

NOUVELLE LIBERATION

Volume 12 Issue 3

Department of Computer Applications

Chitkara University, Punjab, India

Chitkara University, Punjab



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EDITORIAL TEAM

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ReelVerse

The Reel Making Competition: where ideas become stories in motion

On **14th July 2026**, the **Matrix Club**, under the aegis of the **Department of Computer Applications**, Chitkara University, Punjab, India, successfully organized “**ReelVerse – Reel Making Competition**” at **Le Corbusier Block**. Students came together to conceptualize, script, shoot and edit a complete reel, all against the clock.



AT A GLANCE

DATE

14 July 2026

TIME

11:00 AM onwards

VENUE

Le Corbusier Block

ORGANISED BY

Matrix Club, Department of Computer Applications

TEAM SIZE

Up to four members

REWARDS

Winners receive goodies

Concept. Script. Shoot. Edit. Present.



EVENT GALLERY

THE CHALLENGE

How the Competition Worked

The competition witnessed enthusiastic participation from students who competed in teams of **up to four members**. The event tested participants' ability to think creatively under pressure while making the most of their storytelling, cinematography and editing skills. Students explored innovative concepts, showed excellent teamwork, and transformed simple ideas into engaging short-form videos.

1

Pick a chit

One member from each team randomly picked a chit containing a unique topic, keeping the contest fair and original.

2

Conceptualize & script

Teams turned their assigned topic into a story, planning the idea and the script.

3

Shoot & edit

Within the given time frame, teams shot their footage and edited a complete reel.

4

Present to the panel

Each team presented its final reel before the judging panel.

THE JUDGING

What the Panel Looked For

Entries were evaluated on three major parameters:

01

Content & Creativity

02

Shooting & Cinematography

03

Editing & Overall Presentation

The event concluded with the announcement of the winning teams, who were recognized for their outstanding creativity and execution.

WHY IT MATTERS

Objectives & Outcomes

Objectives

- To encourage creativity and storytelling through short-form video content and to enhance students' skills in content creation, videography, and video editing.
- To promote teamwork, collaboration, and effective communication among participants and to provide students with hands-on experience in creating engaging digital content under time constraints.

Outcomes

Students would be able to:

- Develop creative thinking and visual storytelling abilities and enhance practical skills in mobile videography, cinematography, and video editing.
- Improve teamwork, communication, and coordination while working under deadlines.
- Gain confidence in content creation and digital media production and learn to transform spontaneous ideas into impactful and engaging social media content.

ReelVerse gave students a platform to showcase their digital media skills while encouraging innovation, collaboration and practical learning.

The Snapshot Race

A campus-wide photo hunt: observe, create, capture

On **30th July 2026**, the **Matrix Club**, under the aegis of the **Department of Computer Applications**, Chitkara University, Punjab, India, successfully organized “**Snapshot Race**” at **Le Corbusier Block**. Teams raced across campus to solve clues, strike creative poses and capture the perfect photograph.



AT A GLANCE

DATE

30 July 2026

TIME

11:00 AM onwards

VENUE

Le Corbusier Block

ORGANISED BY

Matrix Club, Department of Computer Applications

FORMAT

Team-based clue hunt

POINTS ON OFFER

5, 10, 15 and 20 (bonus)

REWARDS

Winners receive goodies

Hunt. Capture. Win.



EVENT GALLERY

THE CHALLENGE

How the Race Worked

Students competed in teams. Each team received a set of clues divided into different point categories, and the goal was to **complete as many clues as possible within the allotted time** while earning the highest number of points.

5

POINTS

10

POINTS

15

POINTS

20

BONUS TASKS

The clues sent participants out to explore the campus, observe their surroundings carefully, interact with fellow students and faculty members, recreate creative scenarios and capture photographs. Tasks included:

- Taking selfies at specific locations
- Recreating famous memes and movie posters
- Finding unique objects around campus
- Identifying people with particular characteristics
- Spotting campus wildlife
- Completing fun bonus challenges

THE VERDICT

Verification & Winners

After the activity, all teams submitted their photographs for verification. Submissions were evaluated on the successful completion of clues and the total points earned, and the team securing the highest number of valid points was declared the winner. The event concluded with the announcement of the winning team(s), who were appreciated for their outstanding performance and teamwork.

WHY IT MATTERS

Objectives & Outcomes

Objectives

- To encourage observation, creativity and problem-solving skills through an engaging campus-based activity.
- To promote teamwork, communication and collaboration while completing various challenges.
- To enhance students' photography, analytical thinking and time management abilities.
- To provide an enjoyable learning experience by combining exploration, creativity and healthy competition.

