

# **From Concept to Click: Creating Effective GUI Designs**

## **From Concept to Click: Creating Effective GUI Designs**

**Organized by:**

**Institution's Innovation Council (IIC)**

in collaboration with the

**Department of Computer Science,**

**Babbar Akali Memorial Khalsa College, Garhshankar**

**Date:** 13th October 2025

**Venue:** ICT Lab

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## **Objective of the Event**

The main objective of this event was to enhance students' understanding of **Graphical User Interface (GUI) Design** and to develop their skills in creating user-friendly, visually appealing, and functional digital interfaces. The session focused on bridging the gap between concept development and design implementation in modern applications.

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## **Event Overview**

The Department of Computer Science, in association with the **Institution's Innovation Council (IIC)**, organized an insightful session titled **"From Concept to Click: Creating**

## **Effective GUI Designs.”**

The event was convened by **Asst. Prof. Kamini** and moderated by **Asst. Prof. Navjot Kaur**, under the guidance of **Dr. Ajay Dutta (HOD)** and **Dr. Amandeep Heera (Principal)**.

During the session, students learned the fundamentals of **GUI design principles**, including color theory, layout structuring, typography, and user interaction flow. The event emphasized the role of GUI in enhancing user experience (UX) and its importance in software and app development.

Students also showcased their own GUI design ideas through demonstrations and presentations, displaying creativity and technical skills.

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## **Key Highlights**

- Introduction to GUI design principles and modern design trends.
  - Discussion on tools and technologies for GUI development (such as Figma, Canva, and Python Tkinter).
  - Practical examples showing how effective GUI design enhances usability and user engagement.
  - Presentations by students demonstrating prototype designs and creative UI layouts.
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## **Convenor & Moderator**

- **Convenor:** Asst. Prof. Kamini

▪ **Moderator:** Asst. Prof. Navjot Kaur

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## **Outcome of the Event**

The event successfully enabled students to understand the importance of design thinking and user interface development in software engineering. Participants gained hands-on exposure to GUI concepts and were motivated to apply these principles in their future academic and project work.

The event also encouraged innovation, creativity, and teamwork among students while aligning with the goals of the **Institution's Innovation Council (IIC)**.

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## **Conclusion**

The event "**From Concept to Click: Creating Effective GUI Designs**" proved to be an engaging and skill-oriented session for Computer Science students. It enhanced their technical and creative abilities, preparing them for real-world application design challenges.

The Department of Computer Science continues to organize such activities to nurture innovation, creativity, and practical knowledge among students.





## Disadvantages and Security Costs

The flip side of digital adoption is increased vulnerability and the high cost of mitigation.

- Increased complexity makes systems harder to defend and monitor.
- Dependence on technology creates single points of failure.
- Rapid evolution of threats demands constant investment and vigilance.
- Potential for significant reputational and legal damage following a security event.





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# **Digital Empowerment: Transforming India into a Smart Nation**

**Organized by:**

**Institution's Innovation Council (IIC)**

in collaboration with the

**Department of Computer Science,**

**Babbar Akali Memorial Khalsa College, Garhshankar**

**Date:** 13th October 2025

Venue: ICT Lab

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## Objective of the Event

The objective of this event was to promote awareness about **Digital Empowerment** and highlight how digital technologies are transforming India into a **Smart Nation**. The session aimed to motivate students to explore digital tools, e-governance platforms, and innovations that contribute to national development through digitalization.

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## Event Overview

The Department of Computer Science, in collaboration with the Institution's Innovation Council (IIC), organized an event titled "**Digital Empowerment: Transforming India into a Smart Nation.**"

The event was convened by **Asst. Prof. Narinder Jit Kaur** and moderated by **Asst. Prof. Jagjivan Kaur**, under the guidance of **Dr. Ajay Dutta (HOD)** and **Dr. Amandeep Heera (Principal)**.

Students of **BCA 1st Semester** actively participated by preparing and presenting PowerPoint presentations on various themes related to **Digital India, Smart Governance, E-services, Artificial Intelligence in Digital Transformation, and Cyber Security Awareness**.

Each group of students showcased their understanding of how technology is shaping the socio-economic development of India. The presentations reflected creativity, research skills, and awareness of national digital initiatives.

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## Key Highlights

- PowerPoint presentations by BCA 1st Semester students on digital empowerment themes.
- Discussion on initiatives like Digital India, Smart Cities Mission, and online public service delivery.
- Emphasis on how youth can contribute to India's vision of becoming a **digitally empowered knowledge economy**.
- Interactive session between students and faculty members encouraging critical thinking and innovation.

