Ingenium 2023 Event Report

Date: September 12, 2023, to September 15, 2023

Venue: O.S.H, F.E.T, Gurukul Kangri (Deemed to be) University

Organized by: Communicode Club

Ingenium 2023, a dynamic four-day event organized by the Communicode Club , stood as a testament to the celebration of technology, innovation, and skill development. Held from September 12th to 15th, this event provided an immersive platform for students at Gurukul Kangri (Deemed to be) University to delve into the world of cutting-edge technology, engage in enriching workshops, competitive gaming, and insightful speeches, all aimed at nurturing their technical prowess and fostering a spirit of innovation.

Day 1: September 12, 2023

1. Drone Technology/UAVs Workshop for Youth Skill Development (11:00 AM)

- **Attendees**: Approximately 120 participants

- **Speaker Introduction**:

The first day of Ingenium 2023 kicked off with an engaging workshop on Drone Technology and Unmanned Aerial Vehicles (UAVs) led by Mr. Alok Tomar. Mr. Tomar, an esteemed professional associated with the Ministry of Electronics and Information Technology, shared his profound expertise in drone technology. His collaboration with IIT Bombay and dedication to mentoring young enthusiasts added credibility to the session.

-Key Insights Shared:

Mr. Alok Tomar's presentation shed light on the world of drone technology, emphasizing Prime Minister Narendra Modi's vision for technology in shaping India's future. The discussion covered opportunities, challenges, and the crucial role of UAVs in sectors such as Defence, Agriculture, and Mining. Mr. Tomar's efforts in skilling youth through government initiatives showcased how UAVs can revolutionize various sectors.

2. Git/GitHub Workshop in Collaboration with Algozenith Club GK(DU) Chapter (2:00 PM)

- **Attendees**: Approximately 40

- **Speaker :**

Ankit Parida, Algozenith Lead

Overview:

Topics covered included Version Control System, Introduction to Git and GitHub, Benefits of Git and GitHub, Getting started, GitHub repositories, working with branches, and a Q&A session.

Conclusion:

The Git/GitHub Workshop, a collaborative effort between Algozenith Club GK(DU) Chapter and Ingenium 2023, was a transformative experience for approximately 40 attendees. Led by Ankit Parida, an adept Git/GitHub user, the workshop offered a comprehensive understanding of version control systems, Git, and GitHub. Participants acquired knowledge on the benefits of version control, the practicalities of Git and GitHub, including installation and repository management, the significance of branching in Git, and the vital skill of pushing changes to a branch.

3. Online Hackathon on Hacker-rank (6:00 PM)
  - **Attendees:** 93 participants

Overview:

The day culminated with an exhilarating online hackathon hosted on Hacker-rank. The hackathon featured a series of challenges with increasing difficulty levels, providing students with an opportunity to showcase their problem-solving skills and compete with their peers.

HACKATHON WINNERS:-

1. Manish Ku. Akela
2. Himanshu Saini
3. Shivansh Chauhan

Day 2: September 13, 2023

Ingenium workshop of Web Development (2:00 PM)

- **Attendees**: Roughly 100 participants

- **Speaker:** Mayank Chaturvedy and Rishabh Yadav

Introduction

On the second day of Ingenium 2023, the Communicode Club organized a revolutionary workshop on "Web Development." The event featured prominent speakers, Mr. Mayank Chaturvedy and Mr. Rishabh Yadav, who provided in-depth knowledge on HTML and CSS basics.

Key insights:

The workshop began with an introductory session that covered the basics of web development, including HTML, CSS, and JavaScript. Participants learned about the fundamental building blocks of websites. Mr. Mayank and Mr. Yadav introduced the attendees, how CSS is used to style the webpages.

The facilitators introduced participants to essential web development tools and frameworks, including text editors, version control systems (e.g., Git), and libraries like Bootstrap and jQuery.

Conclusion:

The Web Development Workshop was a resounding success, equipping participants with essential web development skills and knowledge. It served as an excellent starting point for those interested in pursuing a career in web development and provided valuable insights for those looking to enhance their existing skills.

Day 3: September 14, 2023

Overview:

- **Attendees**: Approximately 130+ participants

The third day was marked by a thrilling gaming event featuring games like chess, Battlegrounds
Mobile India, and Freefire. The event was live-streamed on the Twitch channel "yuta_havae."

1. **BGMI Gaming Competition (10:30 AM)**

- **Venue**: O.S.H, F.E.T

- **Format**: League Format

- **Online Streaming**: [Twitch Channel] (https://www.twitch.tv/yuta_havae)

Winners:

1. Team Gkvian

2. Team Known4bullying

3. Team Hell_Fire

Overview:

The BGMI Gaming Competition was a highly anticipated event that attracted numerous teams to compete against each other. The competition, held at O.S.H in F.E.T, followed a league format where teams accumulated points throughout the day. The event was also live-streamed on Twitch, drawing a significant online viewership.

The winners showcased exceptional teamwork and skills, making them stand out in the fierce competition.

