



**BABU BANARASI DAS
UNIVERSITY**



School of Computer Applications



Lakshya Annual Report

Team Lakshya

Introduction

A spirited and ambitious team dedicated to pursuing excellence and reaching our collective goals. Founded on the principles of passion, perseverance, and teamwork, Team Lakshya strives to transcend boundaries and achieve remarkable feats in our chosen endeavors.

Welcome to Team Lakshya, where dreams become goals, and goals become our reality.

Preamble

The Students Forum of BBD University is a selected representation of the students community. The purpose of the forum is to serve as a welfare body formed for the benefit of the students community.

Aims and Objectives

- **Promote Collaboration and Innovation:** Foster teamwork, creativity, and determination among students.
- **Maximize Potential:** Empower students to reach their highest academic and personal goals.
- **Encourage Growth and Engagement:** Support personal development and community involvement.
- **Inspire Excellence and Contribution:** Motivate students to excel and positively impact society.

Glimpse of Events Organized by **LAKSHYA**

AUGUST 2021

Event Name: ONLINE QUIZ

Date: 20-08-2021

Team Lakshya organized an exciting online quiz that allowed participants to test their knowledge and engage in competitive fun. The quiz was designed for individuals with a keen intellect, featuring a wide range of questions that perfectly fit the category of "tough but interesting." Whether you were a trivia enthusiast eager to test your mettle or someone looking to brush up on a variety of peculiar facts spanning centuries, this event was both rewarding and enjoyable. Participants had the chance to showcase their skills and compete against others in this adrenaline-pumping contest.

SEPTEMBER 2021

Event Name: GROUP DISCUSSION ON IMPACT OF COVID-19 ON INDIA

Date: 03-09-2021

Team Lakshya conducted an informative group discussion on how COVID-19 has affected India. There was a vivid exchange of ideas among the participants while assessing the effects of the pandemic on various spheres of the nation, like its economy, health, education, and social dynamics. The discussion brought out the real challenges the country had gone through and the fighting spirit it exhibited during those difficult times. Through the session, they learned more about how the pandemic had shaped India's present and was going to continue influencing its future.

APRIL 2022

Event Name: EXPERT LECTURE ON MANAGERIAL SCOPE OF COMPUTER

Date: 08-04-2022

The managerial scope of computers refers to how computers are used to enhance and streamline management practices within an organization. This includes utilizing computer systems for tasks like data analysis, project management, and communication, which helps managers make more informed decisions, improve efficiency, and drive productivity. By integrating advanced software and tools, managers can better plan, execute, and monitor various business processes, ultimately leading to more effective and responsive management strategies.

Event Name: WORKSHOP ON PYTHON AND DJANGO DEVELOPMENT

Date: 22-04-2022

The workshop on Python and Django development took place recently. The session offered hands-on guidance on the fundamentals of Python programming and the use of Django, a powerful web framework, for building dynamic and scalable web applications. Participants, whether they were beginners or those looking to refine their skills, benefited from practical insights and real-world examples. It was a great opportunity for everyone to enhance their development skills and network with others in the field.

MARCH 2022

Event Name: EXPERT LECTURE ON ALGORITHM TECHNIQUES

Date: 11-03-2022

The expert lecture on algorithm techniques was held, offering an in-depth exploration of various algorithmic strategies. The session covered a range of topics, from fundamental algorithms to advanced techniques, providing attendees with valuable insights into solving complex problems efficiently. Participants gained practical knowledge and a deeper understanding of how to apply these techniques to real-world scenarios, making it a highly informative and engaging experience.

Event Name: WORKSHOP ON MERN STACK

Date: 28-03-2022

The workshop on the MERN stack, organized by Team Lakshya, took place recently and was a great success. Participants were introduced to the MERN stack—MongoDB, Express.js, React, and Node.js—through practical, hands-on sessions. The workshop covered everything from setting up a development environment to building full-stack applications, equipping attendees with valuable skills and insights. It was an excellent opportunity for everyone to learn about this popular technology stack and connect with others in the field.