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## Convenor & Moderator

- **Convenor:** Asst. Prof. Narinder Jit Kaur
- **Moderator:** Asst. Prof. Jagjivan Kaur

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## Outcome of the Event

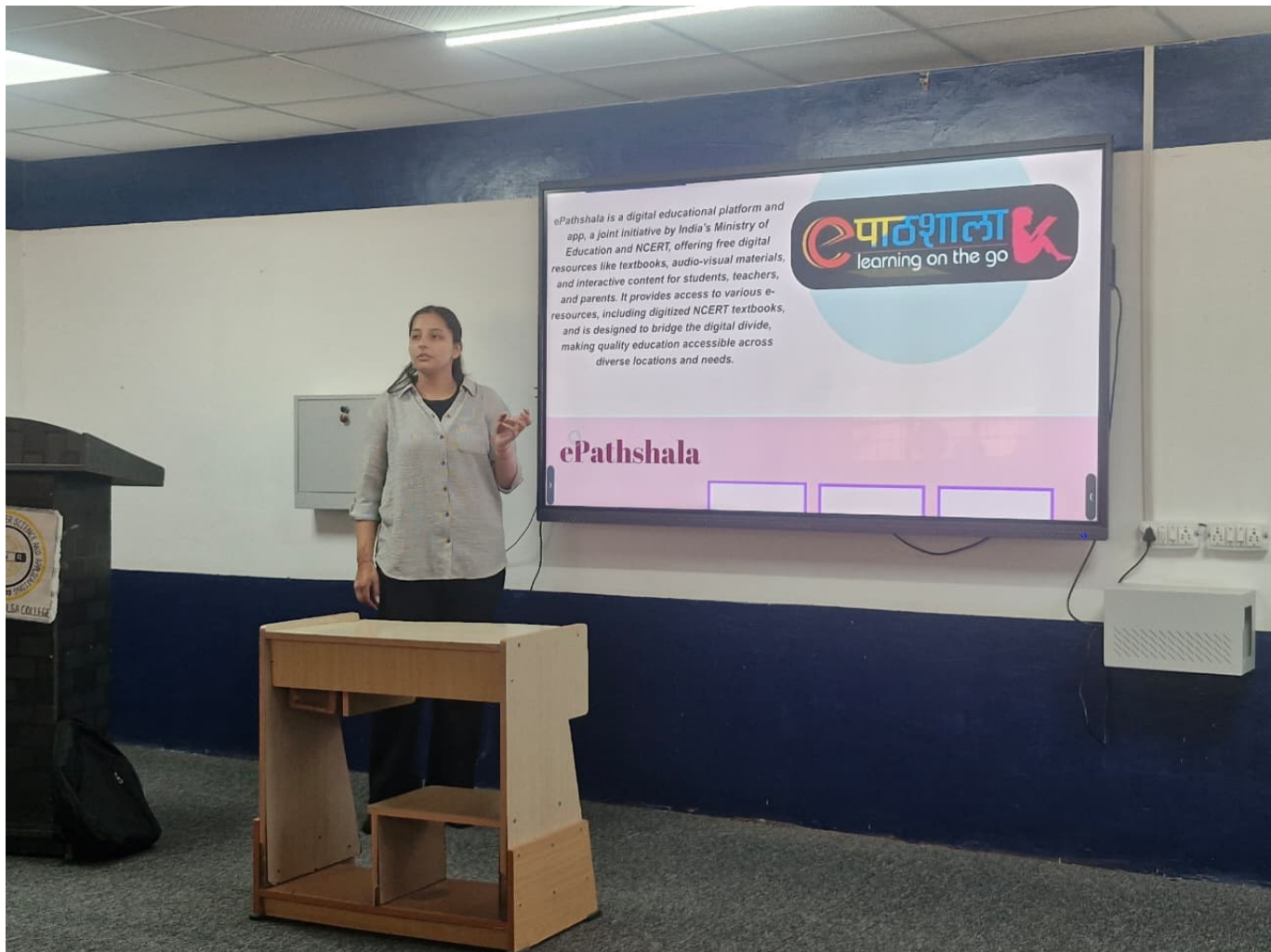
The event successfully enhanced students' understanding of digital transformation and its role in nation-building. It encouraged them to embrace technology not only as a career path but also as a means to contribute to India's growth as a Smart Nation. Students gained confidence in presenting, researching, and collaborating effectively.

