



**SR
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विज्ञान एवं प्रौद्योगिकी स्कूल

(स्वामी राम हिमालयन विश्वविद्यालय की एक शैक्षणिक इकाई)

School of Science & Technology

[A Constituent Academic Unit of Swami Rama Himalayan University]

SRHU/SST/Int./2025-355

Dated: 12th November 2025

Notice

Dear Students,

We are pleased to inform you that the School of Science & Technology is organizing a **“Talk on Intelligent Robotics and Embodied System for Human Support”** by **Dr. Rohan Paul** on **14th November 2025 (Friday)**.

Objective:


- To introduce the concept of embodied or physical AI and explain how artificial intelligence is merging with real-world, interactive systems.
- To discuss the foundational principles and technologies including sensing, AI intelligence, and embedded systems that enable embodied AI.
- To explore real-world applications of embodied AI in assisting persons with disabilities, elderly care, and operations in hazardous environments.
- To highlight the societal impact and potential benefits of integrating AI with physical systems for human-centered support and safety.
- To inspire further research and innovation in the development of intelligent, responsive and interactive AI-driven systems.

Event Details:

- **Event Title:** Talk on Intelligent Robotics and Embedded System For Human Support
- **Date:** 14th November 2025 (Friday)
- **Time :** 03.00 PM
- **Venue:** Visvesvaraya Auditorium, School of Science & Technology
- **Participation Mode:** Offline
- **Target Participants:** Students from B.Tech 1st Year and BCA 3rd Year of SST

For further details, please contact:

- **Dr. Gaurav Sharma**, Department of Computer Science and Engineering, School of Science & Technology, Email: gauravsharma@srhu.edu.in, Mobile: 7088697651
- **Ms. Simranjeet Kaur**, Department of Computer Science and Engineering, School of Science & Technology, Email: simranjeetkaur@srhu.edu.in, Mobile: 7814268315


Prof. (Dr.) Pramod Kumar
Dean
School of Science & Technology



स्वामी राम नगर, जौलीग्रान्ट, देहरादून 248016, उत्तराखण्ड, भारत

Swami Ram Nagar, Jolly Grant, Dehradun 248016, Uttarakhand, India.

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School of Science & Technology

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SRHU/SST/Int./2025-356

Dated: 12th November 2025

Circular

Dear Faculty Members,

We are pleased to inform you that the School of Science & Technology is organizing a “**Talk on Intelligent Robotics and Embodied System for Human Support**” by **Dr. Rohan Paul** on **14th November 2025 (Friday)**.

Objective:

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Prof. (Dr.) Pramod Kumar
Dean
School of Science & Technology

Pramod Kumar
12/11/2025



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SWAMI RAMA HIMALAYAN UNIVERSITY
OFFICE OF THE REGISTRAR

SRHU/Reg./Int./2025- 668

Date: 30th September 2025

The Dean
School of Science and Technology
Swami Rama Himalayan University

1. This has reference to your letter No. SRHU/SST/Int./2025-256 dated 24.09.2025, seeking approval for the following:

- (d) To organize a Guest Lecture for the students on the topic: "**AI and Robotics**" at SRHU on 31.10.2025.
- (e) To invite Dr. Rohan Paul, Associate Professor, IIT Delhi as a distinguish speaker for the above activity.
- (f) Sanction of budget (Rs 15,000/-) to be incurred towards arrangement of guest lecture, honorarium and travel allowances for the external guest.

2. The permission of the competent authority, is hereby conveyed, for the above purposes.


Registrar

Copy to:

Hon'ble President

Hon'ble Vice-Chancellor

Director General (Academic Development)

Pro-Vice Chancellor

Finance Officer

} for kind information please



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School of Science & Technology

(A Constituent Academic Unit of Swami Rama Himalayan University)

Report of Talk on Intelligent Robotics and Embedded System for Human Support

- **Title of the Event/Activity:** Talk on Intelligent Robotics and Embedded System for Human Support
- **Event Date:** 14th November 2025 (Friday)
- **Duration:** 01 Hour
- **Start Time:** 03:20 PM
- **Participants:** Students of B.Tech 1st Year and BCA 3rd Year of SST
- **Venue:** Visvesvaraya Auditorium, School of Science & Technology, SRHU
- **Organized by:** School of Science & Technology, Swami Rama Himalayan University
- **Coordinator (s):**
 - **Dr. Gaurav Sharma**, Department of Computer Science and Engineering, School of Science & Technology, Email: gauravsharma@srhu.edu.in, Mobile: 7088697651
 - **Ms. Simranjeet Kaur**, Department of Computer Science and Engineering, School of Science & Technology, Email: simranjeetkaur@srhu.edu.in, Mobile: 7814268315
- **Summary / Overview:**

The School of Science & Technology (SST), Swami Rama Himalayan University, organized an enlightening guest lecture on "Intelligent Robotic and Embodied Systems for Human Support," focusing on the rapidly evolving era of physical and embodied AI. The session provided in-depth insights into how advances in the science of intelligence are enabling AI systems to interact seamlessly with real-world robotic and embedded platforms designed for human support. The expert speaker discussed medical assistant robots and their applications across multiple domains, explained the role of Simultaneous Localization and Mapping (SLAM) algorithms in autonomous robotic navigation, and highlighted the innovation behind the AI-powered cane developed for the visually impaired, including its various models and real-world usefulness. The talk also explored the future scope of AI and Robotics from a career perspective, encouraging students to engage with emerging research and technology trends. The event aimed to broaden students' understanding of next-generation intelligent systems, promote interdisciplinary learning, and inspire meaningful contributions to the future of human-centric technology within the dynamic academic environment of SST.

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• Objectives:

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- To highlight the societal impact and potential benefits of integrating AI with physical systems for human-centered support and safety.
- To inspire further research and innovation in the development of intelligent, responsive and interactive AI-driven systems.

• Number of Participants: 170

• Outcome/Achievement:

- Students gained insights into embodied AI and intelligent robotic systems.
- Enhanced understanding of human-support robotics and emerging AI technologies.
- Students learned about real-world applications of embodied AI in healthcare and hazard support.
- Improved awareness of sensing, AI reasoning, and embedded systems in robotics.
- Inspired students to explore research and innovation in intelligent robotic systems.

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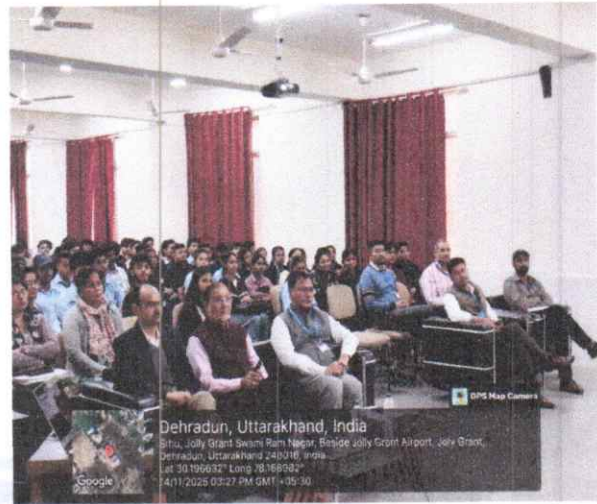
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Some Glimpse of Talk

14th November 2025 (Friday)



Commencing With Prayer



Opening Group Capture



Embodied AI Highlights



Insightful Session Glimpses

Dr. Gaurav Sharma
Activity Coordinator

School of Science & Technology

Ms. Simranjeet Kaur
Activity Coordinator

School of Science & Technology

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