STEM & INNOVATION CLUB ACTIVITY REPORT

Academic Session: 2026-27

1. STRUCTURE OF THE PROGRAMME

Name of Club: STEM & Innovation Club, School of Basic and Applied Sciences (SBAS), Shri Guru Ram Rai University

Academic Session: 2026–27

Theme/SDG: TRACE THE TRUTH – A Journey into Forensic Science

SDG 4: Quality Education

Name of Activity: Poster Presentation by Department of Forensic Science.

Subject: Trace the Truth – A Journey into Forensic Science

Date: 3rd November 2026 (Tuesday)

Time: 11:00 AM onwards

Venue: 4th Floor Corridor, School of Basic and Applied Sciences (SBAS), Patel Nagar Campus, Shri Guru Ram Rai University, Dehradun.

2. OBJECTIVES OF THE ACTIVITY

1. To create awareness among students about the importance and applications of forensic science in crime investigation and the criminal justice system.
2. To encourage scientific thinking, creativity, innovation and effective communication skills through poster preparation and presentation.
3. To familiarize students with various forensic techniques, scientific tools and methods used in evidence collection, identification and analysis.
4. To promote interdisciplinary learning by connecting scientific concepts with their practical applications in forensic investigations.

3. ACTIVITY DESCRIPTION

The STEM & Innovation Club of the School of Basic and Applied Sciences (SBAS), Shri Guru Ram Rai University, organized an interactive and skill-building poster presentation activity on 3rd November 2026 under the theme **"TRACE THE TRUTH – A Journey into Forensic Science."**

The activity aimed to introduce students to the fascinating field of forensic science and highlight its significant role in scientific investigations, crime detection and the administration of justice.

Students participated in the poster presentation activity by preparing and displaying informative and creative posters illustrating different aspects of forensic science. The presentations covered various topics related to forensic investigation, including fingerprint analysis, forensic toxicology, crime

scene investigation, criminal behaviour, forensic ballistics, and other scientific techniques used in evidence identification and analysis.

The activity provided a platform for students to explore the practical applications of scientific knowledge in real-life situations. Participants explained their posters, shared relevant scientific information and interacted with faculty members and fellow students. The presentations encouraged curiosity, critical thinking, scientific reasoning and effective communication.

The event also highlighted the interdisciplinary nature of forensic science, demonstrating how different branches of science contribute to solving investigative challenges and supporting the justice system.

The activity was conducted by **Dr. Kanchan Bhardwaj, Coordinator,** STEM & Innovation Club, under the coordination of **Mr. Samar Dhiman,** Faculty of Forensic Science, SBAS, SGRRU.

The programme was evaluated by four esteemed judges representing the Departments of Forensic Medicine and Toxicology, Anatomy and Physics. The judges interacted with the participants, assessed their scientific understanding, creativity, presentation skills and subject knowledge, and provided valuable suggestions and feedback.

Based on the overall performance and evaluation, the following participants secured the first three positions:

Winners of the Poster Presentation

- **First Position:** Kanishka & Mannat
- **Second Position:** Varshika & Riya
- **Third Position:** Alka & Pragya

The winners were appreciated for their creativity, scientific content and presentation skills.

The event concluded with appreciation for all participants and the esteemed judges for their valuable contribution towards making the activity informative, engaging and successful.

4. PARTICIPATION DETAILS

Students from the School of Basic and Applied Sciences actively participated in the poster presentation activity. They demonstrated enthusiasm, creativity and scientific understanding through their poster designs and presentations.

The activity encouraged collaborative learning, peer interaction and the exchange of scientific ideas. Faculty members and attendees appreciated the efforts of the participants and encouraged them to explore further applications of science and technology.

Total Number of Participants: 21

Number of Posters Presented: 11

Esteemed Judges:

The poster presentation activity was evaluated by the following distinguished faculty members who were invited as esteemed judges:

1. **Prof. (Dr.) Bhim Singh** – Head of Department, Department of Forensic Medicine and Toxicology, SGRRIM&HS.
2. **Prof. (Dr.) Harmeet Kaur** – Department of Anatomy, SGRRIM&HS.
3. **Dr. Lakshminarayan J** – Assistant Professor, Department of Forensic Medicine and Toxicology, SGRRIM&HS.
4. **Dr. Pankaj Chamoli** – Associate Professor, Department of Physics, School of Basic and Applied Sciences (SBAS), SGRRU.

Their valuable expertise, observations and suggestions contributed to the academic quality and evaluation of the activity.

