

# SWAMI RAMA HIMALAYAN UNIVERSITY

Swami Ram Nagar, Jolly Grant,  
Uttarakhand 248016

## TECH & INNOVATION IN HEALTHCARE CLUB (Technology & Digital Health Clubs)

### 1. Introduction

The Tech & Innovation in Healthcare Club at SRHU introduces students to practical healthcare technologies and digital tools that are transforming clinical care and public health. The club emphasizes awareness and hands-on exposure to innovations like telemedicine, wearable health devices, mobile health apps, and digital diagnostics—building tech literacy across SRHU's medical and allied health disciplines.

### 2. Objectives

The objectives of the Club are:

- Promote awareness of emerging healthcare technologies beyond AI, such as telehealth, wearables, and mobile health platforms
- Facilitate student exposure to real-world tools used in clinical and community health settings
- Encourage interdisciplinary dialogue on innovation in diagnostics, patient engagement, and digital health delivery
- Support SRHU's vision of tech-enabled care through workshops, demos, and collaborative learning

### 3. Club Committee

The Club shall be governed by a committee comprising the following members:

Composition	Roles
Dr Pooja Baloni- Assistant Professor , Club Coordinator* (SPOC)	Chairperson
Dr Ashutosh Kumar Chaudhary- Assistant Professor	Treasurer
Dr. Ashutosh Bhatt- Assistant Professor	Member Secretary
Priyanshu Negi	Member (Student Coordinator)

### Students Detail

S.No.	Student Name	Registration No.	Enrolment No.	Programme Name
1	Priyanshu Negi	DD231104310007	SRHU22000318	B.Sc. (Hons) Data Science
2	Alka	DD231104303018	SRHU23000945	B.Tech. CSE
3	Hipendra Singh	DD231104303019	SRHU23000936	B.Tech. CSE
4	Himani Gusain	DD22111308006	SRHU23001174	B.Tech. CSE-DS&ML
5	Anirudh Singh Bhandari	DD2111303012	SRHU23000970	B.Tech. CSE

6	Harsh Bhatt	DD2011303008	SRHU23001065	B.Tech. CSE-IBM
7	Vibhor Singh Bisht	DD2011303011	SRHU23001041	B.Tech. CSE-IBM
8	Simran	DD231104301018	SRIHU23001062	BCA
9	Shantanu Vashishtha	DD231104301019	SRIHU23000920	BCA
10	Ayush Rawat	DD2111301019	SRHU22000432	BCA
11	Priyanshu Tiwari	DD22111301057	SRHU23000918	BCA
12	Rameshwar Rajbhar	DD22111301058	SRIHU22000329	BCA
13	Shiya Rana	DD22111301059	SRHU22000325	BCA
14	Sumit Rana	DD22111301062	SRHU23000969	BCA
15	Vaibhav Chauhan	DD2111301017	SRHU23001173	BCA

\*Note: Preferred roles in the clubs is defined by Club coordinator

#### 4. Terms and Conditions

Sr. No.	Clause	Details
1.	<b>Quorum</b>	50% of the total members
2.	<b>Tenure of the Club</b>	Perpetual
3.	<b>Tenure of the Chairperson</b>	3 years
4.	<b>Tenure of the Members</b>	2-3 years
5.	<b>Frequency of Meetings</b>	<i>Preferably once per quarter.</i>
6.	<b>Meeting Notice and Agenda</b>	The member secretary with prior approval of Chairperson shall circulate the Meeting Notice and Agenda to all the members at least seven (7) working days prior to date of the meeting.
7.	<b>Minutes of the Meeting</b>	The Secretary records the minutes, which are signed by the Chairperson and Secretary. A signed copy is forwarded to members within three (3) working days of the meeting.
8.	<b>Duties and function</b>	<ul style="list-style-type: none"> <li>a) Organize workshops on robot design, microcontrollers (Arduino, Raspberry Pi), and sensor integration</li> <li>b) Host drone-building sessions and flight safety demonstrations using SRHU's Drone Technology Lab</li> <li>c) Facilitate student participation in national robotics competitions and tech expos</li> <li>d) Collaborate with IEEE/ACM chapters and other clubs for hybrid innovation challenges</li> </ul>

		e) Document and showcase student-led robotics and drone projects for campus and community use
9.	<b>Funding and Resources</b>	a. Institutional budget allocation b. Donations and sponsorships
10.	<b>Amendments</b>	Any amendment to this club must be proposed in writing and approved by a two-thirds majority of the Club Committee.
11.	<b>Dissolution</b>	In the event of dissolution, the assets and liabilities of the Club shall be transferred to the Swami Rama Himalayan University.

