

Dr. Akhilesh Das Gupta Institute of Professional Studies (ADGIPS)



QUBIT 2025

Department of Computer Science & Engineering



Where Innovation Meets Intelligence



HON'BLE CHAIRPERSON, BBD, LUCKNOW

“

Innovation requires passionate explorers who propel transformation at the workplace. With an ever-changing global scenario, the key to success is responding to the complex and rapidly changing issues in the world of information technology. The Department of Computer Science & Engineering of ADGIPS is always making efforts to justify these points

We impart an education that is based on consciousness and we rear a breed of young minds that are bustling with self-confidence, motivation, and ever ready to take up challenges. The campus, sports, and academic facilities all bear testimony to this effort. In order to promote an internationally acceptable education, our key focus has been on overall development.

Proficiency in computing technology has become essential for modern-day managers, business leaders, entrepreneurs, and other professionals. It is a welcome development. I look forward to QUBIT 2025 setting a higher pedestal. I wish to QUBIT editorial team a grand success!



MRS. ALKA DAS GUPTA

HON'BLE PRESIDENT, BBD, LUCKNOW



MR. VIRAJ SAGAR DAS

“

I feel so delighted to find that the path of creativity and innovation is consistently followed by the Department of Computer Science & Engineering. It always encourages its students to actively participate and compete in various competitions and events to show their abilities towards the new platforms of technology

A great part of the magazine is the fact that it brings us a bouquet of topics which are of utmost relevance and interest to all. It is a great pleasure for me to get to know all the activities and achievements of the Department of Computer Science & Engineering of Dr. Akhilesh Das Gupta Institute of Professional Studies in the form of such an interactive read. I convey my best wishes for the success of QUBIT 2025

HONOURABLE DIRECTOR , ADGIPS



**PROF. (DR.) NIRANJANA
BHATTACHARYYA**

— “ —

Dr. Akhilesh Das Gupta Institute of Professional Studies (ADGIPS) is now in its 20 year with great success as a premier technical institution. It has emerged as one of the most preferred institutes of Engineering, Management & Law.

We are today among the best education providers in the GGSIPU system. Our results are exemplary both from the point of view of merit as well as from the placement perspective. Our students have been placed in the best organizations of the country. Many have gone abroad for higher studies. The last Seven years have been a challenging and rewarding experience for us.

Babu Banarsi Das International Group of Educational Institutions has evolved as a symbol of quality education dedicated to nurture the talent and aspiration of the dynamic, vibrant & bright youth of our country. Globalization has brought in its wake an emphasis on consumer concerns, such as quality (quality assurance is the need of the hour for continuous upgradation), infrastructure and teaching learning processes. Economic restructuring of any country heavily depends on the institution's performance and technology-driven teaching practices. Dr. Akhilesh Das Gupta Institute of Professional Studies, New Delhi has introduced such practices to develop young students as engineers to meet these demands of society. Our students are creative and highly professional.

HOD CSE, ADGIPS

“

Once an author very rightly said that “Listen to the people who love you. Believe that they are worth living for even when you don't believe it.” The Educational System of ADGIPS is not limited to a defined curriculum only but to develop and cheer all the spheres of people especially students associated with.

ADGIPS's Department of Computer Science & Engineering always works in the direction of enhancement of Entrepreneurial abilities among the students and helps them in working on those relevant projects which can act as a landmark for our developing society. Department of Computer Science & Engineering is a cluster of some of the great scientific research fields which when together work upon gives wings to dreams to touch the sky of reality. Students of Computer Science & Engineering are placed with top IT companies. Department of Computer Science & Engineering always works towards developing engineers with a rich set of technical, managerial, ethical and social skills so that they can contribute to nation building



**DR. MEGHA GUPTA
(HOD, CSE, ADGIPS)**

DR. AKHILESH DAS GUPTA INSTITUTE OF PROFESSIONAL STUDIES, NEW DELHI

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING VISION & MISSION



VISION

To produce socially responsible technocrats, researchers, and entrepreneurs in the field of Computer Science and Engineering.

MISSION

To provide quality education in the field of computer science.

To inculcate professional behavior, strong ethical values, and leadership skills among students.

