The BLITZ Society, Department of Computer Science

Brilliant Information Technology Zealots, a society formed by the first batch of B.Sc (Hons.) Computer Science, with a feeling to promote innovative thinking and professional growth, has turned out to be a “power-house” for the whole college. It has largely contributed in making Keshav Mahavidyalaya to be “the happening place in the DU fraternity”. The vision conceived by the founders of the society was to enable higher academic standards and enhance the quality of extracurricular activities in the college. Under the guidance of our Principal, faculty members, and fellow mates we have turned BLITZ, from just being another society in the college to making it a thinking, acting and an ever changing entity. We at BLITZ believe and live by the motto ‘SILICON MINDS, CIRCUITED HEARTS’ and in the endeavor, organize events such as seminars, debates and technical festivals to keep the students abreast of new advances in the fast changing world of information technology.

The BLITZ Team 22-23

Faculty Coordinators: Dr. Roli Bansal (Convener), Dr Namita Aggarwal, Ms. Rashmeet Kaur Chawla, Mr. Rakesh Kumar

B.Sc. (Hons.) Computer Science Student Members of the BLITZ Society with the irrespective posts:

Post	Name of the	Roll no	Year
President	Simrat Deol	205711	III
Secretary	Diksha Singh	2110844	II
Treasurer	Udit Kaushish	205805	III
Senior	Smrati Sharma	205781	III
Executive	Samiksha Singh	205810	III
Senior	Harshita Mahajan	2110846	II
Senior	Shruti Sharma	2110887	II
Executive	Shashank Deep	2110874	II
Executive	Priyanshi Jain	2216120	I
Executive	Rahul Arora	2216063	I
Executive	Nancy Gupta	2216052	I

(BLITZ Society Events conducted in the academic year 2022-23)

S.No.	Event Name	Date
1.	Secure Coding Practices	07/09/22
2.	Coding Competition	12/10/22
3.	First Step Towards Open Source With Git/Github	14/11/22
4.	Careertalks@BLITZ: Emerging Career Options In Cs	25/01/23
5.	Careertalks@BLITZ: Guide To Build An Effective Cs Cv/Resume	30/01/23
6.	Careertalks@BLITZ: How To Land Your First Internship	08/02/23
7.	BLITZKRIEG	24/03/23

SECURE CODING PRACTICES

Date: September 7, 2022

Time : 2:00 – 3.30 PM

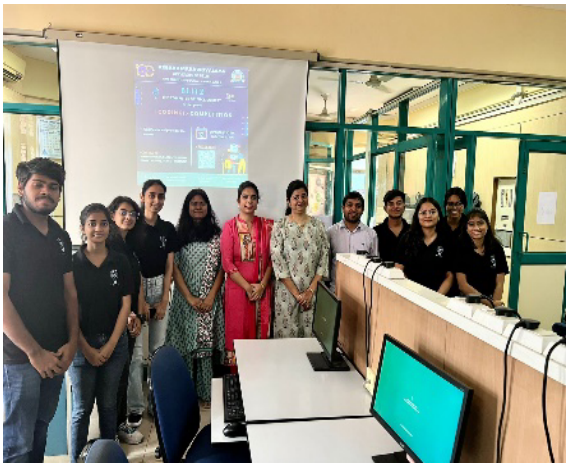
The speaker, Mr. Saket Taneja is currently a Senior Security Engineer at Paytm. He is among the top 100 awardees of the CEH(certificate ethical hacker) hall of fame 2021. He is an experienced Cyber Security Analyst, skilled in PHP, corporate communication, ethical hacking, business relationship management, and information security. He did a post-graduate diploma in cyber security and law focused on cyber security. the speaker covered topics like Confidentiality, Integrity, and Availability (together, famously known by the acronym CIA). He thoroughly discussed 'Secure Coding Controls' viz. Input Validation and its implementations, Sanitization, Access Control, Authentication and Authorization, and Encoding. Furthermore, he described the four sanitization mechanisms- Trimming, Replacing, Escaping, and Disallowing. Insecure usage of dangerous functions was also covered, along with some prevention measures. The speaker engaged the audience with mind-boggling questions following every concept.