#### 5. Services Offered:

- **Demo Day:** Hands-on sessions with wearable devices, mobile health apps, and teleconsultation platforms
- **Poster Exhibition:** Topics like digital health ethics, accessibility, and innovation in rural care
- **Guest Talks:** Clinicians and tech experts sharing case studies from SRHU's hospital or outreach settings
- **Innovation Walks:** Guided tours of SRHU's simulation labs, telemedicine units, and digital health setups
- **Collaboration Events:** Joint sessions with public health and nursing students on tech in community care



Sign. of Chairperson

Chairperson  
Tech & Innovation in Health Club  
Swami Rama Himalayan University



Sign. of Treasurer



Sign. of Member Secretary

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## NOTICE

### TECH & INNOVATION IN HEALTHCARE CLUB

(Technology & Digital Health Clubs)

SRHU/TDHC/TIHC/2024/01

3<sup>rd</sup> April 2024

This is to inform all students of the **Himalayan Institute of Medical Sciences (HIMS)** that a **Healthcare Technology & Innovation Session** will be held on **10<sup>th</sup> April 2024**. The session aims to inspire students to explore cutting-edge healthcare technologies, innovative solutions, and interdisciplinary approaches for advancing medical practice and patient care.

#### Details of the Meeting:

- **Event:** Healthcare Technology & Innovation Session
- **Date:** 10<sup>th</sup> April 2024
- **Time:** 10:00AM - 01:30PM
- **Venue:** Himalayan School of Sciences and Technology, Swami Rama Himalayan University
- **Organized by:** Tech & Innovation in Healthcare Club, SRHU
- **Eligibility:** All undergraduate and postgraduate students interested in healthcare technology, innovation, and digital transformation

All students are encouraged to participate actively in the session to strengthen their knowledge of healthcare innovations, collaborative problem-solving, and future-ready medical practices. Attendance of registered club members is **mandatory**.

For further details, please contact the **Club Coordinator** or respective **Batch representatives**.  
*Innovate, Collaborate, and Transform Healthcare Together!*

#### Copy to:

Hon'ble President

Hon'ble Vice Chancellor

Director General (Academic Development)

Pro-Vice Chancellor

Registrar

Dean, HSMS

Heads of Departments

Finance Officer

Members of the club – For necessary arrangements and action

for kind information please

*YB alone*  
Chairperson  
Tech & Innovation in Healthcare Club  
Swami Rama Himalayan University

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## REPORT

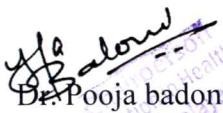
**Organized by** : Tech Innovation and Healthcare Club, Swami Rama Himalayan University  
**Date** : 06<sup>th</sup> February 2024  
**Venue** : University Sports Ground, Swami Rama Himalayan University  
**Time** : 03:00PM - 04:30PM

The Tech & Innovation in Healthcare Club, SST, is pleased to report the successful participation of students from the School of Science & Technology in an Online Seminar on Artificial Intelligence in Neonatology, conducted on 6th February 2025. The session was organized by the Department of Neonatology and featured distinguished speakers including Dr. Saikat Patra, Dr. Chandini, and Prof. (Dr.) Ashok Kumar Deorari, all of whom are experts in neonatal care and digital health innovations.

The seminar offered valuable insights into the rapidly evolving role of Artificial Intelligence in neonatal healthcare. The speakers elaborated on how AI-based technologies are transforming neonatal diagnostics, continuous monitoring, predictive modeling, and early detection of high-risk conditions. Students were introduced to practical examples of decision-support tools, automated imaging analysis, and machine-learning models that are increasingly being integrated into modern neonatal intensive care units (NICUs). SST students benefited greatly from this exposure, as the session broadened their understanding of how interdisciplinary collaboration between healthcare and technology is shaping the future of pediatric and neonatal medicine. The seminar highlighted the importance of combining technical skills with clinical knowledge to drive innovative healthcare solutions.

The event concluded with an engaging Q&A session, where participants interacted with the speakers and clarified their queries related to AI applications, ethical considerations, and future opportunities in the field. The seminar received highly positive feedback, reflecting its academic value and relevance.

Overall, this collaborative initiative exemplifies SRHU's commitment to fostering tech-integrated, interdisciplinary education and promoting meaningful knowledge exchange between medical professionals and technology students.

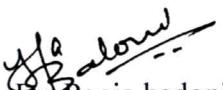
  
Dr. Pooja Badoni  
Chairperson  
Tech & Innovation in Healthcare Club  
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## EVENT HIGHLIGHT



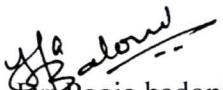
  
Dr. Pooja Badoni

Chairperson  
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## ATTENDANCE



Dr. Pooja Badoni

Chairperson  
Tech & Innovation in Healthcare Club  
Swami Rama Himalayan University