Outcomes

Students would be able to:

- Develop observation, analytical thinking and creative problem-solving skills.
- Enhance teamwork, leadership and communication through collaborative participation.
- Improve time management and decision-making while completing multiple tasks under deadlines.
- Build confidence by interacting with peers, faculty members and the campus community.
- Experience practical learning through a fun, engaging and competitive activity that encouraged exploration and creativity.

The Snapshot Race gave students an exciting platform for experiential learning while promoting collaboration, creativity and healthy competition.

Deeksha Aarambh

Orientation 2026: Student Induction Programme for Batch 2026

From **17th to 25th August 2026** at **Demorgan's Block**, the **Department of Computer Applications**, Chitkara University, Punjab, hosted the Student Induction Programme for the batch 2026. Over seven days, first-year students learned about the institutional policies, processes, practices, culture and values of the university.



THE STRUCTURE

Two Phases

Initial Phase

- Academic Registration and Admission formalities
- Institution Orientation
- Department Orientation: familiarization to Department and Campus

Regular Phase

- Mentoring cell
- Lecture and Expert sessions by Alumni
- Clubs and Society Introduction/Activities
- Physical activity @Happiness Centre

THE PROGRAMME

Welcome to Campus Life

The Student Induction Programme helped newcomers learn about the institution and settle into their new environment. It covered seven aspects:

01

Social Behavior

02

Culture and Values

03

Acceptance and Ease @campus

04

Learn to think and act Smart

05

Familiarity with new environment

06

Gaining the momentum with seniors and faculty

07

Team Spirit

You belong here. Now let's begin.

DAY 1 | 17 AUGUST 2026

Explore the World @ Chitkara

Chitkara University, Punjab conducted an orientation session for first-year BCA/MCA students as part of the Deeksha Aarambh program. It was designed to familiarize newcomers with the university's academic structure, diverse opportunities and vibrant campus life. Faculty members and senior students introduced academic programs, research opportunities, extracurricular activities and student support services, along with Chitkara's global collaborations. Through interactive presentations and discussions, students learned about the resources available to them and left motivated and excited to begin their educational journey.

[Watch the reel on Instagram](#)



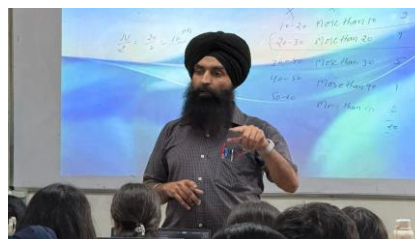
EVENT GALLERY

DAY 2 | 18 AUGUST 2026

Connect with Your Sole Guru

This special session aimed to inspire students to recognize their inner guiding force and understand the importance of self-awareness, discipline and values in their academic and personal lives. Through interactive discussions and reflective activities, students were encouraged to connect with their "sole guru", their inner self, which acts as a lifelong mentor. The session highlighted self-growth and responsibility as key drivers of success and concluded on a motivating note, leaving students with clarity, confidence and a positive outlook.

[Watch the reel on Instagram](#)



EVENT GALLERY

DAY 3 | 19 AUGUST 2026

Creativity at its Best @ Matrix

The Matrix Club introduction acquainted freshers with the club's vision, activities and opportunities that foster creativity, innovation and teamwork. Faculty mentors and senior club members shared how Matrix enhances students' technical and creative skills, and how the club encourages them to think out of the box, explore new ideas and develop problem-solving abilities. Freshers engaged enthusiastically with the presentations and expressed keen interest in becoming part of the club. The session ended with an open invitation to contribute their creativity and talent.



EVENT GALLERY

IN FOCUS

Workshops
Competitions
Collaborative projects

DAY 4 | 20 AUGUST 2026

Life@Campus: Happiness Club

This energetic session offered a refreshing break from academic sessions while promoting teamwork, creativity and confidence among freshers. It featured fun-filled activities, interactive games and engaging performances that encouraged students to showcase their hidden talents. Through dance, music and team-building tasks, participants expressed themselves freely and built stronger bonds with their peers. Faculty members and coordinators motivated students to embrace extracurricular opportunities alongside academics for holistic growth and personality development.

[Watch the reel on Instagram](#)



EVENT GALLERY

DAY 5 | 21 AUGUST 2026

Elevate Your Voice @ Art of Living Club

The Art of Living Club organized this session in collaboration with the International Art of Living Organization. It focused on developing confidence, effective communication, self-expression and a positive outlook. Students reflected on their personal strengths, and the speaker highlighted the importance of overcoming hesitation, building self-awareness and communicating effectively. Students were encouraged to step out of their comfort zones, and the insights apply in both academic and professional settings. The session was well received by students.