2: Online Chess Swiss Tournament (2:45PM)

- **Venue**: Room No. 224, F.E.T

- **Format:** Swiss Tournament (6 rounds)

Chess enthusiasts gathered in Room No. 224 at F.E.T for the Online Chess Swiss Tournament, hosted on chess.com. This tournament featured a unique format where

players of different skill levels were paired against each other in each round. After six rounds of intense chess battles, the following players emerged as champions:

Winners:

1. Nirmit Saini

2. Harsh Modi

The players demonstrated their strategic prowess and mental agility throughout the tournament.

3: Freefire Max Tournament

- **Venue**: Room No. 208

- **Time**: 2:30 PM

Winners:

1. Team Terrorists Squad

2. Team The Lords

The Freefire Max Tournament in Room No. 208 was a thrilling affair with numerous teams vying for supremacy. The competition was fierce, and the joint winners of this exciting event were. The event was a resounding success, providing gamers and fans with an unforgettable experience. It celebrated the Free Fire community, offering competitive gameplay, cosplay creativity, and valuable interactions with influencers.

These teams exhibited exceptional gameplay and coordination during the tournament.

Day 4: September 15, 2023

- **Attendees:** Expected 150+ participants

- **Venue:** O.S.H, F.E.T

1: Blockchain Workshop (11:30 AM)

Overview:

The last day of ingenium began with the workshop on Blockchain the spokesperson of the event was Mr. Mayank Agarwal (H.O.D Department of Computer science and Engineering G.K(D.U).

Dr. Aggarwal began by elucidating the modern technological landscape,touching upon concepts like Big Data, Cloud Computing, FOG computing, and AI/ML. He then delved into the paramount concern of security in these technologies, highlighting the indispensability of secure data sharing and transmission. He unveiled blockchain as a decentralized ledger of data blocks, employing the 50% rule, ensuring that only data approved by 50% of blockchain users is permanently recorded. Using a linked list data structure analogy, he elucidated how chains of data blocks are created, with the crucial difference being that once a block is created, it cannot be tampered with or deleted.

Dr. Aggarwal elucidated real-world applications of blockchain, particularly its significance during the COVID-19 pandemic in healthcare and vaccine distribution. He also candidly discussed the disadvantages and historical hacks but underlined blockchain's significance as the closest we have come to foolproof transaction security.

2. Speech on G20 by Pratham Mishra (12:00 PM):
Following the blockchain workshop, Pratham Mishra, a second-year student in Electronics and Communication Engineering, took the stage. Known for his eloquence and profound knowledge of current affairs, Pratham delivered a speech on the G20.

Pratham expounded on the revolutionary importance of G20 to India, emphasizing that the G20 New Delhi Summit was chaired by Indian Prime Minister Narendra Modi. He elaborated on the six agenda priorities set by G20 India for the 2023 dialogue, which included topics like Green Development, Climate Finance, Technological Transformation, and Women-led development

3. Valedictory and Prize Distribution Session (12:30 PM)

The day culminated with a Valedictory and Prize Distribution session. It commenced with a recap of the last three days of Ingenium 2023 and accolades for the dedicated efforts of the Communicode club.

The Dean, Dr. Vipul Sharma, was warmly welcomed and honoured by the anchor, who also extended this courtesy to the Heads of Departments and professors in attendance. Dean Sharma delivered an inspiring speech, encouraging all the students and commending the club for organizing a successful week-long event.

The winners of various competitions held during Ingenium-2023 were awarded by certificates and prizes.

CONCLUSION TO INGENIUM 2023:

To conclude the event, the entire Communicode team received tokens of appreciation from the Heads of Departments, professors, and the Dean, acknowledging their hard work and dedication.

The finale concluded on a lighter note with a poetic speech on Engineer's Day by Mr. Ashutosh Kumar, a third-year CSE student, adding a touch of creativity and humour to the day.

The event was wrapped up with everyone chanting the Shanti-Path, marking the successful conclusion of Ingenium-2023, a testament to the spirit of innovation, technology, and camaraderie.

Main Members of Communicode Involved:

1. SHASHWAT GUPTA
2. MAYANK CHATURVEDY
3. ANSHUMAN RATH
4. ARIYAN MAHAKUR
5. ANKIT PARIDA
6. SHIVANSH
7. RISHABH YADAV
8. AMAN PATEL
9. KATURI KARTHIK
10. ABHINANDAN VATSALYA
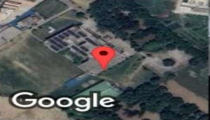
OTHER COORDINARORS: -

Rohan Kumar – 3rd year

Nitturu Shameer – 3rd year

Ashutosh kumar – 3rd year

Siddarth verma – 3rd year

Md Sufiyan – 3rd year

Kanishq Bhardwaj – 3rd year

Praveen Gupta – 1st year

Prakash – 2nd year

Yashwant – 2nd year

Krish – 2nd year

Harshit – 2nd year

Ansh sharma – 2nd year

Haridwar, Uttarakhand, India
W387+HM3, Haridwar, Uttarakhand 249402, India
Lat 29.916568°
Long 78.064017°
15/09/23 11:26 AM GMT +05:30