5. OUTCOMES OF THE ACTIVITY

The poster presentation activity achieved the following learning outcomes:

1. Students gained awareness of the scope, significance and practical applications of forensic science.
2. Participants developed a better understanding of scientific techniques used in crime scene investigation and forensic evidence analysis.
3. The activity enhanced students' creativity, scientific communication, presentation and information-sharing skills.
4. Students developed critical thinking and analytical abilities by exploring the application of scientific principles in forensic investigations.
5. The programme promoted interdisciplinary learning and encouraged students to connect theoretical knowledge with real-world challenges.
6. The activity strengthened awareness regarding the role of scientific evidence in ensuring justice and supporting a fair and transparent legal system.

Linkage with Sustainable Development Goals (SDGs):

The activity contributed to SDG 4 (Quality Education) by promoting experiential and interactive learning, by encouraging scientific innovation and technological awareness, and highlighting the contribution of forensic science to evidence-based investigations and the justice system.

6. FEEDBACK SUMMARY

The activity received positive responses from the participating students and attendees. Participants appreciated the opportunity to explore forensic science through creative poster presentations and interactive discussions.

The activity provided an engaging learning experience and encouraged students to develop an interest in the practical applications of science. The participants expressed enthusiasm for similar hands-on, interdisciplinary and skill-development activities in the future.

7. PHOTOGRAPHIC EVIDENCE

The following photographs are to be included as documentation of the activity:



Photograph 1: Students explaining their posters to the judges.



Photograph 2: Esteemed judges evaluating the posters presented by students



Photograph 3: Interaction and discussion between judges and participants.



I[st] Position

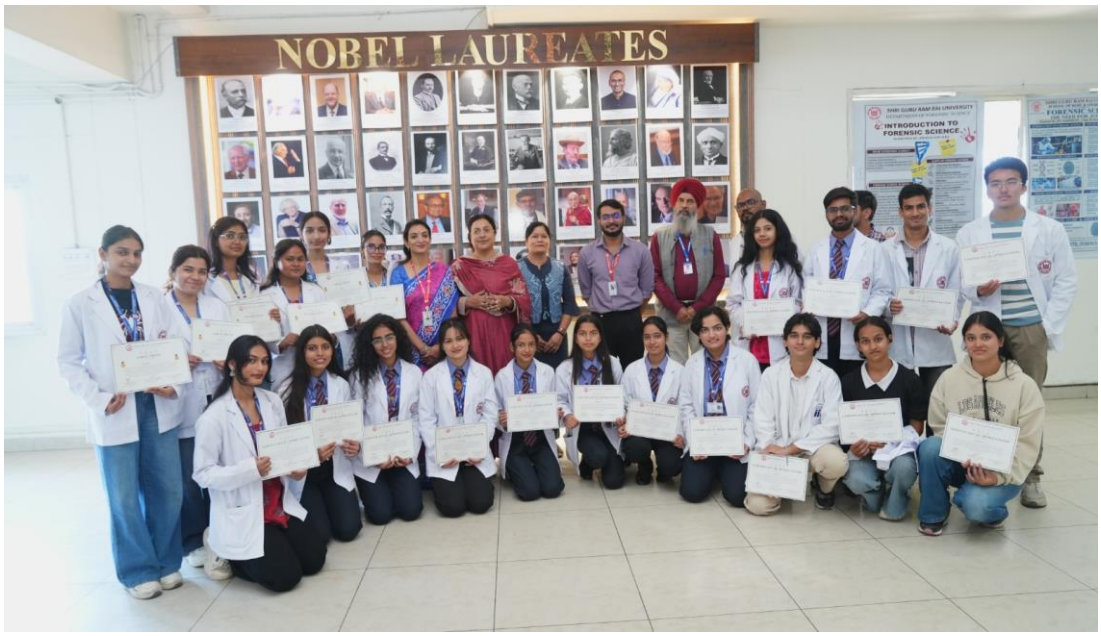


II[nd] Position



III[rd] Position

Photograph 4: First, second and third position holders.



Photograph 5: Group photograph of the esteemed judges, faculty members and participants.

8. CONCLUSION

The poster presentation activity **"TRACE THE TRUTH – A Journey into Forensic Science"** was an academic and skill-building initiative of the STEM & Innovation Club, School of Basic and Applied Sciences, SGRRU. The programme provided students with an opportunity to explore the interdisciplinary applications of science in forensic investigations while enhancing their creativity, scientific understanding and presentation skills.

Such initiatives play an important role in promoting experiential learning, innovation, scientific awareness and the overall development of students.

Report Prepared by:



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