Students gaining an understanding on effective communication

EVENT GALLERY

DAY 6 | 24 AUGUST 2026

Tickle Your Green Cells with CSI

The CSI Club Introduction familiarized freshers with the objectives and activities of the Computer Society of India (CSI) student chapter on campus. Faculty coordinators and senior members shared CSI's vision of providing a platform for budding technologists to explore innovations, enhance technical knowledge and stay updated with the latest trends in the IT industry. Students showed enthusiasm to be part of the club, and the session ended with an invitation to nurture their "green cells" of creativity, curiosity and technical excellence.



EVENT GALLERY

IN FOCUS

Workshops
Technical talks
Competitions
Networking

Let's Connect

Chitkara University, Punjab organized this Counselling Awareness Drive for first-year BCA students, aimed at addressing the emotional well-being of freshers and guiding them through the initial challenges of university life. Ms. Charanjeet Kaur, Senior Student Counselor, interacted with the students and emphasized mental health, stress management and a balanced lifestyle. She also highlighted the counselling services available at the university and encouraged students to seek support whenever required.

The interactive discussion allowed students to share their thoughts, ask questions and learn coping strategies for academic and personal challenges. The event was organized by the Department of Computer Applications under the aegis of the National Service Scheme (NSS), Chitkara University, Punjab, and concluded on a positive note, leaving students more confident, aware and connected to the support systems on campus.



EVENT GALLERY

Seven days. Seven sessions.
One warm welcome to Batch 2026.

Organised by the Department of Computer Applications, Chitkara University, Punjab

Flash Mob

One club. One stage. One energy.

The **Matrix Club**, under the **Department of Computer Applications**, organized a vibrant and energetic **Flash Mob** on **8th September 2026** at **Outside Square 1**. The event commenced at **1:00 PM** and gave students an exciting platform to showcase their talent and creativity.



EVENT GALLERY

Perform. Express. Represent.

THE EVENT

One Common Stage

The Flash Mob was designed around the theme of **performance, expression and representation**, bringing students together on a common stage to celebrate their diverse talents. The event featured a variety of performances:

Dance

Singing

Music

Acting

& More

The event created an energetic atmosphere on campus and encouraged students to step forward, participate and express themselves through performance. The enthusiastic participation and lively performances highlighted the creativity, confidence and collaborative spirit of the students.

THE SPIRIT

Working Together

The Flash Mob also gave students an opportunity to work together as a team, coordinate their performances and create a memorable experience for the campus community. Through this initiative, the Matrix Club encouraged students to:

01

Perform

02

Express

03

Represent

04

Inspire

The event concluded on a highly energetic and positive note, leaving the audience and participants with an enjoyable and memorable campus experience.

WHY IT MATTERS

Objectives & Outcomes

Objectives

- To provide students with a platform to showcase their talent and creativity.
- To encourage students to actively participate in cultural and co-curricular activities.
- To promote teamwork, confidence, self-expression and collaboration among students.
- To create an energetic and engaging environment where students can perform, express and represent their club.
- To strengthen the spirit of unity, participation and togetherness among students.

Outcomes

Students would be able to:

- Showcase their creative and performing talents through various forms of expression.
- Develop greater confidence and stage presence.
- Enhance their ability to work effectively through teamwork and coordination.
- Participate actively in cultural and co-curricular activities.
- Develop a stronger sense of belonging, collaboration and representation through club activities.
- Gain an enjoyable and memorable experience through creative expression and collective participation.

Through the Flash Mob, the Matrix Club encouraged students to perform, express, represent and inspire.

WORKSHOP | 28 JULY 2026

AI-Driven Innovation for Startup Fundraising & Investor Pitching

Organized by the Computer Society of India (CSI) Student Chapter

OBJECTIVES

- To introduce students to AI-driven innovation and its role in developing new startup ideas, products, and business models and to familiarize participants with AI tools and technologies that can support startup ideation, market research, customer analysis, and business planning.
- To develop effective investor pitching skills, including structuring a compelling pitch deck and communicating a startup's value proposition and to provide insights into startup fundraising strategies, including understanding investor expectations, funding stages, and investment opportunities.
- To demonstrate how AI can strengthen business proposals through data-driven insights, market analysis, financial projections, and competitive analysis.

