Sri Guru Teg Bahadur Khalsa College
Sri Anandpur Sahib Punjab

PG Department of Computer Science
in collaboration with
Institution's Innovation Council
organized a Guest Lecture on
Turing Machine and the Boundaries of Problem Solving
on 11th September 2025
(Under DBT Star Status)

The P.G. Department of Computer Science, Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib, in collaboration with the Institution's Innovation Council, organized a guest lecture on the topic *"Turing Machine and the Boundaries of Problem Solving"* on 11th September 2025. The session was conducted in hybrid mode (online and offline) under the DBT Star Status, Government of India.

The lecture was attended by 100 students from BCA and B.Sc. (Hons.) AI & DS final year classesThe event was graced by the presence of Dr. Mandeep Kaur, Assistant Professor, Department of Computer Science and Engineering, Chitkara University, as the expert speaker.

During her session, Dr. Mandeep Kaur provided valuable insights into the fundamentals of Turing Machines and their significance in understanding the boundaries of problem-solving in computation. She elaborated on how the concept of Turing Machines forms the theoretical foundation of computer science and discussed its relevance in modern research and computational complexity. The lecture encouraged students to think critically about the limitations and possibilities of algorithmic problem solving.

Dr. Jasvir Singh, Principal of the college, appreciated the efforts of the P.G. Department of Computer Science and commended their initiative in organizing such insightful academic events. He also motivated the department to continue hosting such lectures to enhance students' knowledge and research orientation.

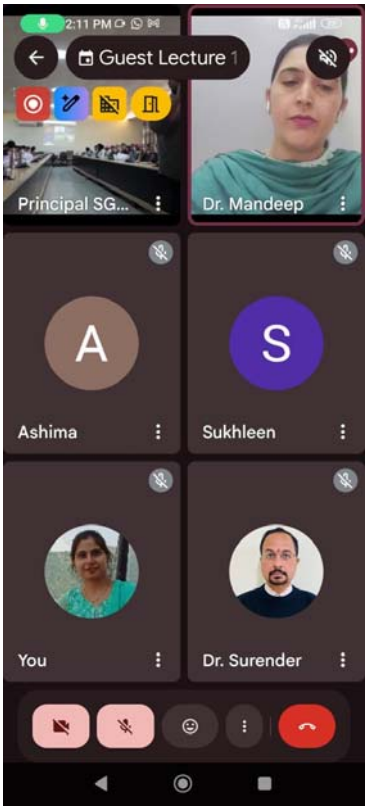
The event was successfully organized under the guidance of Dr. Surender Kumar, Head of the P.G. Department of Computer Science, who emphasized the importance of understanding computational theories for advanced learning and research.

The lecture was hosted by Dr. Amanpreet Kaur, who ensured the smooth flow of the session. The guest lecture was efficiently coordinated by Prof. Tajinder Kaur, Prof. Paramjit Kaur, Dr. Amanpreet Kaur, Prof. Ashima, and Prof. Sukhleen Kaur. Their collective efforts made the program a meaningful and engaging learning experience for all participants.

Link before the event:
https://www.instagram.com/p/DObOwUXkoNu/?igsh=MTE5czRseWc3OWxtYQ==

Link after the event: https://www.facebook.com/reel/1531056674721643

इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
Sri Guru Teg Bahadur Khalsa College
Sri Anandpur Sahib Punjab
(An Autonomous College)
AICTE
INSTITUTION'S INNOVATION COUNCIL
Guest Lecture
on
Turing Machine and the Boundaries of Problem Solving
(Under DBT Star Status)
RESOURCE PERSON
Dr. Mandeep Kaur
Assistant Professor
Dept. of CSE, Chitkara University
Organized by
P.G. Department of Computer Science
Sri Guru Teg Bahadur Khalsa College,
Sri Anandpur Sahib
11th Sept, 2025
at 11:00 AM
(Online mode)
Asst.Prof. Tajinder Kaur
Coordinator
Computer Department
Dr. Surender Kumar
Head
Computer Department
Dr. Jasvir Singh
Principal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Guest Lecture 1
Principal SG...
Dr. Mandeep
A
Ashima
S
Sukhleen
You
Dr. Surender

GPS Map Camera
Anandpur Sahib,Punjab,India
Anandpur Sahib Ropar Highway, Power Colony, Anandpur Sahib, Punjab 140118, India
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