

SHRI GURU RAM RAI UNIVERSITY

(Estd. by Govt. of Uttarakhand, vide Shri Guru Ram Rai University Act no. 03 of 2017)



STEM CLUB

Science, Technology, Engineering & Mathematics Club
organised

1 Day Training-cum-Workshop on Laboratory Equipment's

28th March 2026

SDGs: SDG 04 - Quality Education, SDG 03 - Good Health and Well-Being, SDG 08 - Decent Work and Economic Growth, SDG 09 - Industry Innovation and Infrastructure

Coordinator

Dr. Meetesh Singh

Co-Coordinator

Mrs. Nidhi Semwal

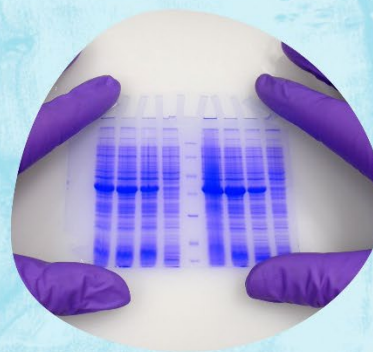


1 DAY TRAINING-CUM-WORKSHOP ON

LABORATORY EQUIPMENT, INSTRUMENTATION, AND PROCEDURES
FOR SKILL DEVELOPMENT AND PRACTICAL LEARNING

ORGANISED BY

STEM CLUB, SGRR UNIVERSITY



REGISTRATION LINK : <https://forms.gle/bHyWazWrl2qJQBdt8>

OPEN TO ALL UNIVERSITY STUDENTS

VENUE

CENTRAL RESEARCH
LABORATORY, SBAS,
PATEL NAGAR CAMPUS

DATE

28TH MARCH
2026

TIME

02:00 PM-04:00 PM

COORDINATOR

DR. MEETESH SINGH
+91 95571 73082

CO-CORDINATOR

MS. NIDHI SEMWAL
+91 70173 59134

Event Report

- **Club Name:** STEM Club
- **Activity Title:** 1 Day Training-cum-Workshop on Laboratory Equipment's
- **Date:** 28th March 2026
- **Duration:** 02:00 pm – 04:00 pm
- **Venue:** Central Research Laboratory, SBAS, Patel Nagar Campus, SGRRU
- **Aligned SDG Goal (s):** SDG 04 - Quality Education, SDG 03 - Good Health and Well-being, SDG 08 - Decent Work and Economic Growth, SDG 09 - Industry Innovation and Infrastructure
- **Faculty Coordinators :**
 1. Dr. Meetesh Singh (Coordinator)
 2. Mrs. Nidhi Semwal (Co-coordinator)
- **Student Coordinators:**
 1. Mr. Keshav Kishan (Member)
 2. Ms. Ayushi Raj Saini (Member)
 3. Ms. Riya Kandpal (Member)
 4. Ms. Ayushi Bhandari (Member)
 5. Ms. Khushi (Member)
 6. Mr. Rohit Singh (Member)
 7. Mr. Ujjwal Gupta (Member)
 8. Ms. Sakshi (Member)
 9. Mr. Sahil (Member)
 10. Ms. Simran (Member)
- **Number of Participants Registered:** 58 students
- **Number of Participants Present:** 37 students
- **Description of Proceedings:**

The **STEM Club** at Shri Guru Ram Rai University organized a one-day training-cum-workshop programme focused on hands-on training in laboratory equipment and machinery. The session aimed to enhance students' practical knowledge and technical skills by providing direct exposure to the operation and handling of essential laboratory instruments.

A total of **37 students** actively participated in the workshop. The session emphasized **safe laboratory practices, precision in experimentation, and familiarization with modern laboratory instruments**. Through live demonstrations and interactive discussions, the workshop effectively bridged the gap between theoretical concepts and real-world laboratory applications. The programme significantly contributed to building confidence, competence, and professional readiness among the participants.

WELCOME SPEECH BY CLUB COORDINATOR DR. MEETESH SINGH

Dr. Meetesh Singh, Club Coordinator, delivered the welcome speech and set the tone for the one-day training-cum-workshop programme on hands-on training in laboratory equipment and machinery. He emphasized the importance of practical learning and its role in strengthening scientific understanding, technical competence, and professional readiness among students. His address highlighted how such training initiatives align with the vision of the STEM Club in bridging the gap between theoretical knowledge and real-world application.

He further aligned the programme with the United Nations Sustainable Development Goals SDG 04 - Quality Education, SDG 03 - Good Health and Well-being, SDG 08 - Decent Work and Economic Growth, and SDG 09 - Industry Innovation and Infrastructure. He encouraged students to actively engage in hands-on learning experiences, develop technical proficiency, and cultivate a problem-solving mindset that contributes to both academic excellence and future professional growth.