DESCRIPTION

The workshop “AI-Driven Innovation for Startup Fundraising & Investor Pitching”, organized under the Computer Society of India (CSI) at Chitkara University, aimed to equip students with the knowledge and practical skills required to leverage Artificial Intelligence in the startup ecosystem. The session explored how AI can support startup ideation, product innovation, market research, customer analysis, business model development, and competitive analysis. Participants also gained insights into effective fundraising strategies, investor expectations, and the key elements of a successful investor pitch. The session demonstrated how AI-powered tools can help create compelling pitch decks, generate data-driven insights, develop financial projections, and communicate business value effectively. Through practical examples and expert guidance, the workshop encouraged students to think innovatively, strengthen their entrepreneurial capabilities, and confidently transform their ideas into scalable and investment-ready startup ventures.

OUTCOMES

- Understand the role of Artificial Intelligence in startup innovation and entrepreneurship.
- Identify and use suitable AI tools for startup ideation, market research, and business planning.
- Develop innovative and AI-enabled business ideas and value propositions.
- Understand the fundraising process, funding stages, and investor expectations.
- Prepare a structured and compelling investor pitch and pitch deck.

Quantum Computing: Unlocking the Next Era of Digital Innovation



AT A GLANCE

DATE & TIME

29 July 2026, 11:00 AM onwards

VENUE

Pierre Hall, Chitkara University, Punjab (offline)

ORGANISED BY

CSI Student Chapter, Department of Computer Applications

RESOURCE PERSON

Bhanwar Gupta, IBM Quantum Ambassador & Lead Data Scientist

PARTICIPANTS

87

The Computer Society of India (CSI) presented an expert talk on quantum computing. As classical architectures reach the physical limits behind Moore's Law, quantum computing moves beyond binary states to process complex calculations at unprecedented speeds. The session bridged theoretical physics and practical computing, showing how qubits perform parallel evaluations to tackle problems that remain intractable for classical supercomputers.

What was covered

- Core principles: superposition, entanglement and quantum interference
- Applications in cryptography, molecular modeling, supply chain optimization and quantum machine learning
- The vulnerability of RSA/ECC encryption to Shor's algorithm and the roadmap to Post-Quantum Cryptography (PQC)
- Cloud-based quantum platforms: IBM Quantum, Google Quantum AI and AWS Braket

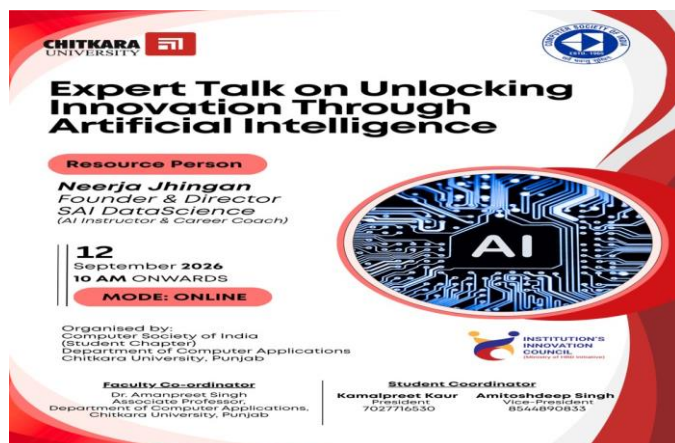
Outcomes

- Differentiate classical and quantum computational models
- Map quantum algorithms to real-world bottlenecks, from supply chains to drug discovery
- Recognize quantum threats to RSA/ECC and the steps toward PQC
- Start experimenting with circuit simulators and SDKs such as Qiskit
- Understand India's National Quantum Mission and the research and career paths it opens



EVENT GALLERY

Unlocking Innovation through Artificial Intelligence



AT A GLANCE

DATE & TIME

12 September 2026, 10:00 AM onwards

MODE

Online

ORGANISED BY

CSI Student Chapter, Department of
Computer Applications

RESOURCE PERSON

Ms. Neerja Jhingan, Founder & Director, SAI
DataScience (AI Instructor & Career Coach)

PARTICIPANTS

100

The session focused on using Artificial Intelligence to foster innovation and build industry-relevant solutions. It showed how academic AI/ML projects can become career-ready portfolio evidence, covering project evaluation, problem identification, dataset selection, technical decisions, validation, industry relevance, and presenting projects through GitHub, resumes, LinkedIn and interviews. Participants applied critical thinking to AI/ML projects and left with a structured roadmap to a professional, job-ready portfolio.