To provide a platform for promoting entrepreneurship and multidisciplinary activities.

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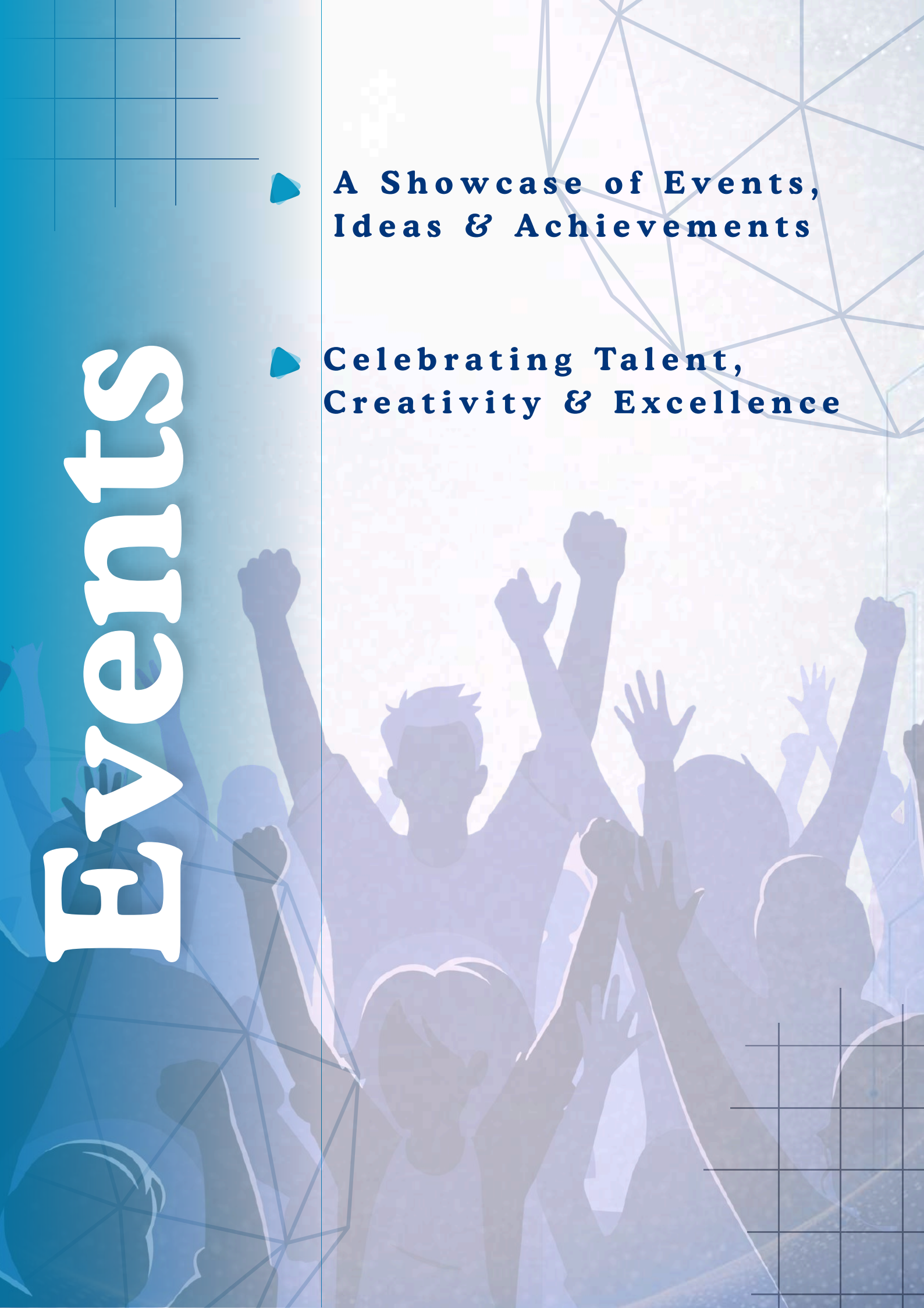
STUDENT 'S CORNER

PLACEMENTS



Events

- ▶ **A Showcase of Events, Ideas & Achievements**
- ▶ **Celebrating Talent, Creativity & Excellence**



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ORGANIZED

Career Guidance Workshop GeeksforGeeks ADGIPS

EVENTS DETAILS



FEBRUARY 3, 2025



Auditorium, ADGIPS



OFFLINE MODE



CSE Department

Objective

- To provide students with clear guidance on career planning and future opportunities.
- To create awareness about competitive exams like GATE and ESE.
- To motivate students to set goals and work strategically toward their careers.

