



**India-Bhutan Foundation**  
sponsored  
**Student and Faculty Exchange Program**  
between  
**Jigme Namgyel Engineering College (JNEC),**  
**Royal University of Bhutan (RUB)**  
and  
**Sarvajnik College of Engineering and Technology (SCET),**  
**Sarvajnik University (SU)**  
(20 to 23 April, 2026)

**Title of Exchange Programme: AI and Cybersecurity Capacity Building and Cross-Cultural Collaboration through Student Exchange**



**Number of Participants from JNEC, Bhutan: 2 Faculty Members and 9 Students**

**Venue for theory Sessions: EC Seminar Hall, 1<sup>st</sup> Floor, SCET**

**Venue for Hands-on Sessions: Research Lab, Computer Engineering Department, SCET**

## ACKNOWLEDGEMENTS

We would like to express our profound gratitude to the **India-Bhutan Foundation** for sponsoring the *Student and Faculty Exchange Program*. This initiative, centered on “*AI and Cybersecurity Capacity Building and Cross-Cultural Collaboration through Student Exchange*,” provided an invaluable platform for academic enrichment and international collaboration.

We extend our sincere appreciation to **Jigme Namgyel Engineering College (JNEC)**, **Royal University of Bhutan (RUB)** for selecting **Sarvajanik College of Engineering and Technology (SCET)**, **Sarvajanik University (SU)** as the partner institute from India, and for entrusting **Ms. Tashi Yangchen, Mr. Sonam Phuntsho, and Dr. Mayuri Mehta** with the responsibility of coordinating this program.

We are deeply grateful to the **Sarvajanik Education Society** and **Sarvajanik University** for their unwavering support and institutional backing, which were instrumental in the successful execution of this program. We would like to place on record our special thanks to our beloved Principal of SCET, **Dr. Hiren Patel**, for his constant encouragement, visionary leadership, and commitment to fostering international academic collaborations.

We wish to acknowledge with great appreciation the contributions of the distinguished experts **Mr. Krapesh Bhatt, Prof. Tushar Gohil, Dr. Nirali Nanavati, Dr. Sarosh Dastoor, Dr. Mayuri Mehta, Dr. Dhatri Pandya, and Dr. Rachana Oza**, whose insightful sessions and expert guidance significantly enhanced our understanding of emerging domains in Artificial Intelligence and Cybersecurity.

We also extend our sincere thanks to **Dr. Hiren Shah**, along with the dedicated student volunteers **Mangalya, Rishi, Abhishek, Harsh** and all supporting staff members, whose meticulous planning, coordination, and efforts ensured the smooth conduct and overall success of the program.

Finally, we express our heartfelt gratitude to all faculty members, coordinators, and fellow participants for their cooperation, enthusiasm, and active engagement, which made this exchange program a truly enriching and memorable experience.

## OBJECTIVES OF THE STUDENT EXCHANGE PROGRAM

The prime objectives of organizing the cross-cultural student exchange program titled “*AI and Cybersecurity Capacity Building and Cross-Cultural Collaboration through Student Exchange*” were:

- **To build strong foundational as well as advanced practical knowledge** in the fields of Artificial Intelligence and Cybersecurity by engaging participants in expert-led lectures, interactive discussions, and comprehensive hands-on training sessions, thereby enabling them to understand both core principles and applied techniques.
- **To enhance understanding of real-world applications and emerging trends** by exposing participants to modern tools, technologies, and case-based learning approaches in AI and cybersecurity, while also emphasizing the importance of ethical practices, data privacy, and responsible technological usage in a rapidly evolving digital environment.
- **To strengthen technical competencies and problem-solving abilities** by effectively bridging the gap between theoretical concepts learned in classrooms and their practical implementation through guided laboratory sessions, demonstrations, and experiential learning activities.
- **To promote meaningful cross-cultural exchange and global interaction** between students of **Sarvajanik College of Engineering and Technology (SCET), Sarvajanik University (SU), India** and **Jigme Namgyel Engineering College (JNEC), Royal University of Bhutan (RUB), Bhutan**, thereby fostering mutual learning, respect, and understanding among participants from diverse academic and cultural backgrounds.
- **To encourage appreciation and respect for cultural diversity** by organizing various cultural programs, group activities, and informal interactions that allow participants to share their traditions, values, customs, and perspectives, thus strengthening intercultural awareness and sensitivity.
- **To develop essential soft skills and a global outlook** by promoting effective communication, teamwork, leadership, adaptability, and collaboration through joint academic exercises and cultural engagements, preparing participants to thrive in international and multidisciplinary environments.
- **To foster long-term academic, cultural, and institutional collaboration** between the participating institutions by building strong networks, encouraging future exchange opportunities, and laying the foundation for sustained partnerships in education, research, and innovation.

## DAY 1: 20 APRIL 2026

The first day of the program commenced with a **Meet and Greet session** from 9:00 AM to 10:00 AM, providing an opportunity for participants from **Jigme Namgyel Engineering College (JNEC)**, **Royal University of Bhutan (RUB)** and **Sarvajanik College of Engineering and Technology (SCET)**, **Sarvajanik University (SU)** to interact and establish initial connections.

The visiting delegation comprised **9 students and 2 faculty members from JNEC**, who were warmly received during the session. **Dr. Hiren Patel**, **Mr. Rohit Mehta**, and **Dr. Mayuri Mehta**, along with all the HODs extended a cordial welcome to the delegates, including **Tashi Yangchen Ma'am** and **Sonam Phuntsho Sir**, setting a positive and collaborative tone for the program.