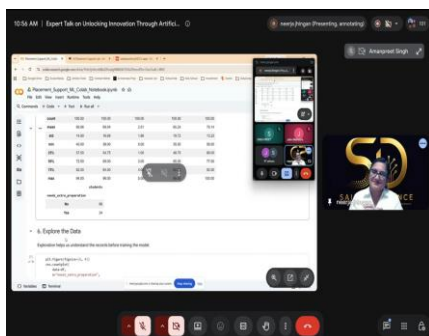
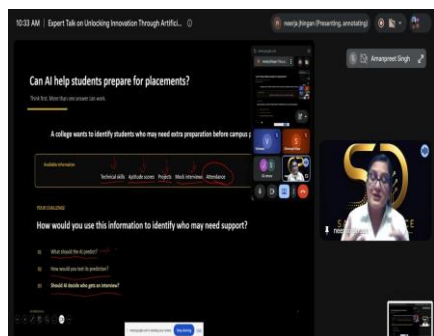
Objectives

- Immediate clarity on portfolio strengths, gaps and next actions and a stronger link between the BCA AI/ML curriculum and industry expectations
- Better quality, originality and career relevance of projects and capstones
- Anonymized evidence of student needs to inform a possible university collaboration and a scalable pathway to professional portfolios, placements and industry-ready graduates

Outcomes

- Evaluate a project with an employer-focused Portfolio Evidence Scorecard and distinguish between a tutorial, an academic submission, and credible job-ready work
- Select a project direction by target role, originality, feasibility, data quality and industry relevance
- Convert a dataset into a business problem and justify analysis or ML choices and identify missing evidence across process, decisions, validation, results, limitations and impact

EVENT GALLERY



IN FOCUS

Google Colab
Pandas & Seaborn
Supervised learning
Binary classification

Innovation Meets Cyber Security: Defending the Digital Frontier



AT A GLANCE

DATE & TIME

2 September 2026, 10:00 AM onwards

VENUE

Faraday Hall

ORGANISED BY

Department of Computer Applications, with Cyber Splunk and Cyber Academy, in collaboration with the Institution's Innovation Council (IIC)

RESOURCE PERSON

Mr. Tarun Malhotra, Cyber Security Compliance Auditor & Consultant; Founder & CEO, Cyber Splunk & Cyber Academy

STUDENTS ATTENDED

200

Mr. Malhotra shared insights into the rapidly evolving field of cyber security and the growing need to safeguard digital systems. He highlighted cyber security awareness, digital responsibility, technical adaptability and continuous upskilling, and gave students an industry perspective on compliance, auditing and consulting. The talk closed with an interactive Q&A on cyber security, industry practices, career opportunities and emerging trends.

Objectives

- Create awareness of the importance of cyber security in a rapidly evolving digital world
- Give insights into emerging threats, security practices and the role of innovation in protecting digital systems
- Bridge the gap between academic learning and industry-oriented knowledge

Outcomes

- Understand cyber security threats, risks and the importance of digital protection
- Gain practical insights into compliance, auditing and consulting
- See how innovation and emerging technologies strengthen digital security
- Learn about career opportunities and industry trends
- Build digital responsibility, technical adaptability and a mindset of continuous upskilling



EVENT GALLERY

COMPETITION | 10 SEPTEMBER 2026

Aivolve – Innovation2Screen

AI Video Making Competition • “Imagine It. Prompt It. Create It.”



The **Matrix Club**, under the aegis of the **Department of Computer Applications**, in collaboration with the **Institution's Innovation Council (IIC)**, organized an **AI Video Making Competition** titled “**Aivolve – Innovation2Screen**” on **10th September 2026**.

The competition was designed around the theme “**Imagine It. Prompt It. Create It.**”, encouraging students to explore the creative potential of Artificial Intelligence in video making and digital content creation. The event gave students an opportunity to transform their ideas and imagination into engaging visual content using AI-driven creative approaches. Participants experimented with technology while demonstrating their creativity, innovation, and storytelling abilities, on a platform where **technology and creativity could come together**. Registration was facilitated through a **QR code provided on the event poster**. The event served as an engaging platform for students to explore emerging AI-based creative possibilities and showcase their ability to combine **imagination, prompting, innovation, and digital storytelling**.

OBJECTIVES

- To provide students with a platform to explore Artificial Intelligence and creative video-making and to encourage students to transform their ideas and imagination into creative digital content using AI-based tools.
- To promote innovation, creativity, and technological experimentation among students.
- To encourage students to develop their skills in AI-assisted content creation and visual storytelling and to create awareness about the creative possibilities of combining technology, innovation, and multimedia.