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## Conclusion

The event **“Digital Empowerment: Transforming India into a Smart Nation”** was a great learning experience for the students of **BCA 1st Semester**. It aligned perfectly with the goals of the Institution’s Innovation Council (IIC) by fostering innovation, digital literacy, and entrepreneurial thinking among young learners.





ePathshala is a digital educational platform and app, a joint initiative by India's Ministry of Education and NCERT, offering free digital resources like textbooks, audio-visual materials, and interactive content for students, teachers, and parents. It provides access to various e-resources, including digitized NCERT textbooks, and is designed to bridge the digital divide, making quality education accessible across diverse locations and needs.

**eपाठशाला**  
learning on the go

**ePathshala**



Some  
common  
use  
platform

- 1 Facebook
- 2 YouTube
- 3 Snapchat
- 4 Instagram
- 5 WhatsApp

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# From Strategy to Success: Using SWOT and AI Tools in Your Startup Journey

**Organized by:**

**Institution's Innovation Council (IIC)**

in collaboration with the

**Department of Computer Science, Babbar Akali Memorial Khalsa  
College, Garhshankar**

**Date:** 11th October 2025

**Time:** 11:00 AM

**Venue:** ICT Lab

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## Objective of the Event

The main objective of this event was to enhance students' understanding of how to effectively use SWOT (Strengths, Weaknesses, Opportunities, and Threats) analysis and Artificial Intelligence (AI) tools to build, evaluate, and grow their startup ideas. The session aimed to bridge the gap between theoretical business strategy and practical AI-driven decision-making in entrepreneurship.

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## Event Overview

The session titled "*From Strategy to Success: Using SWOT and AI Tools in Your Startup Journey*" was conducted under the

banner of the Institution's Innovation Council (IIC) in collaboration with the Department of Computer Science. The event provided a platform for students to explore innovative startup strategies through modern analytical tools and AI-based solutions.

The session began with a brief introduction about the significance of innovation and AI in entrepreneurial success. Participants learned how to apply SWOT analysis effectively to assess their startup potential and how to integrate AI tools to gain market insights, optimize business operations, and make data-driven decisions.

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## Key Highlights

- Discussion on real-world startup challenges and strategic planning.
  - Demonstration of AI tools that can assist in idea validation and market analysis.
  - Guidance on identifying strengths and opportunities for sustainable startup growth.
  - Interactive Q&A session where students discussed their startup ideas and received expert feedback.
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## Resource Persons

- **Convenor:** Asst. Prof. Kamini
- **HOD:** Dr. Ajay Dutta
- **Principal:** Dr. Amandeep Heera

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## **Outcome of the Event**

The participants gained practical insights into how AI and SWOT analysis can collectively contribute to startup success. The event inspired several students to refine their business ideas and explore entrepreneurship as a viable career path. It also encouraged participants to adopt analytical and technology-based approaches in their future ventures.

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## **Conclusion**

The event was a great success, fostering innovation and strategic thinking among the students of the Department of Computer Science. The collaboration between the Institution's Innovation Council and the department successfully fulfilled its objective of promoting entrepreneurial learning through modern tools and frameworks.

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# **Computer Science Students Shines at GIGAGRID 2025-2026!**

## **Congratulations Message from the Principal**

The Department of Computer Science and Applications of B.A.M. Khalsa College, Garhshankar participated in GIGAGRID 2025-2026, held at S.G.G.S. Khalsa College, Mahilpur on 26th September 2025.

Our students showcased their talent and creativity by participating in various technical and creative events and brought laurels to the college.

**Winners:**

- **Harpreet Kaur (B.C.A. 5th Sem) – 2nd Position in IT IN COLORS**
- **Sania (B.C.A. 1st Sem) – 2nd Position in LOGOLI**
- **Princepreet Kaur (B.C.A. 3rd Sem) – 2nd Position in TECH TALK**
- **Anshita (B.C.A. 3rd Sem) – 2nd Position in TECH TALK**
- **Vishal (B.C.A. 3rd Sem) – Participated in LOGO DESIGNING**
- **Dishant Kumar, Paras, Rehan Rana (B.C.A. 3rd Sem) and Harpreet Kaur (B.C.A. 5th Sem) – Participated in IT RIPPLETS**

The students participated enthusiastically under the supervision of **Assistant Professor Kamini** and **Assistant Professor Narinder Jit Kaur**.

**Principal Dr. Amandeep Heera** congratulated all the participants and winners for their remarkable performance and appreciated the faculty members for their guidance and motivation. He encouraged the students to continue participating in such events to enhance their technical and creative skills.