Activities

- Expert talk by Mr. Chandan Jha on career growth and exam preparation.
- Interactive Q&A session to address students' doubts and concerns.
- Sharing of real-life industry experiences and success strategies.

Event Summary

- GeeksforGeeks ADGIPS conducted a Career Guidance Workshop on February 3, 2025, at the ADGIPS Auditorium, led by Mr. Chandan Jha, Ex-ISRO Scientist and Associate Vice President at GeeksforGeeks. He shared valuable insights on career planning and competitive exams like GATE and ESE. Students actively participated and gained clarity about their future career paths. The session was informative, motivating, and impactful.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ORGANIZED

Faculty Development Program

Cyber Security using AI

EVENTS DETAILS



10–15 FEBRUARY 2025



**EICT Academy, IIT
Kanpur**



ONLINE MODE



CSE Department

Objective

- To enhance faculty knowledge of AI-based cybersecurity concepts and tools.
- To provide insights into threat detection, risk management, and emerging technologies.
- To prepare faculty for future challenges in the field of cyber security.

Activities

- Expert lectures by IIT Kanpur faculty and industry professionals.
- Hands-on sessions with real-world case studies and tools.
- Interactive discussions on ethical hacking, blockchain security, and incident response.

Event Summary

- ADGIPS, in association with EICT Academy, IIT Kanpur, organized a six-day online FDP on Cyber Security using AI from 10–15 February 2025. The program featured expert sessions covering AI-driven security solutions, ethical hacking, blockchain, and future trends. Faculty members actively participated and gained practical exposure to advanced cybersecurity techniques. The FDP concluded with blockchain-based certification, making it a highly informative and impactful learning experience.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

BizVisions
**Shaping Tomorrow's
Enterprises**

EVENTS DETAILS



20 FEBRUARY 2025



**CSE Smart Room,
ADGIPS**



OFFLINE MODE



CSE Department

Objective

- To promote entrepreneurial thinking and innovation among students.
- To develop presentation, communication, and teamwork skills.
- To encourage students to design feasible real-world business models.

Activities

- Team-based business model preparation.
- PowerPoint presentation by each team.
- Evaluation based on innovation, feasibility, and clarity.
- Announcement of results and certificate distribution.

Event Summary

- BizVisions – Shaping Tomorrow's Enterprises was conducted on 20 February 2025 at ADGIPS to encourage entrepreneurial skills among students. Teams presented innovative business ideas using PPTs and were evaluated on creativity and feasibility. The event witnessed enthusiastic participation from multiple teams. Winners were awarded, and all participants received e-certificates. Overall, the session was engaging and impactful.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

AI Web Flow Challenge:-
**Landing Page
Revolution**

EVENTS DETAILS



20 FEBRUARY 2025



**CSE Smart Room,
ADGIPS**



OFFLINE MODE



CSE Department

Objective

- To introduce students to AI-assisted web development techniques.
- To enhance skills in UI/UX design and responsive web layouts.
- To encourage innovation using AI tools in modern web technologies.

Activities

- Designing a theme-based responsive landing page.
- Using AI tools for layout, content, and design optimization.
- Live project building within a 1.5-hour time limit.
- Evaluation and certificate distribution.

Event Summary

- The AI Web Flow Challenge was conducted on 20 February 2025 at ADGIPS to promote AI-driven web development. Participants designed responsive landing pages using AI tools within a limited time. The event witnessed active participation and creative solutions. Winners were announced and e-certificates were awarded. Overall, the session was innovative and engaging.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

Project Prism

EVENTS DETAILS



20 FEBRUARY 2025



CSE Lab 1, ADGIPS



OFFLINE MODE



CSE Department

Objective

- To encourage creativity and innovation in project development.
- To enhance students' technical and problem-solving skills.
- To provide a platform to showcase practical applications of computer science.