CODING COMPETITION

Date: October 12, 2022

Time: 1:30 – 3:00 PM

BLITZ, the Computer Science Society of Keshav Mahavidyalaya organised a coding competition for students of all the courses of Keshav Mahavidyalaya on 12/10/22. The competition was conducted in Computer Labs of Dept of Computer Science. The competition was hosted on HackerRank platform and consisted of 220 points. The topics covered in the competition included backtracking , arrays , greedy algorithm, divide and conquer strategies, etc. The participants were given a total of 90 minutes for the competition.A large number of participants participated enthusiastically in the competition. The first position was bagged by Aniket Bhardwaj from 3rd Year, BSc (Prog.) Physical Science with a point score of 160 and the second position was secured by Abhinav Anand from 3rd Year, BSc (H) Physics with a point score of 130.



FIRST STEP TOWARDS OPEN SOURCE WITH GIT/GITHUB

Date: November 14, 2022

Time: 11:00 AM – 1:00 PM

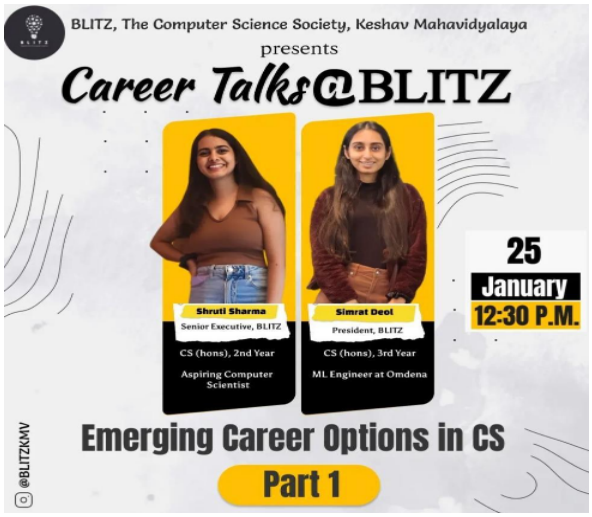
The speaker, Mr. Mohit Uniyal is co-founder of Coding Minutes and currently a lead Data Scientist and Instructor at Scaler. He is an alumnus of Keshav Mahavidyalaya. Initially, Mr. Uniyal defined open-source software and elaborated on its value, and applications. Later he explained what is Git and why it is needed. A demonstration of how to git can be configured on oes's machine was conducted by him. Furthermore, he discussed what is GitHub and how to use the basic commands for building various computer science projects. He thoroughly cleared all the related concepts by providing examples on how to efficiently and effectively use Git commands and commit changes on GitHub. In the end, Mr Uniyal engaged the audience in a fun-filled quiz hosted on Kahoot Platform. Prizes were distributed to the top 5 performers.

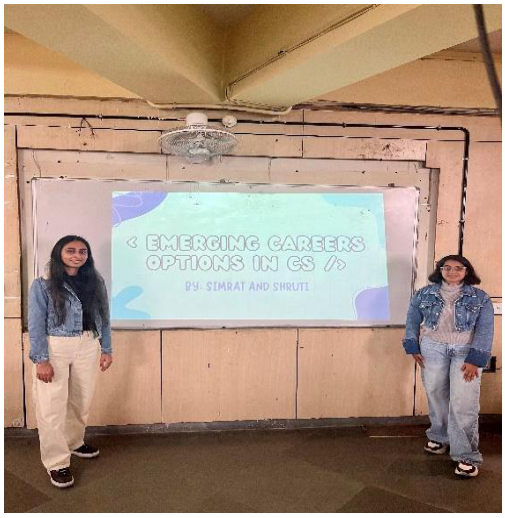
CAREERTALKS@BLITZ: EMERGING CAREER OPTIONS IN CS

