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 endeavour, 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 23-24

Faculty Coordinators: Dr. Roli Bansal (Convener), Dr Namita Aggarwal, Ms. Nidhi Passi, 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	Shruti Sharma	2110887	III
Secretary	Rahul Arora	2216063	II
Treasurer	Shashank Deep	2110874	III
Senior Executive	Simran Dureja	2110889	III
Senior Executive	Jatin Puri	2110898	III
Senior Executive	Priyanshi Jain	2216120	II
Senior Executive	Nancy Gupta	2216052	II
Executive	Sourabh Pal	2216110	II
Executive	Aleesha Singh	230308	I
Executive	Jalaj Kumar	230345	I
Executive	Kanishka Rai	230348	I

(BLITZ Society Events conducted in the academic year 2023-24)

S.No.	Event Name	Date
1.	Career Opportunities in Cyber Security	19/10/23
2.	Coding Competition - Code Xcelerator	06/11/23
3.	WebDev Kickstart	03/02/24
4.	Roadmap to Competitive Coding	08/02/24
5.	Streamline Your Research with LaTeX	10/02/24
6.	Artificial Intelligence (AI) and Machine Learning (ML)	15/02/24
7.	BLITZKRIEG' 24	21/03/24

1. Career Opportunities in Cybersecurity

On October 19, 2023, BLITZ, the Computer Science society of Keshav Mahavidyalaya, organized a seminar on the topic "Career Opportunities in Cyber Security," featuring Mr. Rajiv Khandelwal as the keynote speaker. A former student from the 1995-1998 batch, Mr. Khandelwal currently holds the position of Global Delivery and Practice Head in the field of Cybersecurity at Tata Advanced Systems. With more than two decades of practical experience, he is a highly accomplished leader in the realm of cyber security.

The speaker introduced subjects such as the integration of Confidentiality, Integrity, and Availability and stressed their significance within the cyber security field. He delved into a comprehensive exploration of the cyber security concept, shedding light on cyber-attacks targeting not only numerous corporate entities worldwide but also governmental organizations. The speaker also addressed the topic of cyber security standards and regulations and provided a comprehensive list of various career prospects within the realm of cyber security, encompassing data security, application security, network security, system security, and mobile security among many others. Additionally, he offered valuable insights on protecting users from cyber threats on social media platforms and unfamiliar URLs. The speaker actively engaged with the audience through thought-provoking questions, encouraging students to think creatively. The seminar culminated in a productive question-and-answer session.

2. Coding Competition – Code Xcelerator

First Position winners

On November 6, 2023, BLITZ, the Computer Science Society of Keshav Mahavidyalaya, organized a coding competition "Code Xcelerator" to foster a spirit of innovation and problem-solving among students, encouraging them to apply their coding skills to real-world challenges. The competition's duration was 1 hour and 30 minutes and it was a team event. There was a participation from 18 teams across all years as well as other departments of the college. The competition was conducted in the Computer Labs of the Department of Computer Science. The first position was bagged by Prashant Mishra and Prateek Badola from 3rd Year, second position was secured by Nitish Thakur and Sachin Sharma from 2nd Year and the third position was secured by Tejas Goel and Vivek Dubey from 1st year, all belonging to B.Sc. (Hons.) Computer Science. The competition proved to be a resounding success.

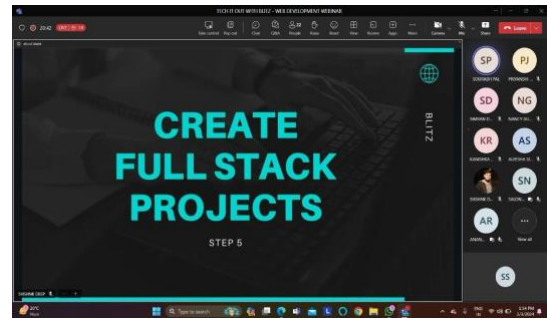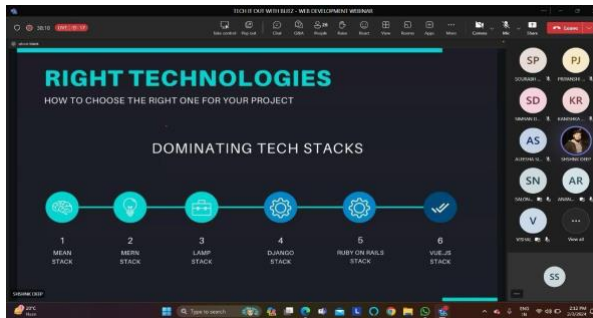**3. "TECH-IT-OUT with BLITZ" Series**   **03rd February 2024 - 15th February 2024**

"TECH-IT-OUT with BLITZ" series offered a comprehensive learning experience for participants, covering a diverse range of topics in technology and fostering a culture of innovation and skill development within the college community. Through engaging sessions and practical demonstrations, attendees were equipped with the knowledge and tools to thrive in the dynamic field of technology. The following events were conducted as part of this series:

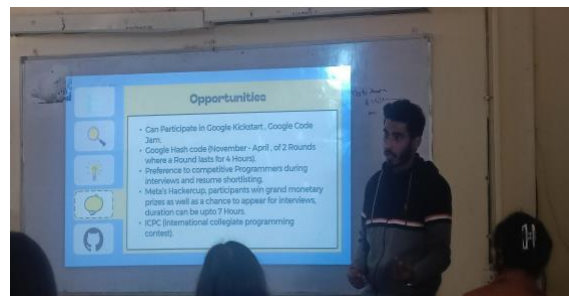- Episode 1: **WebDev Kickstart**   **Date-3rd February 2024**
  The series kicked off on February 3rd, 2024 with the webinar. This session was tailored to introduce participants to the foundational concepts of web development. Shashank Deep, Treasurer and Sourabh Pal, Executive provided insights into the web development industry, emphasizing internships, technologies, job prospects, projects, and opportunities available in the field. They explained the components of web development, namely Frontend, Backend, and Database and elucidated a comprehensive learning roadmap.

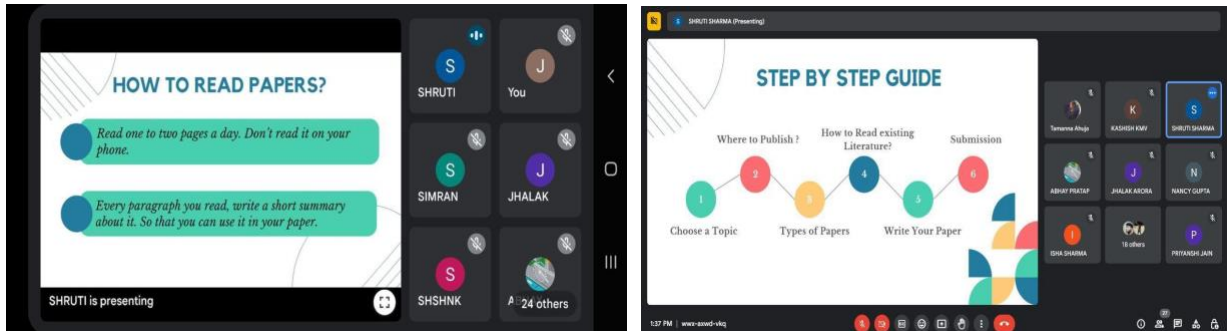- Episode 2: **Roadmap to Competitive Coding**   **Date-8th February 2024**
  This seminar aimed to equip participants with the necessary skills and strategies to excel in coding competitions. Simran Dureja and Jatin Puri, Senior Executives shared valuable tips on algorithmic problem-solving, data structures and time management techniques. Through real-world examples and practice problems, attendees learned how to approach coding challenges effectively and enhance their problem-solving abilities.

- Episode 3: **Streamline Your Research with LaTeX**   **Date-10th February 2024**

  LaTeX has emerged as a preferred typesetting system for academic and scientific documents due to its versatility and professional formatting capabilities. In this session, participants learned how to leverage LaTeX to create high-quality research papers, reports and presentations. Shruti Sharma, President and Nancy Gupta, Senior Executive explained topics such as document structure, formatting styles and the importance of research papers. Live demonstrations were also presented, enabling the students to streamline their research workflow and produce polished academic documents.

- Episode 4: **Artificial Intelligence (AI) and Machine Learning (ML)**   **Date-15th February 2024**

  With AI and ML revolutionizing various industries, this seminar aimed to provide participants with insights into the latest advancements, applications, and career opportunities in these fields. Shruti Sharma, President, Rahul Arora, Secretary and Priyanshi Jain, Senior Executive discussed fundamental concepts of AI and ML, including supervised and unsupervised learning, neural networks, and deep learning. Attendees gained an understanding of how AI and ML technologies are transforming industries such as healthcare, finance, and transportation. The seminar also highlighted the importance of ethical considerations and responsible AI deployment in today's digital age. Speakers also highlighted the available career opportunities in these domains and the ways to acquire necessary skills for the same.

4. BLITZKRIEG'24   21st March 2024

The Annual Festival of the Department of Computer Science at Keshav Mahavidyalaya, University of Delhi, unfolded on March 21st, 2024, from 10:00 a.m. to 6:00 p.m., offering a diverse array of captivating technical and non-technical activities.

The activities began with Ms. Nidhi Aggarwal, alumnus of the Computer Science department, currently working at Adobe Systems, delivering her thought-provoking views in the speaker session on the topic "GenAI: Navigating the Impact and Charting a Path Forward." This was followed by a large number of IT related competitions in which students participated enthusiastically and won attractive prizes.