Activities

- Project development and preparation by participants.
- Live project presentations and demonstrations.
- Evaluation based on creativity, technical accuracy, and utility.
- Announcement of results and certificate distribution.

Event Summary

- Project Prism was conducted on 20 February 2025 at ADGIPS to promote technical innovation among students. Participants presented original projects showcasing real-world applications of computer science concepts. The event witnessed enthusiastic participation and healthy competition. Winners were announced, and e-certificates were awarded to all participants. Overall, the session was engaging and impactful.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

Prompt Tales

EVENTS DETAILS



20 FEBRUARY 2025



CSE Lab 1, ADGIPS



OFFLINE MODE



CSE Department

Objective

- To promote creative storytelling using AI tools.
- To enhance students' understanding of prompt engineering techniques.
- To encourage innovation through AI-generated visuals and narratives.

Activities

- Group-based story creation using AI tools.
- Generating visual content through AI image tools.
- Experimentation with different prompt styles.
- Evaluation and certificate distribution.

Event Summary

- Prompt Tales was conducted on 20 February 2025 at ADGIPS to promote AI-driven storytelling. Participants created narratives and visuals using prompt engineering techniques. The event encouraged creativity and innovation. Winners were announced and e-certificates were awarded to all participants. Overall, the session was engaging and impactful.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

ClarityCraft
Refining Research
Abstracts

EVENTS DETAILS



20 FEBRUARY 2025



CSE Lab 1, ADGIPS



OFFLINE MODE



CSE Department

Objective

- To improve students' research writing and academic communication skills.
- To develop the ability to write clear, concise, and well-structured abstracts.
- To enhance students' understanding of technical accuracy in research writing.

Activities

- Distribution of a research abstract for rewriting.
- Individual 30-minute writing task.
- Evaluation based on clarity, coherence, conciseness, and originality.
- Announcement of results and certificate distribution.

Event Summary

- ClarityCraft – Refining Research Abstracts was conducted on 20 February 2025 at ADGIPS to enhance students' academic writing skills. Participants individually rewrote a given abstract focusing on clarity and coherence. The event encouraged critical thinking and effective research communication. Winners were announced and e-certificates were awarded to all participants. Overall, the session was intellectually engaging and impactful.

**DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED**

**Expert Lecture on
“Role of AI and Converging
Technologies in Building Smart Cities”**

EVENTS DETAILS



20 MARCH 2025



ADGIPS, DELHI



OFFLINE



**B.Tech (CSE) 2nd &
3rd Year Students**

Objective

- To enhance understanding of AI-driven innovations in urban development.
- To explore AI's role in creating sustainable and socially inclusive smart cities.
- To provide insights into resource management and urban planning.

Activities

- Inauguration: Welcome address and memento presentation to Dr. Ihtiram Raza Khan.
- Expert Talk: Insights on optimizing traffic flow, public transport, and city layouts.
- Sustainability Focus: Discussions on AI in energy consumption and waste management.

Event Summary

On March 20, 2025, the Department of Computer Science & Engineering, ADGIPS, organized an expert lecture titled "Role of AI and Converging Technologies in Building Smart Cities." Delivered by Dr. Ihtiram Raza Khan (Jamia Hamdard), the session enlightened B.Tech CSE students on the transformative impact of AI in shaping sustainable, efficient, and socially inclusive future urban environments.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

FDP
(Applied AI: Practical Implementations)

EVENTS DETAILS



7 TO 11 APRIL 2025



10:00 AM TO 3:00 PM



ONLINE MODE



CSE Department

Objective

- To familiarize faculty with the latest tools and technologies in Artificial Intelligence.
- To provide in-depth knowledge of Machine Learning and Deep Learning algorithms.
- To equip participants with practical skills for application in academia and research.

Activities

- Day 1: AI Tools and Technologies
- Day 2: Deep Dive into Machine Learning
- Day 3: Deep Learning Algorithms
- Day 4: NLP Fundamentals and Generative AI Basics
- Day 5: Responsible AI, Pedagogy, and Ethical Implications.

