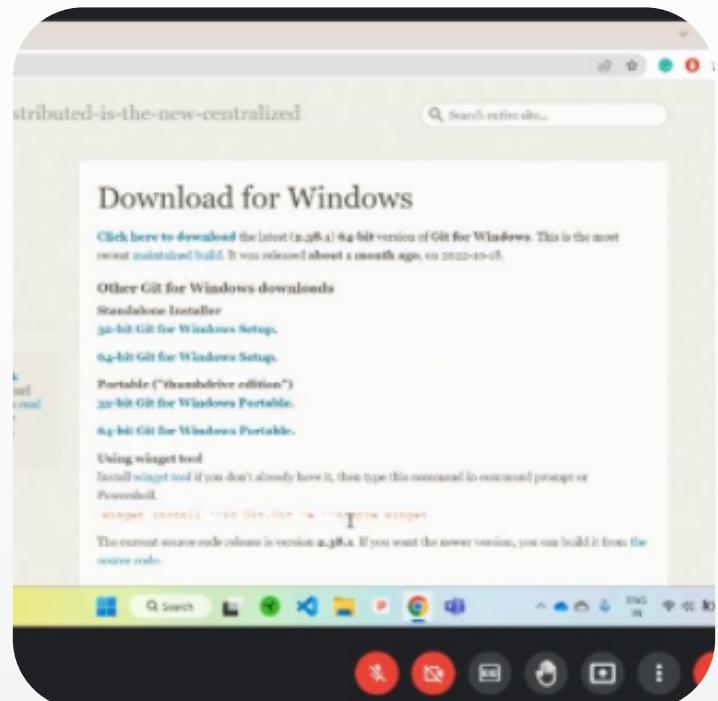
DevOps is one such ideology that has emerged recently and is no longer just the talk of the town. It's now the bottom line of almost every other organization. With various tools and applications available to work in this closely integrated application environment nowadays, enthusiasts and students often find themselves at a crossroads as to where to start their journey in this field.



## Version Control System



So, with this aim, the **Superposition Bhopal Chapter** organized the **Introduction to Git and GitHub** webinar on **November 28, 2022**, to provide a roadmap to the students aiming for breakthroughs in **DevOps** and **Open Source** and to familiarize them with applications of version control and collaborative development.



The event was a **45-minute** live interactive session conducted online to facilitate maximum student participation. The speakers for this event were **Mr. Vaibhav Shirvastav** and **Ms. Tulsi Patel**. Starting with the basics of DevOps and its primary uses in the software development industry, they emphasized the need to be well-versed in **Git** and **GitHub** before choosing it. With a live demonstration of its basics and installation, they touched on various aspects of Git and Version Control Systems and how to use them in the Command Line Interface (CLI).

Next, they explained the basics of GitHub, including how to make a repository and an overview of issues and pull requests. They also explained the fork, branching, and merge commands. Towards the end of the webinar, they familiarized the audience with an introduction to open-source development. The live session also included a **Q&A session**, where the students got all their doubts clarified.

Overall, this session proved to be highly informative and helpful for students with no prior experience who wanted to chart their courses as beginners in DevOps.

## Events & Webinars

### ANI-MAX

*"Nothing's occurring in animation—you manufacture everything."*

The above quote beautifully describes that animation is art in itself. **Insights club** organized a week-long event under the name **ANI-MAX** to highlight the contemporary developments in animation. **October 28**, celebrated as **International Animation Day**, marked the beginning of the week-long event.

The ANI-MAX event featured two distinct activities- **The Anime Music Video Competition** (AMV Competition) and the **Animation Competition**. The participants had a week to work on their animation and AMV edit videos.

For the Animation competition, contestants had to submit a **10 to 30-second** video. Based on the best animation among the submissions, the winners were declared. In the AMV competition, participants had to make a video **one to three minutes** long. The finest amalgamation of the anime video and the soundtrack determined the winners of this contest. **Diviz Pandey**, **Ganesh Navale**, and **Harsh Tripathi** were the victors of the **AMV competition**, and **Harsh Patel**, **Akshat Singh**, and **Harshendra Rami** finished as the top-3 participants in the **Animation Competition**. The winners received monetary incentives and a shoutout on Insights' official social media page.