OUTCOMES

Students were able to:

- Explore the use of Artificial Intelligence in creative video making and to develop their creative thinking and digital storytelling skills.
- Gain exposure to AI-assisted content creation and innovative digital tools.
- Apply their imagination and ideas to create engaging visual content and develop an innovative and experimental approach towards emerging technologies.



EVENT GALLERY

Critical Thinking on ISTQB Foundation Level (Chapter 1)



AT A GLANCE

DATE & TIME

31 July 2026, 11:00 AM onwards

MODE & VENUE

Hybrid, Demorgan Block

ORGANISED BY

Software Testing Club, Department of Computer Applications

RESOURCE PERSON

Smitha Menon, Senior Consultant

PARTICIPANTS

150

Chapter 1 of the ISTQB Foundation Level syllabus lays the groundwork for professional software testing, shifting the view of QA from a late-stage bug-hunting phase to a continuous quality management discipline. It sets out a rigorous terminology framework that separates human mistakes from the defects they introduce and the failures seen when flawed code runs, so teams can analyze root causes rather than treat surface symptoms.

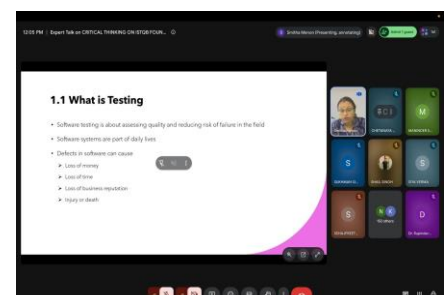
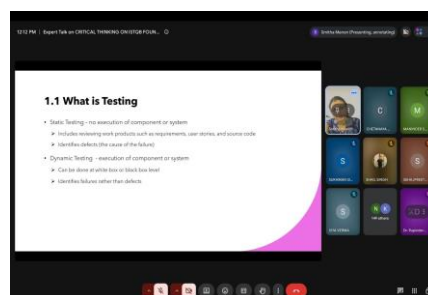
Objectives

- Differentiate testing from debugging: finding and evaluating versus fixing the root cause of a failure
- Understand the 7 principles of testing, such as defect clustering and the impossibility of exhaustive testing
- Trace the cost of quality: finding defects early in the SDLC reduces remediation costs
- Distinguish mistake, defect and failure and apply the whole-team approach to quality

Outcomes

- Articulate clear, measurable test objectives aligned with stakeholder expectations
- Trace failures back through defects to the originating human error, using precise ISTQB terminology
- Apply the 7 principles to test strategy, such as prioritizing high-risk modules
- Distinguish quality assurance, quality control and testing and justify early testing and static analysis to lower the total cost of quality

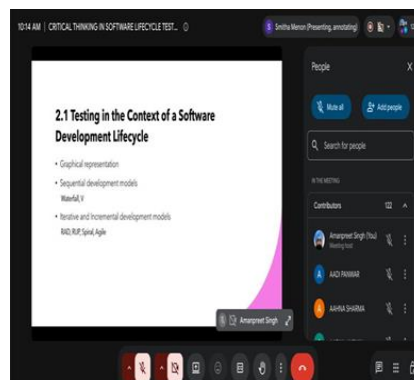
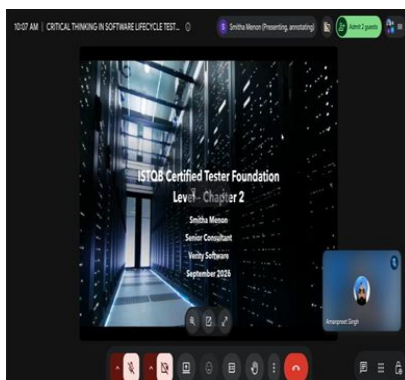
EVENT GALLERY



EXPERT TALK | 11 SEPTEMBER 2026

Critical Thinking in Software Lifecycle Testing

Expert talk aligned with ISTQB Foundation Level (Chapter 2)



OBJECTIVES

- To develop critical thinking skills among students for effective software testing and quality assurance.
- To understand the role of testing throughout the Software Development Life Cycle (SDLC), from requirements analysis to deployment and maintenance.
- To enhance analytical and problem-solving abilities for identifying defects, risks, and potential software failures.
- To introduce effective test planning and test design approaches based on critical evaluation of software requirements.