Event Summary

The Faculty Development Program on 'Applied AI: Practical Implementations', organized by the Department of Computer Science & Engineering, ADGIPS Delhi in association with Techsaksham, was held from April 7-11, 2025. The virtual event aimed to equip academic professionals with practical knowledge of AI, machine learning, and deep learning, while also addressing teaching strategies suitable for the rapidly changing AI landscape.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

Industrial Visit (DCRUST Murthal)

EVENTS DETAILS



AUGUST 30, 2024



DCRUST Murthal



OFFLINE MODE



**CSE Department /
50+ Students**

Objective

- To create awareness about the AICTE IDEA Lab and its role in innovation.
- To familiarize students with modern tools and facilities for hands-on learning.
- To encourage experiential learning, design thinking, and research-based projects.

Activities

- Welcome Session: Introduction to AICTE IDEA Lab concepts by host faculty.
- Lab Overview: Tour of facilities, equipment, and resources for startups.
- Demonstrations: Live showcase of design tools and fabrication equipment.

Event Summary

The Department of Computer Science & Engineering, ADGIPS, organized an Industrial Visit to DCRUST Murthal on August 30, 2024. The visit aimed to provide 50+ students with exposure to the AICTE IDEA Lab, bridging the gap between academic learning and practical application through demonstrations of innovation tools and prototyping facilities.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

FDP (Data Analytics Using AI)

EVENTS DETAILS



SEPT 16- 27, 2025



5:30 PM – 7:00 PM



ONLINE MODE



CSE Department

Objective

- To equip faculty members with core concepts of Data Analytics and AI-driven techniques.
- To provide hands-on experience with Python-based analytics tools and machine learning models.
- To bridge the gap between theoretical knowledge and practical, real-world applications.

Activities

- Expert sessions on data analytics, machine learning, and AI integration.
- Hands-on practice using Python-based analytics libraries.
- Structured coverage of EDA, preprocessing, ML models, and case studies.

Event Summary

The Department of Computer Science & Engineering, ADGIPS Delhi, in association with EICT-IIT Kanpur, organized an eleven-day Faculty Development Programme on Data Analytics Using AI from September 16 to 27, 2025. The virtual FDP focused on building strong foundations in data analytics, machine learning, and AI-driven decision-making through hands-on sessions and real-world case studies. Faculty members actively participated and enhanced their technical and practical expertise.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

SDP (IoT with Drones)

EVENTS DETAILS



**18 - 23 SEPTEMBER
2025**



7:30 PM – 9:30 PM



VIRTUAL MODE



**129 Students (All
B.Tech Branches)**

Objective

- To introduce participants to the fundamentals of IoT and its integration with Unmanned Aerial Vehicles (UAVs).
- To provide hands-on experience in drone operation and IoT-based data acquisition.
- To discuss emerging technologies and applications in fields like agriculture and surveillance.

Activities

- Day 1: Introduction to IoT and Drone Fundamentals
- Day 2: IoT Integration with UAVs.
- Day 3: Drone Navigation and Control Systems
- Day 4: Applications
- Day 5: Challenges, Future Trends & Hands-On Practice.

Event Summary

The Department of Computer Science & Engineering successfully organized a One-Week Student Development Program (SDP) on "IoT with Drones" in collaboration with EICT Academy, IIT Kanpur from September 18–23, 2025. The virtual program focused on enhancing participants' understanding of integrating IoT with drone technologies, highlighting innovative applications in sectors such as agriculture, surveillance, and logistics.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

Industrial Visit (Mother Dairy Plant)

EVENTS DETAILS



7 OCTOBER 2025



**MOTHER DAIRY PLANT,
PATPARGANJ, DELHI**



OFFLINE



**50 Students (B.Tech
CSE 2nd & 3rd Year)**

Objective

- To offer practical insights into large-scale dairy processing operations.
- To familiarize students with automated machinery and quality assurance protocols.
- To bridge the gap between theoretical knowledge and real-world applications.

Activities

- Welcome Session: Students were received with a welcome drink of flavoured milk.
- Video Presentation: A briefing on the history and operational excellence of Mother Dairy.
- Guided Plant Tour: Observation of automated units for pasteurization, packaging, and cold storage.
- Hospitality: The visit concluded with the distribution of ice creams and gifts to all participants.

