

SWAMI VIVEKANAND INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to IKGPTU, Jalandhar

TECHATHON 3.0

Organizer's Name: Department of Applied Sciences

Coordinator: Dr. Indu Batra

Date: 21st March 2025

Venue: Sviet Campus

Introduction of the Event: The Department of Applied Science hosted Techathon 3.0 on 21st March 2025, a highly anticipated event aimed at fostering innovation and creativity among students. This event was open to students from all courses, encouraging them to present projects that were centered around Artificial Intelligence (AI), Internet of Things (IoT), Software, and Model-based projects.

Highlights of the Event:

1. **Scope and Participation:** The event invited students from various departments, including engineering, computer science, applied sciences, and other related fields. This diverse participation helped foster interdisciplinary collaboration and the exchange of ideas. Students were asked to present projects based on the following themes:
 - AI/IoT-based Projects
 - Software Projects
 - Model-based Projects
2. **Project Presentations:** The projects presented ranged from AI-driven systems, IoT applications, advanced software solutions, and simulation models to real-time problem-solving tools. These projects were the result of months of hard work, research, and innovation. Some notable projects included:
 - AI-powered smart systems that could predict trends or automate processes.
 - IoT-based smart home solutions, remote monitoring systems, and real-time tracking applications.
 - Software applications aimed at solving real-world challenges like automation, data analysis, and enhancing productivity.
 - Model-based projects focused on simulations and modeling real-world phenomena.
3. **Judging and Evaluation:** A panel of experts, including faculty members judged the projects based on the criteria of innovation, technical proficiency, practical application, and presentation skills. The panel appreciated the depth of research, the complexity of the projects, and the students' ability to present their ideas effectively.

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4. Awards and Recognition: The best projects with the first five positions in each category were awarded prizes and cash prizes, with winners receiving certificates and recognition for their outstanding contributions. The students were also provided with opportunities to further develop their projects with the support of faculty mentors.



Students actively participating in AI/IoT-based Projects Presentation

Participants: Approximately 400 students from various departments had actively participated in the event Techathon 3.0,2k25.

Valedictory Ceremony & Prize Distribution: The event concluded with a Valedictory Ceremony, where the best projects were formally recognized and rewarded. The ceremony featured the distribution of cash prizes to the top five positions in each category:

- AI & IoT-based Projects
- Software-based Projects
- Model-based Projects

In addition to the student awards, one prize was dedicated to the Technical Committee for their invaluable contributions throughout the event.

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Students awarded with trophies & cash prizes of participation



Technical committee awarded with token of appreciation

Key Outcomes: Techathon 3.0 was a resounding success, reflecting the immense talent, creativity, and technical acumen of the students. The event not only provided a platform for students to showcase their projects but also allowed them to gain insights from experts. The enthusiasm and innovation displayed by the students highlight the bright future of technology and its role in solving real-world problems.

The Department of Applied Science continues to be a catalyst in promoting the intersection of academic knowledge and practical application, fostering the next generation of innovators and technologists.



Dr. Indu Batra
Associate Professor



Ms. Gurwinder Kaur
Head of department