Date: January 25, 2023

Time : 12:30 PM

As part of a three-part series called CareerTalks@BLITZ, The Computer Science Society of Keshav Mahavidyalaya, BLITZ, organised an in-house session for all college students who were interested in a career in computer science. Simrat Deol, the President of BLITZ, and Shruti Sharma, Senior Executive BLITZ, were the speakers for the event. Simrat Deol started by briefly defining and summarizing the highest paying jobs in the fields of computer science, including those in data, software, ethical hacking, and cyber security. It was made clear that traditional coding careers may not always be favorable considering how swiftly artificial intelligence has taken over the world and how the IT business is developing. The domination of the artificial intelligence (AI) sector over a variety of industries, such as e-commerce, lifestyle navigation, human resources, healthcare, agriculture, gaming, and finance, was brought up. It was emphasized during the discussion that as the computer world advances, concerns about the security of data have also grown, and that this will necessitate more employment opportunities for cyber security experts. Then Shruti Sharma described how different industries are working together with Computer Science to perform more effectively. The recent boom in employment opportunities in computer science and related fields was also discussed. Following that, the distinction between the MSc and MCA degrees offered by various Universities was discussed, along with what could be beneficial for the students. The possibilities for advanced study abroad were also discussed, and questions from the students about the session were then addressed.



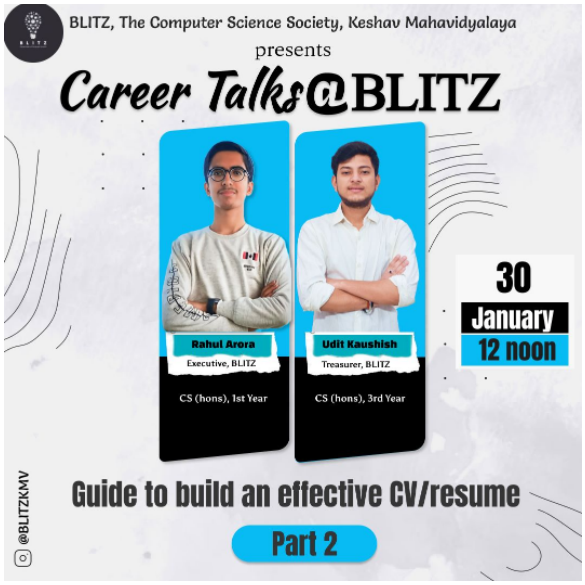


CAREERTALKS@BLITZ: GUIDE TO BUILD AN EFFECTIVE CS CV/RESUME

Date: January 30, 2023

Time: 1:00 PM

The second in-house event of the three-part series called CareerTalks@BLITZ, organised by the Computer Science Society of Keshav Mahavidyalaya, BLITZ, was on the topic “Guide to build an effective CS CV/Resume”. Udit Kaushish, the Treasurer of BLITZ, and Rahul Sharma, Executive BLITZ, were the speakers for the event. The presenters began by describing the differences between a CV and a resume, emphasising the differences between the two in terms of content, length, and audience. The speakers then concentrated on the essentials of a CV or resume, followed by do’s and don'ts for drafting a resume. They next discussed frequent errors applicants make, while creating any resume or CV. They also mentioned a number of websites, like ApnaResume.com, Canva.com, and Novelesume.com, which make it simple to create resumes and CVs. A few other aspects, including adopting a clean, modern design and including keywords with specific examples in your CV, were also emphasised. Following the students' doubts and inquiries, the session was concluded with a token of appreciation.