Event Summary

On October 7, 2025, the Department of Computer Science & Engineering, ADGIPS Delhi, organized an industrial visit to the Mother Dairy Plant in Patparganj. Fifty students from the 2nd and 3rd years, accompanied by three faculty members, toured the facility to gain practical exposure to dairy processing technologies, supply chain management, and quality control systems.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

ORGANIZED

Alumni Talk

“Learn the Secrets of Cracking Infosys Placement”

EVENTS DETAILS



11 OCTOBER 2025



12:00 PM – 1:00 PM



ONLINE MODE



CSE Department

Objective

- To familiarize students with the Infosys recruitment and selection process
- To guide students in preparing for aptitude, technical, and HR rounds
- To enhance problem-solving, communication, and interview skills

Activities

- Detailed explanation of the Infosys placement process
- Guidance on preparation strategies for C, C++, Java, DBMS, and Operating Systems
- Discussion on the importance of soft skills, confidence, and communication

Event Summary

The Department of Computer Science & Engineering, ADGIPS Delhi, conducted an Online Alumni Talk on “Learn the Secrets of Cracking Infosys Placement” on 11 October 2025 via Google Meet. The session, led by Infosys alumni, provided practical placement guidance to over 80 students.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

Design Alchemy 2025
**A Fusion of
Creativity and Innovation**

EVENTS DETAILS



OCTOBER 15, 2025



CSE Lab 2, ADGIPS



OFFLINE MODE



CSE Department

Objective

- To encourage creative thinking and innovation in digital design.
- To enhance students' design thinking, visualization, and conceptual skills.
- To promote awareness of design aesthetics, usability, and user-centric design.

Activities

- Distribution of a design brief to participants.
- Creation of digital designs such as posters and UI/UX layouts.
- Evaluation of submissions based on creativity, relevance, and presentation quality.
- Declaration of results and recognition of winners.

Event Summary

- Design Alchemy 2025 – A Fusion of Creativity and Innovation was organized by the Department of Computer Science & Engineering, ADGIPS Delhi, on October 15, 2025. The intra-college design competition encouraged students to blend artistic creativity with digital design principles. Out of 50 registered students, 31 actively participated and showcased innovative design concepts. The event was well received and successfully promoted creativity, design awareness, and innovation among participants.

**DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED**

Mind Matrix Quiz Competition

EVENTS DETAILS



OCTOBER 15, 2025



CSE Lab 3, ADGIPS



OFFLINE MODE



CSE Department

Objective

- To strengthen students knowledge of computer science fundamentals and emerging technologies.
- To enhance logical reasoning, analytical thinking, and technical aptitude.
- To promote healthy competition and teamwork .

Activities

- Conducting a multi-round technical quiz competition.
- Questions based on computer fundamentals, emerging technologies, logical reasoning, and tech awareness.
- Evaluation, result declaration, and certificate distribution.

Event Summary

- Mind Matrix – Quiz Competition was organized by the Department of Computer Science & Engineering, ADGIPS Delhi, on October 15, 2025. The event brought together students from CSE, IT, AIML, and MBA streams to test their technical and logical skills through an interactive quiz format. Out of 50 registered students, 16 actively participated and showcased strong analytical abilities. The competition was engaging, well-organized, and intellectually stimulating, encouraging students to stay updated with technological advancements.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

LOGO CREATION COMPETITION

EVENTS DETAILS



OCTOBER 15, 2025



CSE Lab 1, ADGIPS



OFFLINE MODE



CSE Department

Objective

- To inspire creativity and imagination among students.
- To introduce participants to the fundamentals of graphic design.
- To encourage the creation of original and meaningful logos using digital tools.
- To provide a platform for visual expression of ideas.

Activities

- Tool Usage: Participants were restricted to using Canva only to ensure a standardized design environment.
- Incentives: E-certificates were provided to all participants, with special Certificates of Appreciation for the top three winners.

Event Summary

- The 'Logo Creation Competition', held on October 15, 2025, was organized to foster aesthetic skills and creativity among students. Participants were tasked with designing unique logos within a 1-hour timeframe using Canva. The event emphasized originality and allowed students to explore graphic design fundamentals in a competitive yet encouraging environment.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

CREATE PROMPTOLOGY EVENT

EVENTS DETAILS



OCTOBER 15, 2025



**CSE Smart room,
ADGIPS**



OFFLINE MODE



Cse Department

Objective

- To combine text-based storytelling with visual storytelling through AI-generated art.
- To teach and test prompt engineering techniques in a competitive setting.
- To encourage experimentation with AI models to craft immersive narratives.

