



**Report on Industrial Visit to Tech Booster and exposure trip to
Kaziranga National Park and Kaziranga National Orchid Park
(1st March, 2025 - 03rd March, 2025)**



**Department of Computer Science
Lady Keane College, Shillong.**

Content	Page No.
Report	2-4
Participants	5
Expenditure statement	6
Photographs	7-14

Report On Industrial Visit to Tech Booster and exposure trip to Kaziranga National Park and Kaziranga National Orchid Park

Introduction

The industrial visit to Tech Booster, Guwahati, is followed by the exposure trip to Kaziranga National Park, Assam. This trip will provide 6th semester BCA students with a holistic learning experience that goes beyond technical knowledge. It offers an opportunity to develop soft skills like teamwork and communication, gain awareness about environmental sustainability, and understand how technology can intersect with fields like eco-tourism and wildlife conservation. The trip also allows for mental rejuvenation after a demanding academic schedule and helps students appreciate the cultural and ecological richness of the region, making the overall tour both educational and enriching. They will also create a lifetime memory during their time at Lady Keane College and impacted their lives in the future.

This report describe the industrial visit to Techbooster in Guwahati, and exposure trip to Kaziranga National Park and Kaziranga National Orchid Park. The trip was a combination of technological learning, wildlife exploration and cultural experiences. The whole trip was both educational and enjoyable. The trip took place between 1st March, 2025, to 03rd March, 2025. A group of 30 students from the 6th Semester, BCA Course, and 5 staffs of the college which include 3 teachers and 2 non-teaching staffs departed from Lady Keane College on the 1st March, 2025, at 6:54 AM, and reaches Guwahati at 11 AM.

Day 1: Industrial visit to TechBooster, Guwahati.

We were warmly received by the company management team when we arrived at 11 AM. The programme at TechBooster was held on the 1st March, 2025, at 11 30 AM. On the first day of the exposure trip, an industrial visit to TechBooster, Guwahati, was arranged for the students and teachers. TechBooster is one of the premier training institute offering courses in data science, networking and full stack development.

PURPOSE: The main purpose of this trip was to gain practical knowledge and explore the latest developments in the field of Artificial Intelligence (AI) and internet of things (IoT). And how AI and IoT are integrated to drive intelligent systems.

AIMS AND OBJECTIVES: Through this trip, students and teachers gain the understanding about real world applications, future scope, challenges and ethical aspects of AI and IoT.

SESSIONS: The experts from TechBooster conducted insightful sessions on Artificial Intelligence (AI) and Internet of Things (IoT).

Artificial Intelligence (AI): The session with AI starts with the introduction on the concept of AI, a glimpse into the future of technology, and how AI has revolutionized

industries. He highlighted several key fields such as Data Science, Data Analytics, Data Engineering, and Data oriented careers, that one can pursue for higher education and careers. He emphasized on the importance of mastering the concepts of programming language and machine learning techniques to be confident in pursuing careers on data related fields. He introduces various AI tools like Gamma, ChatGPT, MID Journey, Resemble AI, Adobe Express, and Camia/ MSWord. Application on the real working of AI powered project such as image recognition, face detection, and chatbots was also discussed. Hands on sessions on how to use AI for developing PowerPoint presentations was fun, knowledge-based, and very interesting. The sessions on face detection, where AI can generate fake pictures and how to identify between fake and authentic pictures, was an eye opener and teaches us to be careful on trusting people on the online platform, leading us to make careful decisions and be always safe. The whole sessions was very much interactive, knowledgeable, and fun filled. The sessions ends with a discussion on positive and negative impact of AI.

Internet of Things: The IoT session starts with the introduction to Arduino and demonstrate the connection of the various components in the Arduino bread board, pin connection to the board, working mechanism of the power supply, and the motor driver. He also explain the role of different pins, voltage requirements, and how to control the system using a mobile phone with C++ programming. The sessions then focused mainly on the detailed demonstration and discussion on one of their IoT project on "Bluetooth of car control." The explained about the concept, design, and implementation, on the mechanics of the Arduino-inspired motor car and its connectivity using a smartphone app "Roboboy App" via Bluetooth connectivity, written in C++ language, on the Arduino IDE. Hardware and software components used in the project, micro controllers, sensors, and Bluetooth modules was thoroughly discussed which was impressive and informative. The actual working of the Bluetooth motor controllers was impressive and excellent.