Under the guidance of club faculty directors **Dr. Sandeep Sahu** and **Dr. Atul Aman**, animators had the opportunity to combine their ideas and create a mystical environment at this club event at Insight.



### Cosplay Event

The **Fusion Club** of **VIT Bhopal** held an exciting **cosplay event**. They began accepting registrations on the **16th of November** and announced the winners on the **30th of November**. The participants impersonated characters from Bollywood, Hollywood, Anime, and Cartoons in the cosplay.

Each student had a week to create their outfit from scratch as per the norms. In addition, they had to record a video of themselves delivering the **famous dialogue** of their characters. A part of the assessment process was a preliminary assessment of costume creativity and originality, followed by the finals based on the masterpiece.

The judging criteria involved design details, delivery of dialogues, the poses, and how they conducted themselves. Design details of the costume played a vital role in their success. After the selection of **three participants** from **each genre**, the contestants uploaded their photos to the club's **Instagram account**. The winner was determined by the **number of likes** on the post. These were the students who bagged the winners' titles with their jaw-dropping talent: **Bollywood: Palak Dwivedi** (Malti from Chapaak), **Hollywood: Aadya Gupta** (Pennywise from IT), and **anime and cartoons: Kanishka Karki** (Rui Ayaki from Demon Slayer).

## TechMilap

**Tech MILAP** was a talk-panel-based tech event organized on the **3rd of December** by the **Bit-by-Bit club** in online mode. This event consisted of enlightening talk sessions by some eminent speakers and guides, followed by competitive events that allowed the students to showcase their talent.

The event started by providing a roadmap to the freshers about how they should get started in the engineering field and get one step ahead in their domains. An introduction session to various essential engineering platforms, like GitHub, LinkedIn, Canva, Discord, and Medium, was demonstrated. In this event, the participants were trained, through theoretical and hands-on learning platforms, to use these technologies as tools to boost their careers.



This event helped first-year students who were confused about coping with the new college environment and provided tips to give them a head start.

## CMFC Webinar

On **November 13, 2022**, the **Cognitive Mind Fitness club** organized a session with **Mr. Quanto Shivo** on the topic "**To Change Your Life, Look Within**" under **Dr. Manisha Jain**, faculty coordinator of the Cognitive Mind Fitness club.

**Quanto Shivo, a miraculous healer**, invented the Astro Power Yantra and Spacetime and made contributions to inventions like the Evolution Alchemist and the Astronomical Model. He has also established the Quanto Life foundation. The celestial gods' and goddesses' blessings descend through him, a divine channel, to heal people.

Quanto life is a which has its roots in the most

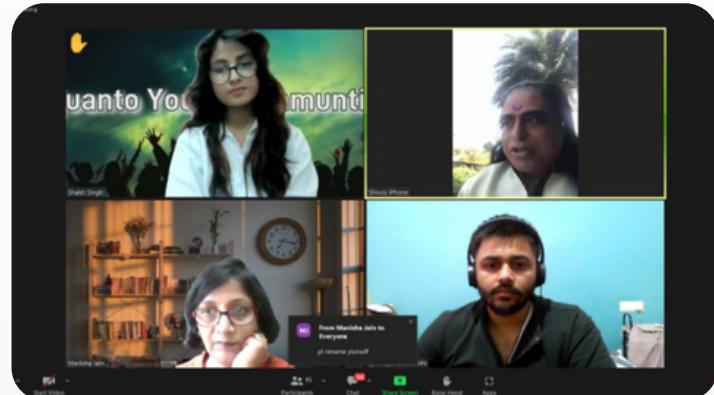
modern and advanced scientific insights from the convoluted field of quantum mechanics. Synthesis is a vital technique that not only transports you to a deep state of relaxation but also assists in the production of great breakthroughs in the outer world.