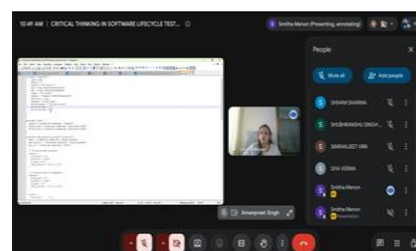
DESCRIPTION

The session was delivered by Ms. Smitha Menon, Senior Consultant, Verity Software, and focused on the role of effective testing practices throughout the Software Development Life Cycle. Aligned with ISTQB Foundation Level – Chapter 2, the session explored testing within different software development lifecycles, test levels and test types, and the significance of maintenance testing. Participants gained practical insights into applying critical thinking to testing activities, understanding quality considerations across the software lifecycle, and developing an industry-oriented approach to software testing and quality assurance.

OUTCOMES

- Students were able to apply critical thinking and analytical skills to software testing activities.
- Students gained a clear understanding of the importance of testing across different phases of the SDLC.
- Participants were able to identify potential defects, risks, and software quality issues more effectively.
- Students developed the ability to design appropriate and effective test cases based on software requirements and user expectations.

Event Gallery



Placements

Our students taking the next step in their careers.

38

STUDENTS PLACED

7

RECRUITING COMPANIES

18

OFFERS FROM GRAZITTI
INTERACTIVE

Sr. No.	Roll Number	Name	Company	Place
1	2510987020	KARTIK VASHISHT	Grazitti Interactive	Panchkula
2	2510987021	KAUSHLENDRA BAGHEL	Grazitti Interactive	Panchkula
3	2510987024	MALIKA GAUBA	Grazitti Interactive	Panchkula
4	2510987025	MANIK SHARMA	Grazitti Interactive	Panchkula
5	2510987027	MEHARDEEP KAUR	Green Call Technologies Pvt. Ltd.	—
6	2510987030	NAVROOP KAUR	Grazitti Interactive	Panchkula
7	2510987031	NISHANT KASHYAP	Grazitti Interactive	Panchkula
8	2510987032	NISHANT RANA	Grazitti Interactive	Panchkula
9	2510987035	RAGHAV VERMA	Grazitti Interactive	Panchkula
10	2510987036	RAHUL PRASHAR	Grazitti Interactive	Panchkula
11	2510987037	RAJAT DHIMAN	Grazitti Interactive	Panchkula
12	2510987040	SIMRAN KAUR	Grazitti Interactive	Panchkula
13	2510987041	SIMRAN KAUR TIWANA	Grazitti Interactive	Panchkula
14	2510987051	GAURISH GAUTAM	Grazitti Interactive	Panchkula
15	2510987054	MOKSH JASSAL	Grazitti Interactive	Panchkula
16	2510987055	NAVNISH RAJPUT	Grazitti Interactive	Panchkula
17	2510987057	RAGHAV GUPTA	Grazitti Interactive	Panchkula
18	2510987058	RAHUL SINGH	Grazitti Interactive	Panchkula
19	2510987069	DOLPHI VERMA	ThinkNEXT Technologies Pvt. Ltd.	Mohali
20	2510987071	VISHAL KUMAR	Grazitti Interactive	Panchkula
21	2410997001	AADI JAIN	Managed IT Hub	Zirakpur, Punjab
22	2410997006	AANYA RAJPUT	Maxonic	Gurugram
23	2410997009	AAYRA	Revelocity	Mohali, Punjab
24	2410997053	ANUSHIKA	Maxonic	Gurugram
25	2410997057	ARSHDEEP DHIMAN	Maxonic	Gurugram
26	2410997068	AVNEET KAUR	Managed IT Hub	Zirakpur, Punjab
27	2410997076	BHAVYA KUMAR	Revelocity	Mohali, Punjab
28	2410997092	DEVANSHI RAI	Maxonic	Gurugram
29	2410997119	GURSHAAN SADANA	Revelocity	Mohali, Punjab
30	2410997152	INESH PARKASH GAUR	Managed IT Hub	Zirakpur, Punjab
31	2410997180	KEEMAT SINGH CHAHAL	Managed IT Hub	Zirakpur, Punjab
32	2410997214	MANNAN LAKHANPAL	Maxonic	Gurugram
33	2410997226	MOKSHA	Maxonic	Gurugram
34	2410997229	MRIDHU	Revelocity	Mohali, Punjab
35	2410997240	NIHARIKA DUREJA	Revelocity	Mohali, Punjab
36	2410997241	NIMARDEEP KAUR	Maxonic	Gurugram
37	2410997359	TRISHA	Managed IT Hub	Zirakpur, Punjab
38	2410997255	PARSHAV JAIN	Apogee Services Pvt. Ltd.	Lucknow