PARTICIPANT ENGAGEMENT WITH THE CLUB COORDINATOR IN SBAS CENTRAL RESEARCH FACILITY

During the interactive session, the Club Coordinator discussed the **practical relevance of laboratory instruments in daily life and scientific research**. He explained how instruments such as spectrophotometers, centrifuges, PCR machines, and autoclaves play a vital role not only in academic laboratories but also in **healthcare diagnostics, pharmaceutical industries, environmental monitoring, food quality testing, and biotechnology research**. The discussion highlighted how these instruments contribute to disease detection, quality assurance, safety testing, and innovation-driven research. By linking laboratory equipment to real-world applications, the session helped students understand the broader impact of laboratory science on society and encouraged them to view laboratory skills as essential tools for solving real-life problems and advancing research and development. Thereafter, the session was formally handed over to Mr. Manish Kumar, Laboratory Technician, SBAS Central Research Laboratory, for practical demonstrations and hands-on training.



Demonstration of Vertical Autoclave



Hands-on training on the UV Spectrophotometer



Hands-on training for Centrifuge

GROUP PHOTOGRAPHS

Group Photograph of the STEM Club Coordinator, Laboratory Technician, Student Coordinators, and Student Participants during the Training Session.



ATTENDANCE SHEET

(1 Day Training-cum-Workshop)

Date : 28th March 2026

Time : 02:00 PM – 04:00 PM

S.NO.	PARTICIPANT'S NAME	COURSE/YEAR	DEPARTMENT	SIGNATURE
①	Sejal Singh	B.Sc Biotech VI th	SBAS	<i>Sejal</i>
②	Aarti Tyagi	"	"	<i>Aarti</i>
③	Riya Pant	B.Sc Micro VI th cum	"	<i>Riya</i>
④	Nikita	"	"	<i>Nikita</i>
⑤	Shubham Pramanik	M.Pharm (Pharmaceutics)	SPS	<i>Shubham</i>
⑥	Daksh	"	"	<i>Daksh</i>
⑦	Animesh	"	"	<i>Animesh</i>
⑧	Unnati	"	"	<i>Unnati</i>
⑨	Sachin	"	"	<i>Sachin</i>
⑩	Vinutkumar	Pharmd 3 rd year	"	<i>Vinutkumar</i>
11.	Rahul Roy	"	"	<i>Rahul</i>
12.	Gautam Kumar	Pharm.D 2 nd yr	"	<i>Gautam</i>
13.	Pooja Agaswal	B.Pharm 3 rd year	"	<i>Pooja</i>
14.	Atul Parthap	B.Pharm 4 th year	"	<i>Atul</i>
15.	Shikha Bhand	B.Pharm-3 rd yr	"	<i>Shikha</i>
⑬	Pratik	B.Sc - P.C.A 2 nd yr	"	<i>Pratik</i>
17.	Nimansha Kaur	BSC PCM 6 th sem	SBAS	<i>Nimansha</i>
18.	Priya Nautiyal	" " "	"	<i>Priya</i>
19.	Priya Mourya	" " "	"	<i>Priya</i>
20.	Aksh	" " "	"	<i>Aksh</i>
21.	Priyanka	PharmD II th yr	SPS	<i>Priyanka</i>
22.	Tanya	"	"	<i>Tanya</i>
⑳	Sara Siddiqui	B.Sc CBZ	SBAS	<i>Sara</i>
㉑	Atia Khan	B.Sc CBZ	SBAS	<i>Atia</i>
25.	Simran Nayal	B.Sc PCM	SBAS	<i>Simran</i>

COORDINATOR SIGN.

CO-COORDINATOR SIGN.

ATTENDANCE SHEET

(1 Day Training-cum-Workshop)

Date : 28th March 2026

Time : 02:00 PM – 04:00 PM

S.NO.	PARTICIPANT'S NAME	COURSE/YEAR	DEPARTMENT	SIGNATURE
①	Anjal Kamboj	BSC(PMG) 1st	SBAS	Anjal
②	Astha Rathour	BSC(CBZ)/2nd	SBAS	Astha
③	Shazun Rathour	BSC(CBZ) 2nd	SBAS	Shazun
4.	Khushi	BSC PCM	SBAS	Khushi
⑤	Rishabh Mathani	Msc Physics	SBAS	Rishabh
⑥	Bhavana	"	"	Bhavana
7.	Jyoti	BSC(NONS) 2nd	SAS	Jyoti
8.	Bhuvika	BSC(PCM) 4th sem	SBAS	Bhuvika
9.	Chakravya	"	"	Chakravya
10.	Pranjal	"	"	Pranjal
11.	Abdullah	"	SBAS	Abdullah
12.	Rohit Singh	BSC PCM	SBAS	Rohit Singh
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COORDINATOR SIGN.

CO-COORDINATOR SIGN.