This mark the end of Day 1 of our trip

Day 2: Exposure trip to Kaziranga National Park and Kaziranga National Orchid Park

On the second day of the trip, we embarked on a thrilling jeep safari at the Kaziranga National Park, a renowned wildlife sanctuary located at Assam. During the safari, we witnessed the park's wildlife including wild buffaloes, elephants, deer, monkeys, rhinoceros, turtles, and other bird species. The diversity of wildlife in the park was impressive, and we learned about the park biodiversity and its role in preserving endangered species. The safari guide gave us a good insight about the park ecosystem and told us about the story of a death rhino whom they now make a statue at the entrance of the park for a memorial. While in the ride, we observed cleanliness and good maintenance of the park to protect the wildlife habitat.

In the afternoon, we visited the Kaziranga National Orchid Park and experienced the beauty of the garden. The park offered a delightful blend of nature and culture with a fascinating glimpse into the rich floral diversity of Assam in a vibrant orchid greenhouse, a museum showcasing the region's rich heritage and culture, traditional dances, tree house offering a scenic view of the surroundings, children's park providing a recreational space for visitors. It was an educational and inspiring journey fostering a deep appreciation to Assam's natural heritage. In the surrounding area of the park, there was a market with traditional items which added charm to the place. The local market sells traditional handicrafts and souvenirs where people can buy items and take them home as a memorial of visiting the place.

Day 3

On the third day in the morning, the bus was ready to pick us up from the Guest House and start our journey from Kaziranga to way back home. We surely missed the trip and wish to get for another chance to experience another wonderful trip as such.

Conclusion

The trip was an enriching experience combining technological learning with nature and cultural exploration. The visit to Tech Booster provided us an insightful look into how emerging technology such as AI and IOT are shaping the future of industries. The visit to Kaziranga National Park and the Kaziranga National Orchid Park was a memorable experience, providing a deep appreciation for the natural world, the environment as well as the traditional tools and culture in Assam. Overall, this study tour was truly educational and a memorable experience offering a perfect balance of innovation and nature exploration. The trip has also brought each one of us closer as a group. At the end, we would like to thank the Principal of the College and the Department of Computer Science for giving us the opportunity to experience such an amazing trip.

PARTICIPANTS

BCA Semester VI		
Sl. No	Roll No.	Names
1	1	AIBITA SHABONG
2	2	ALISHA LYNGDOH NONGKYNRIH
3	3	ANUSKA CHETRI
4	4	BADAPHIRA SUTING
5	6	CAREFULLY MASHARING
6	8	DAKARUSHWA SUCHIANG
7	10	EMISAKA CHALLAM
8	11	IBALARISUK RYNTATHIANG
9	12	ISHA LAMA
10	13	KIMRESIL S MARAK
11	14	KYNTISHA JANA
12	16	LASHIMTILANG KHYRIEMMUJAT
13	17	LIBIKA KHARSATI
14	18	MATTIKORLANG SUTING
15	20	MISHALIN MAWLONG
16	22	NICHWAKI SYNGKON
17	23	PHERRILIN NONGRUM
18	25	PHIBANKERLANG KHARKANGOR
19	26	PHIBAWANSHA BINA
20	27	PHILARI MANIH
21	28	PURNANKI DAS
22	29	RIBAKMENLANG LYNGDOH NONGPHUD
23	30	RIDORKI SUCHIANG
24	33	SAPHISHA TARIANG
25	34	SHARAILIN NONGKHLAW
26	35	SILAN MARBANIANG
27	36	SIMALIN NONGRUM
28	37	SOLAGRACIA RAMSIEJ
29	38	SRINJONI DEY
31	41	WADAHUN BAREH

TEACHERS	
Sl. No	Names
1	Mrs. Lizia Sahkhar
2	Ms. Darihunlang Mawiong
3	Dr. Deswyn G Marbaniang

4	Mr. Fabian Dhar
5	Mr. Dhan Bahadur Lama

EXPENDITURE

**Industrial Visit to Tech Booster and exposure trip to Kaziranga National Park
24.02.2025-27.02.2025**

Sanctioning Amount					200000
Sl. No	Particulars	Voucher No.	Date	Amount	
1	Business Session, Tech Booster, Guahati	6797	1.03.2025	4000	
2	Lunch, Punjabi Dhaba, Guahati	95	1.03.2025	9400	
3	Jeep Safari, Kaziranga Development and Jeep Safari Association, Kaziranga	99	03.02.2025	19800	
4	Kaziranga National Orchid Bio-Diversity Park	6925	02.03.2025	2000	
5	Kaziranga stay, bus fare, food & driver food	197	03.03.2025	156300	
6	Lunch, Punjabi Dhaba, Guahati	1990	5	5115	
7	Flex			177	
8	Certificates			602	
Total					197394
				Balance	2606

PHOTOGRAPHS

Photographs (Day 1 – Business session at Tech Booster)





Photographs (Day 2 – Visit to Kaziranga National Park)











Day 3 (Departure)





THANK YOU