RESEARCH

Publications and Patents

Scholarly contributions by our faculty and students

4

JOURNAL ARTICLES

7

CONFERENCE PAPERS

5

BOOKS & CHAPTERS

2

PATENTS

S. No.	Authors	Publication Title	Journal / Book / Conference
1	Suman Avdhesh Yadav, Varun Malik, Smita Sharma, S Vikram Singh, Abdul Khader Jilani Saudagar, Heba G Mohamed, Seada Hussien	Federated Learning with IoT-Based Remote Patient Monitoring For Real-Time Chronic Disease Prediction	Journal of King Saud University Computer and Information Sciences
2	Rupinder Singh, Amanpreet Singh, Jaswinder Singh	Emerging Trends and Challenges in Remote Sensing for Irrigation of Horticultural Crops	Book Chapter
3	Puninder Kaur, K. R. Ramkumar, Amanpreet Kaur	An Empirical Study on Vulnerability Detection Using Word Embedding and Machine Learning Models on CVE Datasets	7th International Conference on Computing, Communication and Automation (ICCCA)
4	Jaswinder Singh, Rupinder Singh, Amanpreet Singh	Precision Agriculture, Irrigation Management, and Monitoring using Hyperspectral Remote Sensing and AI	Book Chapter
5	Neelam Dahiya, Nitin Arora, Gurwinder Singh, Sartajvir Singh	Land Cover Classification Using Hyperion EO-1 Data: A Case Study in Uttar Pradesh, India	Book Chapter
6	Navneet Garg, Rupinder Singh, Rajesh Kumar Kaushal, Naveen Kumar	Harnessing the Power of AI in Blockchain and IoT: Challenges and Solutions	3rd International Conference on Applied Data Science and Smart Systems
7	Pallavi Nagpal, Deepika Chaudhary, Jaiteg Singh	Unshielding the Mysteries for Revitalizing Tea Production in District Kangra Himachal Pradesh through Technological Advancements	3rd International Conference on Applied Data Science and Smart Systems
8	Ruchi Mittal, Megha Bhushan	Can AI-based Crop Health Monitoring and Predictive Analytics Attain Sustainable Crop Production?	Journal of Agricultural Research
9	Luvya Aggarwal, Nishu Bali, Rajesh Kaushal, Naveen Sharma, Jaiteg Singh	A Look into Blockchain in Healthcare: Benefits, Challenges, Progress and Solutions	Conference of Applied Data Science and Smart Systems
10	Dhruv Shridhar, Nishu Bali, Aditya Acharya, Aniket Sharma, Anurag Saini, Neelam Dahiya, Deepika Chaudhary	Development of Intra-organisation Navigation System – RASTE	Conference of Applied Data Science and Smart Systems
11	Amanpreet Singh, Rupinder Singh, Jaswinder Singh	Platform Engineering for Cloud-Native Applications	Book Chapter
12	Varun Malik, Asma AlJarullah, Tahani Alsubait, Amna Ikram, S. B. Goyal, Mudassir Khan	Explainable Artificial-Intelligence Based Hyperspectral Image Analysis for Leaf Disease Detection in Intercropping System	Journal of Frontiers in Plant Science – Sustainable and Intelligent Phytoprotection
13	Vandana, Kaparti Swathi, Mohd Arshad, Sreedhar Kollem, Vundrajavarapu Ajay Kumar, S. Kaliappan	GeoVision-HybridNet: A Context-Aware Hybrid Deep Learning Model for Automated Detection of Forest Degradation Using High-Resolution Satellite Images	International Conference on Computing Theory and Wireless Communication – IEEE CCWC 2026
14	Payal Kaushal, Dr. Meenu Khurana, Dr. K. R. Ramkumar	An Enhanced Routing Algorithm to Mitigate Energy and Time Delay Related Issues in VANET Communication	International Journal of Applied Science and Engineering
15	Sartajvir Singh, Neelam Dahiya, Maged Mohammed, Abdullah Alzharihi, Vishal Dutt	Hyperspectral Remote Sensing for Sustainable Agriculture	Book
16	Simran, Shiva Mehta, Vinay Kukreja	Explainable Knee Osteoarthritis Diagnosis Using a Hybrid Vision Transformer-CNN Model with Grad-CAM Visualization	2025 1st International Conference on Advancement in Futuristic Technologies (ICAFT)
17	Amanpreet Singh, Gunjan, Delci Garg, Jaswinder Singh, Rupinder Singh	Automatic IV Monitoring by Video and Image Processing	Patent
18	Amandeep Kaur	Adaptive Caller Authentication And Phishing Detection System	Patent



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EDITORIAL SECTION

We present the current issue of our newsletter and we hope to get due feedback from our readers which can help us in improving our next issues.

“Happy Reading”

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