This was followed by two insightful theory sessions conducted by **Mr. Krapesh Bhatt**, Founder of Evolution Info Secure, Surat. The sessions on *“Cybersecurity Essentials: Understanding Threats, Attacks & Defense”* and *“Cybersecurity in Practice: From Reconnaissance to Real-World Attacks”* provided participants with a comprehensive understanding of cybersecurity concepts and their real-world implications.

In the afternoon, **Prof. Tushar Gohil** conducted a hands-on session on *“Practical Cyber Defense with Wireshark and Nmap”*, where participants gained practical exposure to cybersecurity tools and techniques through guided demonstrations and exercises.

The day concluded with a **Gala Dinner at Avadh Utopia**, offering a relaxed and engaging environment for informal interaction, cultural exchange, and strengthening interpersonal connections among participants and leadership of Sarvajanik Education Society and Sarvajanik University.



## DAY 2: 21 APRIL 2026

The second day began with a **University Campus Visit** from 9:00 AM to 11:00 AM, during which participants were introduced to the infrastructure, laboratories, and academic environment of **Sarvajanik College of Engineering and Technology and Sarvajanik University as well.**

During the visit, participants explored the **114-year-old Sarvajanik Education Society campus**, gaining insights into its legacy and institutional development. The delegation also had the opportunity to meet the **Vice Chancellor of Sarvajanik University, Dr. Kiran Pandya**, which added significant value to the academic interaction and exposure.

This was followed by a theory session on *“AI and Machine Learning Fundamentals”* conducted by **Dr. Nirali Nanavati**, who provided a clear understanding of key AI concepts, algorithms, and their applications in modern technology.

Post lunch, **Dr. Sarosh Dastoor** conducted a hands-on session on *“Python for Basic Machine Learning”*, where participants engaged in practical coding exercises and basic model development, thereby enhancing their technical proficiency.

In the evening, a **Fashion Show and Musical Evening** was organized at the SCET Amphitheatre. As part of this vibrant event, **9 students and 2 faculty members from JNEC actively participated in the cultural fest “VERVE 2K26,”** showcasing their talents and cultural heritage. This event significantly strengthened cross-cultural bonding and created a lively and memorable experience for all participants.



### DAY 3: 22 APRIL 2026

The third day was dedicated to an educational and recreational visit to the **Statue of Unity**, one of India's most iconic landmarks and the world's tallest statue, standing at 182 meters and dedicated to Sardar Vallabhbhai Patel. The full-day excursion provided participants with an opportunity to explore the site, understand its historical and national significance, and engage in informal interactions outside the academic setting.

During the visit, participants also explored the **Jungle Safari**, where they observed a variety of exotic birds and wildlife, adding a unique and enjoyable dimension to the experience. The group also visited the **Sardar Sarovar Dam**, gaining insights into its importance while enjoying scenic views. The journey was filled with enthusiasm and fun, and participants relished local delicacies, making the trip both informative and delightful. This visit played a crucial role in fostering cultural exchange, team bonding, and shared experiences among students and faculty from both institutions.

In the evening, a **Cultural Evening** was organized at the SCET Amphitheatre. The event served as a platform for artistic expression and further strengthened mutual appreciation and intercultural understanding.



## DAY 4: 23 APRIL 2026

The final day of the program focused on advanced topics in Artificial Intelligence. The day began with a session on “*Generative AI: Recent Trends and Future Opportunities*” conducted by **Dr. Mayuri Mehta**, which provided insights into cutting-edge developments and future directions in AI. This was followed by a session on “*Responsible and Ethical Usage of AI*” by **Dr. Dhatri Pandya**, emphasizing the importance of ethics, accountability, and responsible innovation in AI applications. After lunch, **Dr. Rachana Oza** conducted a hands-on session on “Basics of TensorFlow and PyTorch”, allowing participants to gain practical exposure to widely used machine learning frameworks and tools,

The program concluded with a **Valedictory Session**, where students from both participating universities shared their experiences and feedback. Participants expressed their appreciation for the well-structured academic sessions, hands-on learning opportunities, and the exposure to emerging technologies in AI and cybersecurity. Many also highlighted the value of cross-cultural interactions, new friendships, and collaborative learning experiences gained during the program. The session reflected a sense of fulfilment and gratitude among participants, marking a successful and memorable conclusion to the



## SUMMARY OF THE FACULTY AND STUDENT EXCHANGE PROGRAM

This *Faculty and Student Exchange Program* served as a dynamic platform that seamlessly integrated academic learning with cultural exchange, with active involvement from students of both participating universities. The program was designed not only to enhance technical knowledge in emerging domains such as AI and Cybersecurity but also to foster meaningful interaction, collaboration, and mutual understanding among participants from diverse backgrounds.

Throughout the four-day program, students from both the institutions actively engaged in a variety of academic sessions, hands-on workshops, and collaborative activities. A significant highlight of the program was the emphasis on cross-cultural exchange. Students from both universities interacted closely through formal sessions as well as informal settings, allowing them to share their cultural values, traditions, and perspectives. Cultural events such as *VERVE 2K26*, and the visit to the Statue of Unity created opportunities for participants to showcase their talents, experience new traditions, and build lasting friendships. These interactions played a vital role in developing mutual respect, cultural sensitivity, and a broader global outlook among the participants.

The involvement of students was not limited to academic learning; they actively participated in organizing, performing, and engaging in various activities, which enhanced their communication, teamwork, and leadership skills.

Overall, the exchange program proved to be a highly enriching experience, blending knowledge, culture, and collaboration. It strengthened academic ties between the institutions and left a lasting impact on all participants, both professionally and personally.