CAREERTALKS@BLITZ: HOW TO LAND YOUR FIRST INTERNSHIP

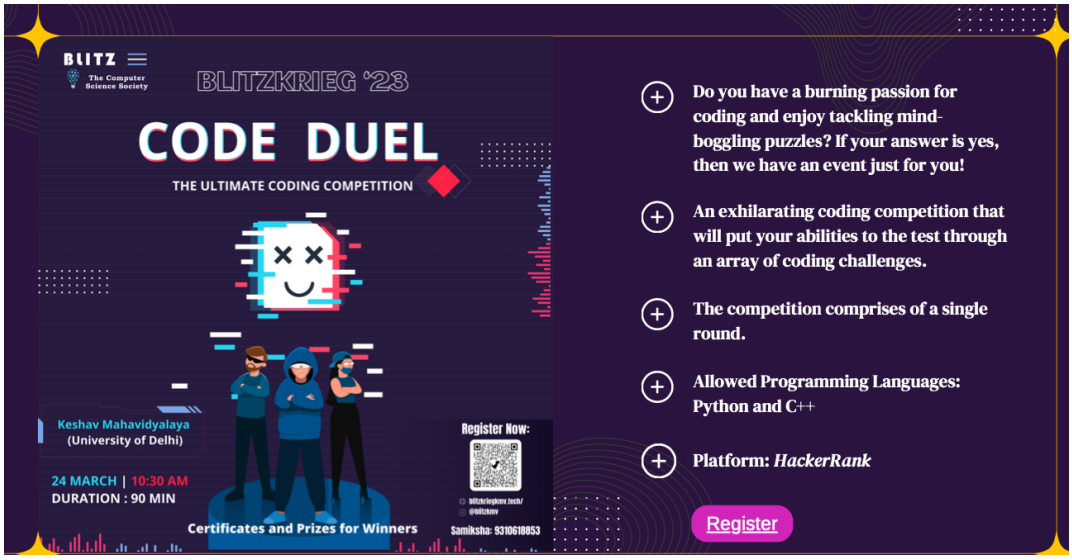
Date: February 8, 2023

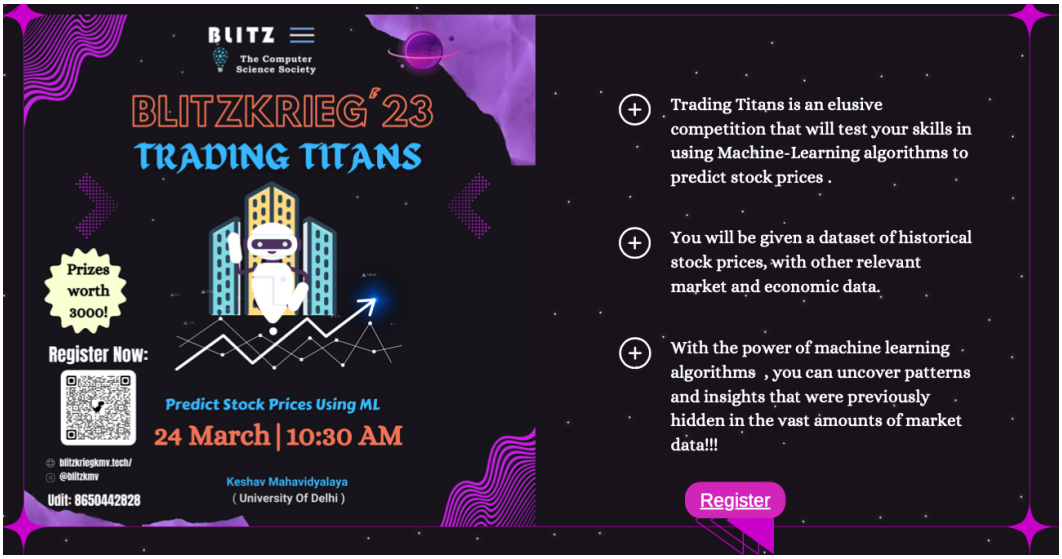
Time: 1:00 PM

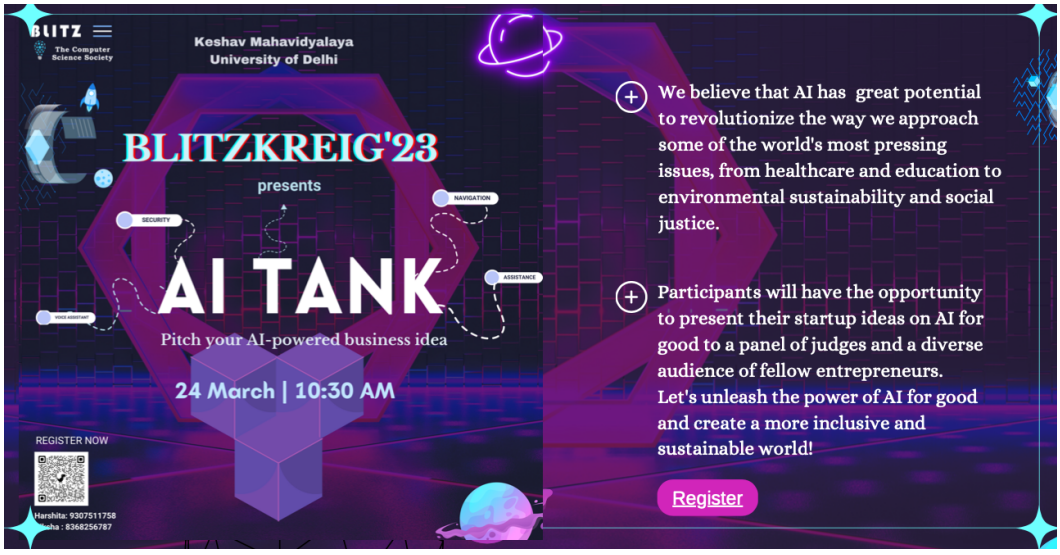
The third in-house event of the three-part series called CareerTalks@BLITZ, organised by the Computer Science Society of Keshav Mahavidyalaya, BLITZ, was on the topic "How to land your first Internship". Diksha Singh, the Secretary of BLITZ, and Harshita Mahajan, Senior Executive BLITZ, were the speakers for the event. The Speakers began by outlining the importance of internships i.e., the exposure, teamwork, and networking opportunities that they provide. The difference between paid and unpaid internships, part-time and full-time internships, and remote and in-office internships was then discussed. The speakers continued to underline the importance of unpaid internships because they offer a person a variety of chances. The skills required to obtain an internship were then discussed. Before brushing up on the skills needed, the speakers advised the students to identify the field they want to work in. The most crucial topic of discussion—how to find internships—was then addressed by the speakers. They first encouraged everyone to sign up for a LinkedIn account and make connections, emphasising the value of having one. As a result, students were informed about additional internship-finding websites like Internshala, Glassdoor, Naukri, and Monster. Finally, Simrat Deol, President of BLITZ, gave a brief explanation of her experience as an intern, emphasising the importance of developing relevant skills and applying for jobs. She recommended students to join Telegram groups so they could learn about the most recent internships and fellowships available locally and globally. After resolving the students' questions and acquiring their feedback, the session concluded with a token of appreciation.

BLITZKRIEG 23

March 24, 2023


BLITZ
The Computer Science Society
BLITZKRIEG '23
CODE DUEL
THE ULTIMATE CODING COMPETITION
Keshav Mahavidyalaya
(University of Delhi)
24 MARCH | 10:30 AM
DURATION : 90 MIN
Certificates and Prizes for Winners
Register Now:
blitzkriegkmv.tech/
@blitzkmv
Samiksha: 9310618853
Do you have a burning passion for coding and enjoy tackling mind-boggling puzzles? If your answer is yes, then we have an event just for you!
An exhilarating coding competition that will put your abilities to the test through an array of coding challenges.
The competition comprises of a single round.
Allowed Programming Languages: Python and C++
Platform: HackerRank
Register