AUGUST 2022

Event Name: CLOUD COMPUTING AND SAAS TRENDS

Date: 05-08-2022

The seminar on cloud computing and SaaS trends provided valuable insights into the evolving landscape of these technologies. The session explored the latest advancements in cloud computing, including new deployment models and innovations, and examined the growing role of Software as a Service (SaaS) in modern businesses. Attendees gained a deeper understanding of how these trends are shaping the future of technology and how organizations can leverage them to stay competitive and efficient. It was a highly informative event that offered practical knowledge and future-oriented perspectives.

SEPTEMBER 2022

Event Name: SEMINAR ON DIGITAL ERA OF FINANCE

Date: 22-09-2022

The seminar on the digital era of finance was held recently and provided a comprehensive look into how technology is transforming the financial sector. The event covered emerging trends like digital payments, blockchain, and fintech innovations, highlighting how these advancements are reshaping financial services. Participants gained valuable insights into the impact of digital technologies on finance and how they can navigate and leverage these changes effectively. The seminar was a great opportunity for attendees to stay updated on the latest developments and trends in the financial industry.



Event Name: ORIENTATION LECTURE

Date: 23-09-2022

The orientation lecture, organized by the team, was held recently and aimed to provide new participants with a comprehensive introduction. The session covered key topics, including the goals of the program, important policies, and available resources. Attendees had the chance to familiarize themselves with the structure and expectations, setting a solid foundation for their journey ahead. It was an informative and welcoming event that helped everyone feel prepared and motivated for what was to come.



OCTOBER 2022

Event Name: ORIENTATION PROGRAMME

Date: 18-10-2022

The orientation program, organized by Team Lakshya, took place recently and was a great success. The event provided new members with an overview of the program's objectives, key procedures, and available resources. Through engaging presentations and interactive sessions, attendees were introduced to essential information and given the tools they needed to start their journey confidently. The program was well-received and helped everyone feel welcomed and prepared for the challenges ahead.

Event Name: WORKSHOP ON AUGMENTED REALITY & VIRTUAL REALITY

Date: 27-10-2022

The workshop on Augmented Reality (AR) and Virtual Reality (VR) took place recently and was a fascinating experience. Attendees explored the latest advancements in AR and VR technologies through hands-on demonstrations and interactive sessions. The workshop provided practical insights into how these immersive technologies can be applied across various fields, from gaming to education and beyond. Participants left with a deeper understanding of AR and VR and how they can leverage these technologies in their own projects and industries.

NOVEMBER 2022

Event Name: SOFTWARE EXHIBITION

Date: 12-11-2022

The software exhibition was held recently, and it was an exciting showcase of student innovation. Many students participated, displaying a diverse range of projects that highlighted their creativity and technical skills. The exhibition provided a platform for them to present their work, receive feedback, and engage with peers and industry professionals. It was an exciting event that celebrated the students' hard work and offered valuable opportunities for networking and learning.

JANUARY 2023

Event Name: BULLETIN BOARD DECORATION COMPETITION

Date: 14-01-2023

The bulletin board decoration competition took place recently and was a vibrant display of creativity and team spirit. Participants transformed ordinary bulletin boards into eye-catching displays with imaginative themes and designs. The competition showcased a range of artistic talents and clever ideas, making it a visually engaging event. Judges and attendees were impressed by the originality and effort put into each entry, and the event successfully highlighted the participants' artistic skills and enthusiasm.

FEBRUARY 2023

Event Name: GROUP DISCUSSION

Date: 15-02-2023

The group discussion was held recently and saw enthusiastic participation from many students. Each participant contributed their perspectives on the chosen topic, leading to a lively and insightful exchange of ideas. The discussion provided a platform for students to express their viewpoints, engage in meaningful dialogue, and gain diverse insights from their peers. It was a productive session that highlighted the students' critical thinking and communication skills.