Activities

- Collaborative Effort: The event was conducted on a group basis, fostering teamwork.
- Core Challenge: Teams competed to produce the most creative outputs using AI tools within a 60-minute limit.

Event Summary

- The "AI Promptology" event, held on October 15, 2025, explored the intersection of technology and creativity. Teams used AI models to craft narratives and generate corresponding visuals, fostering an immersive storytelling experience. The event served as a practical application of prompt engineering, challenging students to control AI outputs for creative expression.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
ORGANIZED

SDP
**(Fundamentals of C
Programming)**

EVENTS DETAILS



**13 TO 17 OCTOBER
2025**



6:00 PM to 8:00 PM



ONLINE MODE



CSE Department

Objective

- To develop a strong understanding of basic programming concepts in C
- To enhance logical thinking and problem-solving skills
- To introduce basic algorithms and program implementation
- To familiarize students with input/output operations

Activities

- Day 1: Basics of C programming
- Day 2: Input/output statements and libraries
- Day 3: Functions and parameters
- Day 4: Arrays and strings
- Day 5: Pointers and structures

Event Summary

The One Week Student Development Program on 'Fundamentals of C Programming', organized by Department of Computer Science & Engineering, ADGIPS Delhi along with EICT Academy, IIT Kanpur, during 13-17 October 2025, was implemented through virtual platforms. The program was taken up with 62 students belonging to different B.Tech disciplines.

Event Glimpses





Achievements

- ▶ **Milestones of Innovation & Excellence**
- ▶ **20+ Achievements Across Academic and Technical Domains**



Student Achievements 2025 (ADGIPS)

Achintya Bhardwaj

Date: 09 June 2025
**Selected in Online Round – Code Veda Hackathon
(Top teams among 6000+)**

Venue/Place: Geek Room, ADGIPS



Ayushi Jain

Date: 04 February 2025
3rd Position – Frame It Right

Venue/Place: Blintz, Computer Science Society,
Keshav Mahavidyalaya

Sumit Yadav

Date: 29 Aug 2025
Qualified in top 150 at CODEVEDA by Code Veda.

Venue/Place: Geek Room, ADGIPS



Aditya Agarwal

Date: 29 March 2025
Top 10 (Rank 8) – Techkriti

Venue/Place: IIT Kanpur

Simran

Date: 04 February 2025
3rd Position – Blitzkrieg 2025

Venue/Place: Keshav Mahavidyalaya



Student Achievements 2025 (ADGIPS)

Priyanshi Sharma

Date: 22 January 2025

2nd Position – Anugoonj Prelims 2025 (One Act Play)

Venue/Place: DME Cultural Cell



Nitesh Agarwal

Date: 12 March 2025

1st Position – Technowar (Tryst '25)

Venue/Place: IIT Delhi



Ashwini Bhatt

Date: 21 April 2025

Selected for Code in Place '25

Venue/Place: Stanford University



Nitesh Agarwal

Date: 2025

3rd Position – TechSprint Hackathon

Venue/Place: Graphic Era University, Dehradun



Updesh Yadav

Date: 22 March 2025

1st Rank – HackNChill

Venue/Place: Google Developers Group (GDG), ADGIPS



Student Achievements 2025 (ADGIPS)

Amogh Saxena

Date: 12 Sep 2025

Selected Team at SIH Internal Hackathon 2025.

Organized: Robogyan , Adgips



Chetan Kumar

Date: 13 Sep 2025

Lead Organiser of CODEVEDA

Venue/Place: Geekroom_ADGIPS.



Pushkar

Date: 14 Nov 2025

2nd Rank at Robogyan Event by IIMT.

Venue/Place: IIMT



Abhishek Singh Chauhan

Date: 15 Nov 2025

Grand Finalist at Smart India Hackathon 2025

Organized : Govt of India



Dhiraj Kumar

Date: (19 Nov 2025)

3rd Rank at Dr. Bharat Ram Sports Meet 2025.