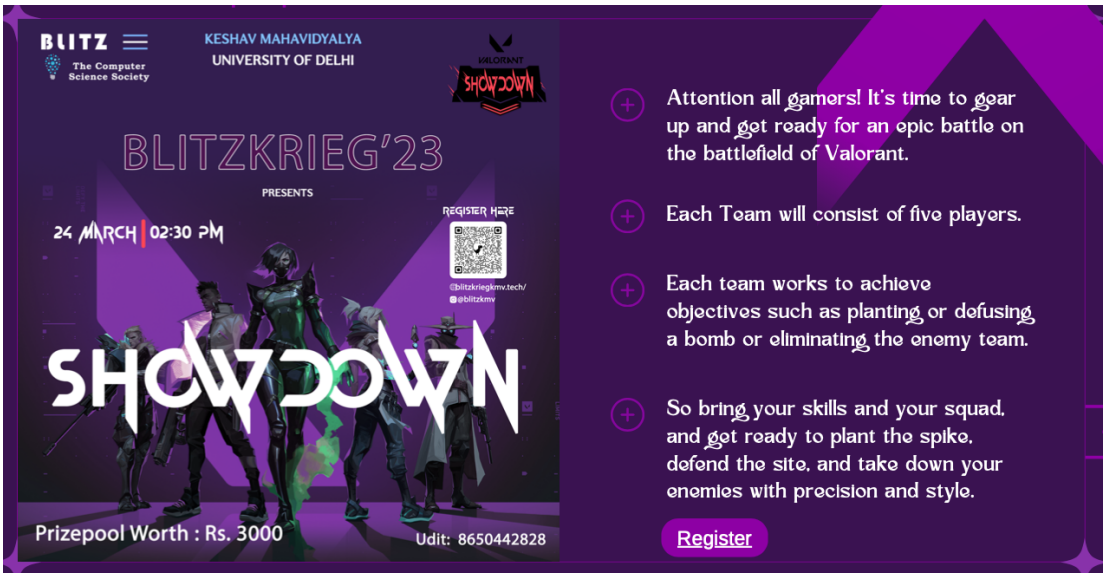

BLITZ
The Computer Science Society
BLITZKRIEG '23
TRADING TITANS
Prizes worth 3000!
Register Now:
Predict Stock Prices Using ML
24 March | 10:30 AM
blitzkriegkmv.tech/
@blitzkmv
Udit: 8650442828
Keshav Mahavidyalaya
(University Of Delhi)
Trading Titans is an elusive competition that will test your skills in using Machine-Learning algorithms to predict stock prices .
You will be given a dataset of historical stock prices, with other relevant market and economic data.
With the power of machine learning algorithms , you can uncover patterns and insights that were previously hidden in the vast amounts of market data!!!
Register


BLITZ
The Computer Science Society
Keshav Mahavidyalaya
University of Delhi
BLITZKREIG'23
presents
AI TANK
Pitch your AI-powered business idea
24 March | 10:30 AM
REGISTER NOW
Harshita: 9307511758
We believe that AI has great potential to revolutionize the way we approach some of the world's most pressing issues, from healthcare and education to environmental sustainability and social justice.
Participants will have the opportunity to present their startup ideas on AI for good to a panel of judges and a diverse audience of fellow entrepreneurs. Let's unleash the power of AI for good and create a more inclusive and sustainable world!
Register

WEBOPOLY SPREE
A Web Development Event
24 March | 12:30 P.M.
BLITZKRIEG '23
Register Here
blitzkriegkmv.tech/
@blitzkmv
Venue
Lecture Hall 3
BLITZ
The Computer Science Society
Keshav Mahavidyalaya
University of Delhi
Student Co-ordinators
Shruti - 9711350124
Shashank - 9696844764
Monopoly has been entertaining families and friends for generations, but what happens when you add a web development challenge to the mix?
Participants are to bring their laptop equipment along with them.
The competition comprises TWO phases.
Phase 1: Webopoly - One player from the team of two will play a game named Webopoly inspired by Monopoly.
Phase 2: Web Development - The team will build a Home page for the websites using the elements they bought in Phase 1.
Register

BLITZ
The Computer Science Society
Keshav Mahavidyalaya
(University of Delhi)
24 March
12:30 PM
Register now:
BLITZKRIEG '23
Bring OTT characters to life via digital-art
Stream Draw
Smrati: 9621725798
Nancy: 9260938565
Step into the futuristic world of digital art, where technology and creativity intertwine, and imagination knows no limits!
Brace yourself for an upcoming digital art event like no other, featuring an over-the-top (OTT) theme that will leave you in awe!
Whether you possess the artistry of a graphic design guru, the skill of a seasoned illustrator, or the wizardry of an animation master, we eagerly anticipate seeing your most awe-inspiring creations.
Register

ministry of magic
DEBATING COMPETITION
24 march | 12:30 p.m
BLITZKRIEG '23
be an advocate for the trending chatgpt
BLITZ
The Computer Science Society
Keshav Mahavidyalaya
University of Delhi
Student Co-ordinators
Simrat Deol - 9013027661
Rahul Arora- 9017242425
Priyanshi Jain- 9625317445
As the world continues to evolve and technology becomes increasingly advanced, many wizards are beginning to wonder about the impact of artificial intelligence on their community..
The Ministry of Magic is proud to host a thrilling debating competition that promises to spark a heated discussion among the wizarding community. The topic of this year's competition is "Is CHATGPT a threat to wizards and technical jobs?"
ChatGPT, a cutting-edge language model developed by Muggles, has been making waves in the wizarding world for the power it holds.
We invite you to join us and showcase your debating skills and awaken your inner Potterhead.
Register