MARCH 2023

Event Name: STUDENT'S PRESENTATION

Date: 15-02-2023

The students' presentation took place and was a remarkable display of talent and preparation. Each student delivered their presentations with clarity and confidence, covering a variety of topics. The session provided an opportunity for students to showcase their research, engage with their audience, and receive constructive feedback. Overall, the presentations were well-received and demonstrated the students' hard work and dedication.

APRIL 2023

Event Name: CAREER COUNSELLING SESSION

Date: 06-04-2023

The career counseling session was held and offered valuable guidance to attendees exploring their professional paths. Experts shared insights on various career options, industry trends, and necessary skills, helping participants gain clarity about their future goals. The session also included personalized advice and interactive discussions, providing attendees with practical tools and strategies for making informed career decisions. It was a helpful and informative event that supported individuals in shaping their career trajectories.

MAY 2023

Event Name: REMOTE WORK TECHNOLOGIES AND DIGITAL COLLABORATION

Date: 10-05-2023

The seminar on remote work technologies and digital collaboration, organized by Team Lakshya, took place recently and was a great success. The session explored the latest tools and strategies for effective remote work and digital teamwork, covering topics like virtual communication platforms, project management software, and best practices for remote collaboration. Participants gained valuable insights into how these technologies can enhance productivity and streamline workflows. The event was highly informative and provided attendees with practical tips for thriving in a remote work environment.

JUNE 2023

Event Name: DATA SCIENCE AND ANALYTICS

Date: 09-06-2023

The seminar on data science and analytics was held and provided a deep dive into the world of data-driven decision-making. Experts shared insights on the latest techniques in data analysis, machine learning, and statistical methods. Attendees learned how to harness data to uncover trends, make informed decisions, and drive business success. The session was both engaging and educational, equipping participants with practical knowledge to apply in their own data-driven projects.

AUGUST 2023

**Event Name: ORIENTATION PROGRAM FOR FIRST YEAR
STUDENT**

Date: 25-08-2023

The orientation program for first-year students was conducted and served as an essential introduction to college life. New students were welcomed and guided through key aspects of their academic and social journey, including campus resources, study strategies, and student services. The program offered a chance to meet peers, learn about various clubs and activities, and gain valuable tips for a successful start. It was an informative and supportive event that helped students feel more comfortable and prepared for the year ahead.

OCTOBER 2023

Event Name: CYBER SECURITY AND ETHICAL HACKING

Date: 13-10-2023

The seminar on cyber security and ethical hacking, organized by Team Lakshya, took place and offered a comprehensive overview of crucial topics in the field. Experts discussed various aspects of cyber threats, protection measures, and the ethical considerations involved in hacking practices. Attendees gained valuable insights into how to safeguard systems and data from potential attacks while understanding the ethical boundaries of hacking. The event was both informative and engaging, equipping participants with essential knowledge to enhance their cyber security skills.



**Event Name: REMOVING BARRIERS WITH TECHSMITH
CAMTASIA SOFTWARE**

Date: 30-10-2023

The workshop on removing barriers with TechSmith Camtasia software was held and provided an in-depth look at how to effectively use the tool for creating engaging video content. Participants learned how to navigate Camtasia's features, including screen recording, video editing, and adding interactive elements. The session focused on overcoming common challenges in video production and improving content accessibility. Attendees left with practical skills and techniques for leveraging Camtasia to enhance their multimedia projects.



NOVEMBER 2023

Event Name: HIGH QUALITY WEB DEVELOPMENT USING DJANGO

Date: 08-11-2023 to 09-11-2023

The workshop on high-quality web development using Django was conducted and offered an in-depth exploration of building robust web applications with the framework. Participants learned best practices for Django development, including efficient coding techniques, optimizing performance, and ensuring security. The session provided hands-on experience and practical tips for creating scalable and maintainable web solutions. Attendees walked away with a stronger grasp of Django's capabilities and how to apply them to achieve high-quality web development.