Extempore Event
12/09/2023

Name	Sign	Name	Sign
Emberi Rajeev	E. Rajeev	Aryaman Saini	A. Saini
Vivek Patel		Nirbhay Chaudhary	Nirbhay Chaudhary
Rajesh Kumar		Arihant Singh Rajan	Arihant
Vaibhav Mishra	Amishra	Tajinder Singh	Tajinder
Aakash by Aadity		Abhinav Kumar	
Ayush R. Mall	Ayush Mall	Rajat sharma	Rajat
chandan	chandan	shriyansh bawa	Shri
Kanhaiga Lal Rawat		Priyanshu kumar	
Harsh Joshi		ABHINAV BHATIA	Abhinay
Cihul Gupta		Vishesh chauhan	
Naman		Dilkush Kumar	Dilkushkumar
Harsh kumar	Karu	Sanjeev kumar	Sanjeev kumar
Nikhil Sharma	Nikhl	Sudhanshu	
Ishaan Sugandh	Ishaan Sugandh	Abhinav Pandey	Abhinav Pandey
Piyush	P	Shivam	Shivam
Shorya Chitransh		Akshay Bhatia	
Bikash kumar Rawat	Bikash	Animesh kumar	Animesh kumar
Dev Sharma	Sharma	Mannu Jogi	Mannu
Kshitij gupta		Yashwant Kumar	Yash
Kunal		Rahul kumar	Rahul
Karan Prajapat		sumit kumar	Sumitkm
Ujjwal preet		Siddharth kumar	
Alam Tirkey		PRAVEEN GUPTA	Praveen
Jaswant		Dhruv Kr. jha	
ANURAG singhal	ANURAG singhal	Mani Ranjan	
Kushal Singh	Kushal	Harsh chawasia	Harsh
Manish kr Ahela	Manish	Tarun prajapat	Tarun
Harsh Arya	Harsh Arya	Shrikant	Shrikant
Pulkit Tiwal		Ramay Gupta	Ramay
Mehul Giri		Shubham kumar	Shubham
Ankit Kumar	Ankit	Abhishek Kr. Jha	Abhishek

Name	Sign	Name	Sign
Aditya Raj	Aditya Raj	Vaibhav Sharma	Vaib
Khushal Saluja	Khushal	Saransh Sharma	Sdanss
Satyam Hwari	आयुष	Sudhish Kumar	Sudhish Kumar
Md Hasnain Ansari	Hamou	Harshit Chandra	Harshi
Rishi Raj	Raj	Devansh Gupta	Gupta
Prabhakar Jha	Prabha	Arpit Verma	AV
Nitin Raj	Nitit	Abhishek Kumar	Abhi
Kishan Kr. Sharma	Kishan	Deepak Kumar	Deepak
Khushagra Singh	Kush	Ravis Kumar	Ravis kr
Ansh Sharma	Ansh	Aniket kumar	Aniket kumar
Luxmi Shankar	Luxmishankar	DEVRAJ	Devit
Honey Heman	Honey Heman	Pranjal Singh	Pranjal Singh
Chetan Rajesh	Chetan	Yash Dwivedi	Yash
Pushpesh Kr	P	Utkarsh Dubey	utkarsh Dubey
Ayan	A	Rajveer meena	Rajveer
Divyansh Kund	Divyansh	S. Naveen Kumar	S.Naveen
Praveen Verma	Praveen Verma	m. Rakesh	M.Rakesh
Rishav Raj	Rishav Raj	K. Harsha	K.Harsha
Ravi Ranjan Kr.	Ravi Ranjan	Yashwanth	Yash
Laxmi Pati Bavaja	Laxmi Pati Bavaja	Mahtab Ali	
Uday Pratap	Uday Pratap	Kiranveer Singh kanwar	Karanveer
B Sagar	B-Sagar	Dipesh	Dipesh
M.Greeshmanth Sree Sai	M-G-S Sai	Harshit Lakhchoura	Harshit
MUHAMMAD OMAIR	Omair	Mahesh kumar	mahesh
Amol Shukla		Shivansh	Shiv
Archit Padha	Archit Padha	Akshat Sengore	ASen
Kaushal Thakur	Kaushal	Rohit kumar	Rohit kumar
Tanuj Chophal	Chophal	Vikash Kumar	Vikas
Adarsh Singh.	Amb	Ashutosh kumar	Ashutosh kr
Chittransh Badgainya	Chitra		

12/09/2023.

Name	Sign	Name	Sign
Utkarsh Ks. Jha	utkarsh		
AYAN MANNA	Ayan Mann		
Rudra Pradash Pandy	Rudra		
Alok Kumar	Alok		
ANSHUMAN RATH	Anshuman Rath		
Shashwat Gupta	Shashwat Gupta		
K. Karthik	@Karthik		
Ankit Parida			
Kanishk Bhardwaj	Kanish		
Rajnish Raj.	Rajnish		
Harsh Modi	HARSH		
Baiju kumar	Baiju ku		