In the two-hour-long webinar, Quanto Shivo spoke about the power of self-discovery and self-knowledge to transform one's life through appropriate **time management**, **stress management**, and **mindfulness**.

The students actively participated in the webinar, which made the final Q&A session a success, as Quanto Shivo patiently answered each question.

## CMFC Book Review

The **Cognitive Mind Fitness Club** held a book discussion entitled "**Little Creatures**" on **November 30**. The **Monk Who Sold His Ferrari**, a book by Robin Sharma, was the subject of the first event in the series. The fable illustrates a step-by-step approach to living with heightened courage, balance, abundance, and joy using a simple yet powerful metaphor. **Julian Mantle**, a lawyer whose out-of-balance life leads to a spiritual crisis, is the protagonist of this book. Seven qualities revealed in the book were the focus of a constructive discussion about the various elements of the book. Honourable Guest **Quanto Shivo, Dr. Manisha Jain and Kshitij**



**Johri** led this inspiring session, which proved insightful for all the avid readers of the university. Every Wednesday at 7:30 p.m., an intriguing book review session is held for the bookworms. The next book on the list is "**The Atomic Habits**" by **James Clear**, which is next in line for the discussion at the following meeting.

## AI Conclave 2.0

The **AI Club** VIT Bhopal's most anticipated event, **AI Conclave 2.0**, took place from **November 18th** to **November 21st** in hybrid mode, both at



the auditorium and on Microsoft Teams.

It was a sizable event, with each day kick-starting with keynote sessions and having over **1000** active participants engaging themselves in online and offline hands-on workshops, ideathons, and debate competitions.

**Mr. Amitabh Tewari**, Center Head at TCS Indore, was the first speaker on Day 1. After the official introductions and the SCSE Dean's address to the students, he gave his lecture. The successive speakers were **Rahul Mandviya**, President of AI Club; **Mr. Rahul Mishra**, Head of Growth at Concept Campus; and **Mr. Yash Sharma**. These sessions were offline, and the concluding session was conducted online by one of the great data scientists at Capgemini, **Mr. Rich Gregson**.

The next day began with a refreshing hands-on training conducted offline with an online lecture by **Keira Lakhdari**.

Several workshops were conducted by **Aryan Ahuja**, followed by an offline session by **Rahul Mandviya**, the president of the AI Club himself. The participants of Day 2 experienced interactive online sessions led by **Mr. Johan Steyn**, founder of Alforbusiness.net; **Supriya Bhulwarka**, founder of Coding and More; and **Narimane Hennouni**, an Instadeep Research Engineer.

The third day started with an online presentation by **Thomas Ives**, Senior Data Scientist at Echo Global Logistics, who enriched the students about the fundamentals of machine learning development. **Rithuraj Nambiar** and **Argish Abhangi**, the technical and editorial leads of the AI club, delivered the consecutive offline sessions, followed by two hands-on workshops by **Sakalya Mitra**, a Data Science Intern at Scaler, and **Aryan Ahuja**, an ML Engineer at Omdena. **Rosana de Oliveira Gomes**, the founder of AI Wonder Girls, and **Salman Khaliq**, the Learning and Development Lead at Omdena, seized the day with their energetic online seminars.

Day 4 drew several groups ready to engage in the war of words for **Zephyr'22**, a debate competition held in the auditorium. The teams consisted of **3-5 members** each and were assigned topics related to **AI and Industry 4.0**.

The results produced **four winners**, with the first position being a tie between the two finalist teams. This competition leveled up the excitement, making the last day very remarkable.



This day also introduced an **Ideathon** that stretched from **November 21st to 27th** in online mode. Students created a group of 3 to deliver their ideas via a recorded video of their PPT. The **top 15 teams** presented their ideas to an **international judging panel** on November 27th, with the top two teams getting the opportunity to develop their proposal into an open-source project.



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