



**Activity Report**  
**Institution's Innovation Council**  
**Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib**

Institution's Innovation Council and R & D Cell of Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib, in collaboration with Nucleus of Learning and development successfully organized online National FDP program on the topic "AI Tools for research: Enhancing academic productivity and innovation" from 17 to 22, Nov, 2025. The FDP was successfully coordinated by Dr. Gurpreet Kaur (IIC President), Dr. Sartaj Singh, and Dr. Gagandeep Kaur. The resource person for the entire FDP was Dr. Puneet Pathak, (Assistant Professor) School of Liberal Arts and Human Sciences, Auro University, Surat. Dr. Pathak shared valuable insights into the evolving landscape of Artificial Intelligence in academia and highlighted how educators and researchers can leverage AI tools to improve the quality and speed of their scholarly work. He meticulously explained various aspects of AI tools used in academics and research. The FDP aimed to equip faculty members with the latest AI-based tools that can significantly enhance research efficiency, academic writing, literature exploration, and overall productivity. The session focused on practical demonstrations, awareness building, and hands-on exposure to emerging digital platforms relevant to researchers. The Principal, Dr. Jasvir Singh appreciated the efforts of the IIC team and highlighted the importance of such initiatives in empowering faculty with advanced research competencies. During the FDP, Dr. Pathak introduced and demonstrated several AI-based research tools, including Excitation – A tool for simplifying complex research processes, Open Knowledge Maps – A visual interface for exploring research literature and identifying knowledge clusters. Paperity – A comprehensive platform providing access to open-access research papers and journals. Additional AI Utilities – Several other digital tools aimed at enhancing literature review, content generation, summarization, and data analysis. These tools were showcased with examples to help participants understand their applications in real academic scenarios.

The Online National FDP provided participants with valuable knowledge and practical understanding of AI-powered research tools. The session proved to be highly informative, enabling faculty members to adopt innovative digital strategies for improved academic productivity and research innovation. The collaborative efforts of the organizers, speaker, and participants made the FDP a successful and enriching academic event.

**Objectives:**

To introduce faculty members to emerging AI tools that support academic research, writing, data management, and innovation.

To enhance participants' ability to generate research ideas and formulate effective problem statements using AI-based platforms.

**Benefits:**

Enhanced research efficiency: Participants learn how to conduct faster and more effective literature reviews and data searches.

Exposure to modern digital tools: Faculty members acquire practical skills relevant to the evolving academic landscape.

**Link: Facebook link after the event**

<https://www.facebook.com/share/p/17dGDc6kuk/>



**Institution's Innovation Council and R & D Cell,  
Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib, Punjab,**  
India, in collaboration with **Nucleus of Learning and Development** organizes

Online National Faculty Development Program on

**“AI Tools for Research:**

**Enhancing Academic Productivity and Innovation”**

17 to 22 November 2025 (8:00pm to 9:00pm)

**Open for All academicians, researchers and learners**

**AI TOOLS FOR  
ACADEMIC  
RESEARCH**



**Convener:** Dr. Jasvir Singh, Principal

**Coordinator:** Dr. Gurpreet Kaur, Incharge IKS Cell,  
Assistant Professor & Head, Post Graduate Department of English

**Co-Coordinator:** Dr. Sartaj, Assistant Professor (Botany) &  
Dr. Gagandeep Kaur, Assistant Professor (Chemistry)

**Resource Person:** Dr. Punit Pathak, Assistant Professor,  
School of Liberal Arts and Human Sciences, Auro University, Surat

**About the Organization:** Sri Guru Teg Bahadur Khalsa College, Anandpur Sahib, established in 1968, granted Autonomous status since the session 2019-2020, is committed to deliver quality education in undergraduate and postgraduate streams of commerce, science, management, computer applications, agriculture and other professional courses by providing ample opportunities for exploring the potential of every student. It has been a source of purposeful education for the entire belt covering Punjab and the neighboring states of Haryana and Himachal Pradesh since its inception. The Autonomous status is actually the result of our consistent past efforts and has come in the wake of an 'A' grade in NAAC Reaccreditation, 'College with Potential for Excellence' status and 'Star College Scheme' of DBT, GOI. The college has another prestigious scheme to its credit: DST-FIST. Recently Bhabha Atomic Research Centre (BARC) has initiated a national project for determining seismic activities of the area. For this a solar powered Radon Geo-station has been developed and installed on the college premises. The college also has its own Community Radio Station available at 90.8 MHz. Programmes of educational and religious interests are aired through it.