The annual technical festival of the Department of Computer Science, BLITZKRIEG, was held at Keshav Mahavidyalaya, University of Delhi, on March 24th, 2023, from 10:00 AM to 6:00 PM, encompassing a wide range of technical and non-technical events. The festival commenced with an inauguration ceremony hosted in the college's seminar hall. Simrat Deol and Diksha Singh, the President and Secretary respectively of the BLITZ Society hosted the entire ceremony eloquently. The esteemed dignitaries who graced the event were; respected Principal, Prof. Madhu Pruthi, senior-most teacher of the Department of Computer Science, Prof. Priti Sehgal, Convenor BLITZ, Dr. Roli Bansal, Convener e-Blitzine, Dr. Anjali Thukral, Teacher-In-Charge, Ms. Maulein Pathak, and all other members of teaching and non-teaching staff. Prof. Madhu Pruthi, along with the other dignitaries, commenced the event by lighting the lamp ceremoniously. She congratulated the entire organizing team while addressing the gathering and shared her valuable insights. Prof. Priti Sehgal and Ms. Maulein Pathak also shared their kind and motivating thoughts with the audience. Subsequently, Dr. Anjali Thukral, the convenor of team e-Blitzine, invited the dignitaries for the inauguration of the departmental magazine for the year 2023. The theme for this year's magazine is "Information Age 2.0" which

encapsulated the convergence of cutting-edge technologies such as Artificial Intelligence (AI), Internet of Things (IoT), 5G networks, and decentralized technologies like Blockchain.

The inauguration ceremony concluded with a vote of thanks from the society's Convener, Dr. Roli Bansal. After the inauguration, the organizing committee commenced the main events of the festival. These events were conducted simultaneously in a three-tiered manner.

The first set of events comprised the coding competition '*Code Duel*', the AI-based business pitching competition '*AI Tank*', and the digital art competition '*Stream Draw*'. Code Duel provided an exhilarating platform for tech enthusiasts to test their coding abilities through a series of challenges. AI Tank fused business with technology, allowing participants to present their AI-driven startup ideas to a panel of judges and an audience of fellow entrepreneurs. The Stream Draw captivated participants who possessed artistic skills, challenging them to design characters from the world of over-the-top (OTT) media using graphic design and illustration techniques.

The second set of events commenced in the afternoon and included the web development event '*Webopoly Spree*', the Harry Potter-themed debating competition '*Ministry of Magic'*, and the machine learning-based competition '*Trading Titans*'. Webopoly Spree cleverly merged the board game Monopoly with web development, evoking childhood nostalgia while emphasizing innovation and technology. Participants had to build their web development toolkit while playing the game of Monopoly and subsequently employ those tools to construct a website. The Ministry of Magic, based on the world of Harry Potter, organized a spirited

debating competition in the form of a trial, igniting passionate discussions among participants from the wizarding community. The topic for this year's competition was "*Is ChatGPT a threat to wizards and technical jobs*?". Trading Titans evaluated participants' skills in utilizing machine learning algorithms to predict stock prices.

Following these events, the third set consisted of a gaming competition on '*Valorant*' and an eagerly anticipated treasure hunt called '*Creepy Crypt Hunt*'. The Valorant showdown catered to aspiring gamers who shared a profound passion for gaming and its associated culture.

Participants were tasked with collaborating effectively, leveraging the unique abilities of diverse in-game characters to outmanoeuvre and outsmart the opposing team. The highly anticipated Creepy Crypt Hunt, inspired by the popular Netflix series "Wednesday", witnessed an overwhelming participation. To succeed, participants needed to tap into their inner Wednesday Addams, employing their psychic abilities to decipher hints provided through QR codes. The hunt comprised two rounds, with the first round featuring a crossword puzzle for the teams, and the second round culminating in the final treasure hunt where teams had to locate the ultimate treasure known as the "*Thing*".

After a delightful experience at the events, the organizing team concluded the festival with a prize distribution ceremony. The winners of respective events were awarded with certificates and generous cash prizes.

Having conducted the festival online for the past two years, the society expressed gratitude for the successful offline execution of BLITZKRIEG. Tech wizards and enthusiasts from across the University of Delhi flocked to the event, demonstrating their keen interest. The theme-based events provided an enjoyable platform for tech-savvy individuals to showcase their skills, while also introducing non-technical participants to the world of technology in a fun-filled manner.