DECEMBER 2023/JANUARY 2024

Event Name: STUDENT-INDUSTRY CONNECT PROGRAM

Date: 28-12-2023, 03-01-2024, 04-01-2024

The Student-Industry Connect program was held and provided a valuable platform for students to engage with industry professionals. The event featured networking opportunities, insightful talks, and panel discussions on industry trends and career advice. Students gained firsthand knowledge about various fields, explored potential career paths, and built connections with experts in their areas of interest. It was an enriching experience that bridged the gap between academic learning and real-world industry practices.

MARCH 2024

Event Name: MOBILE APPLICATION DEVELOPMENT USING FLUTTER

Date: 04-03-2024

The workshop on mobile application development using Flutter was conducted and offered a comprehensive introduction to building cross-platform apps with the framework. Participants explored Flutter's features, including its widget-based architecture and hot reload capabilities, and gained hands-on experience in creating visually appealing and performant mobile applications. The session provided practical insights and techniques for leveraging Flutter to streamline app development and enhance user experiences. Attendees left with a solid understanding of Flutter and the skills to apply it to their own projects.

Event Name: EXPERT LECTURE

Date: 15-03-2024

The expert lecture for college students took place and provided an engaging and informative session on a relevant topic. The speaker shared valuable insights and practical knowledge, offering students a deeper understanding of the subject matter. The lecture encouraged interactive discussions, allowing students to ask questions and explore real-world applications. It was a stimulating experience that enriched the students' academic perspectives and broadened their horizons.

APRIL 2024

Event Name: SOFTWARE EXHIBITION

Date: 26-04-2024

The software exhibition was held recently, and it was a vibrant showcase of student innovation. Many students participated, displaying a diverse range of projects that highlighted their creativity and technical skills. The exhibition provided a platform for them to present their work, receive feedback, and engage with peers and industry professionals. It was an exciting event that celebrated the students' hard work and offered valuable opportunities for networking and learning.



MAY 2024

Event Name: CAREER COUNSELING SESSION

Date: 02-05-2024

The career counseling session was held and offered students valuable guidance on navigating their professional paths. Experts provided insights into various career options, industry trends, and essential skills needed for success. The session included personalized advice and interactive discussions, helping students clarify their goals and make informed decisions about their future. It was a constructive and motivating event that equipped attendees with the tools to shape their career trajectories effectively.

Event Name: IBM DAY TECHNOVATE 2024

Date: 09-05-2024

IBM Day Technovate 2024 was organized by IBM for students and provided an exciting platform to explore cutting-edge technology and innovation. The event featured presentations from IBM experts, hands-on workshops, and interactive sessions on the latest tech trends and developments. Students had the opportunity to engage with industry leaders, work on real-world challenges, and gain insights into future career paths in technology. It was an inspiring and educational experience that sparked interest and enthusiasm among the participants.

Event Name: COMPUTER NETWORK AND SECURITY

Date: 16-05-2024

The seminar on computer network and security, organized by Team Lakshya, took place and provided a thorough overview of critical topics in the field. Experts covered various aspects of network infrastructure, security protocols, and strategies to protect systems from cyber threats. Attendees learned about best practices for securing networks, managing vulnerabilities, and responding to potential attacks. The event offered valuable insights and practical knowledge, helping participants enhance their understanding of network security and its importance in today's digital landscape.

Event Name: YOGA PRACTICE SESSION

Date: 30-05-2024

The yoga practice session was conducted and offered participants a peaceful and rejuvenating experience. The instructor guided everyone through a series of poses and breathing exercises aimed at improving flexibility, strength, and mindfulness. The session created a calming atmosphere where attendees could relax, focus on their well-being, and connect with their inner selves. It was a refreshing break that left everyone feeling revitalized and more centered.