Sri Guru Teg Bahadur Khalsa College

Sri Anandpur Sahib Punjab

Institutions Innovation Council

in collaboration with

PG Department of Physics Organized a Lecture on "Irradiation Induced Amorphization of Germanium"

The Institution's Innovation Council (IIC), Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib, in collaboration with the P.G. Department of Physics & Innovation Cell, successfully organized an insightful lecture on "Irradiation Induced Amorphization of Germanium" on 12th August 2026 at the M.Sc. Physics Lab.

The lecture was delivered by Ishika, M.Sc. Student of Department of Physics, who introduced students to the fascinating phenomenon of radiation-induced structural transformation in germanium. The session covered the fundamentals of irradiation, structural defects, radiation–matter interactions, and the transformation of germanium from a crystalline to an amorphous state. The lecture provided students with valuable exposure to contemporary concepts in radiation physics, materials science, and research.

The session was interactive and engaging, encouraging students to develop scientific curiosity and a research-oriented perspective.

Dr. Vimal Mehta, Head, P.G. Department of Physics, expressed sincere gratitude to the speaker, IIC, college administration, faculty members, and students for their active participation and contribution to the successful conduct of the programme.

Dr. Jasvir Singh, Principal, appreciated the initiative and congratulated the IIC and P.G. Department of Physics & Innovation Cell for organizing the academic lecture. He emphasized the importance of such programmes in nurturing innovation, research aptitude, scientific thinking, and experiential learning among students.

The event concluded successfully with an enriching academic interaction and reinforced the institution's commitment to promoting research, innovation, and scientific excellence.

Coordinator of Event: Dr. Amrit Singh, Department of Physics.

Objectives: The objective of the event was to familiarize students with the phenomenon of irradiation-induced amorphization of germanium and develop their understanding of radiation–matter interactions, structural defects, and phase transformation from crystalline to amorphous states. The lecture aimed to promote scientific curiosity, research aptitude, and awareness of contemporary developments in radiation physics and materials science..

Benefits: The event enhanced students' understanding of radiation-induced material transformations and radiation–matter interactions, while developing their research aptitude and scientific thinking in the fields of radiation physics, materials science, and semiconductor materials. Further, enhanced students' awareness regarding the role and activities of IIC.

No. of Participating Students: 40

Facebook Link: https://www.facebook.com/share/p/1YkWDwkG4A/


MOTIVATION
GPS Map Camera
Anandpur Sahib,Punjab,India
Anandpur Sahib Ropar Highway, Power Colony, Anandpur Sahib, Punjab 140118, India
Lat 31.228895, Long 76.513148
Wednesday, 12/08/2026 10:30 AM GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
Anandpur Sahib,Punjab,India
Anandpur Sahib Ropar Highway, Power Colony, Anandpur Sahib, Punjab 140118, India
Lat 31.228671, Long 76.513131
Wednesday, 12/08/2026 10:33 AM GMT+05:30
Note : Captured by GPS Map Camera