Venue/Place: Lady Shri Ram college for Women, University of Delhi



OUR GOLD MEDALISTS

Congratulations

TO ALL THE GOLD MEDALISTS

YOUR HARD WORK AND
DEDICATION
HAVE BROUGHT GREAT HONOR
TO THE DEPARTMENT

WE WISH YOU BRING
MORE LAURELS TO THE
DEPARTMENT
AND THE INSTITUTION



Benny Kaur Anand
(Batch 2016 - 20)



Sangorika Gosh
(Batch: 2018 - 22)



Ambika Arora
(Batch: 2014 - 18)



Diksha Sethi
(Batch: 2015 - 19)



Mahak Shah
(Batch: 2013 - 17)



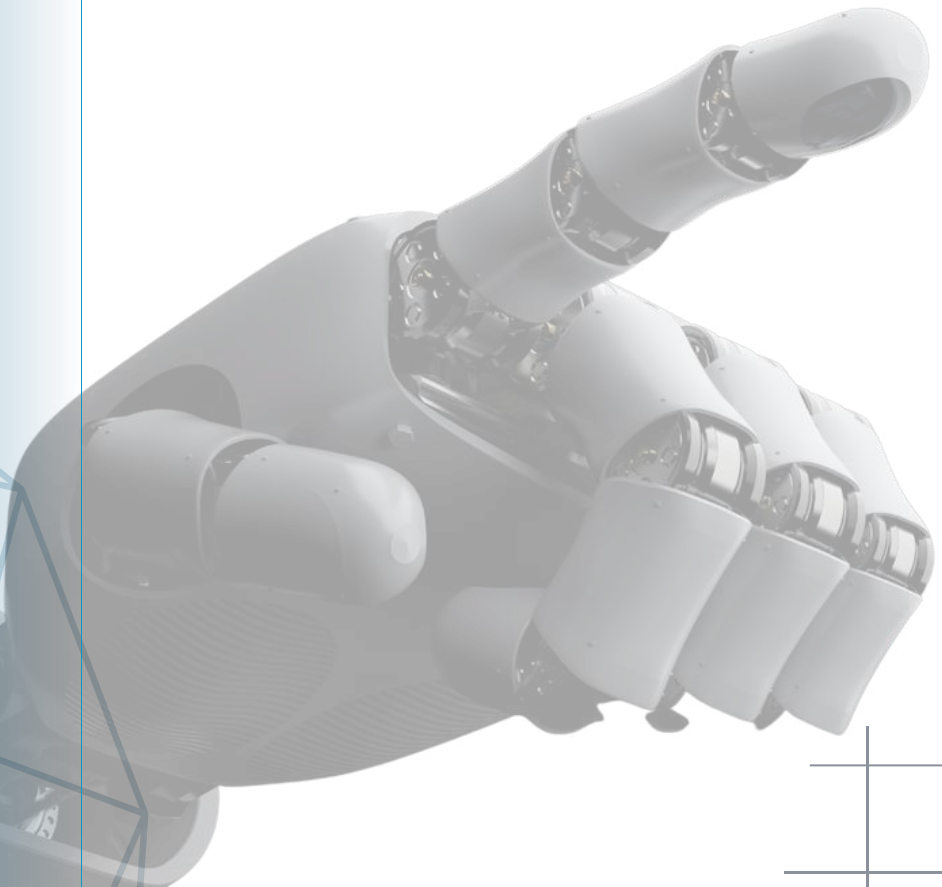
Sourabh Jeswani
(Batch: 2008-12)

Articles

▶ **The Evolution of AI Technology**

▶ **The Poison Apple Effect**

▶ **Quantum Entanglement**



THE EVOLUTION OF AI TECHNOLOGY



Tanmay Pal
(batch 2024-2028)

THE IMPACT OF AI ON HUMAN LIFE



Artificial Intelligence (AI) plays a major role in modern life. It powers virtual assistants, smart devices, and recommendation systems, making daily tasks easier. In healthcare, AI helps in early disease detection, while in education it supports personalized learning. Although AI boosts efficiency, it also raises concerns about privacy and job security. Responsible use of AI is important for a balanced future.

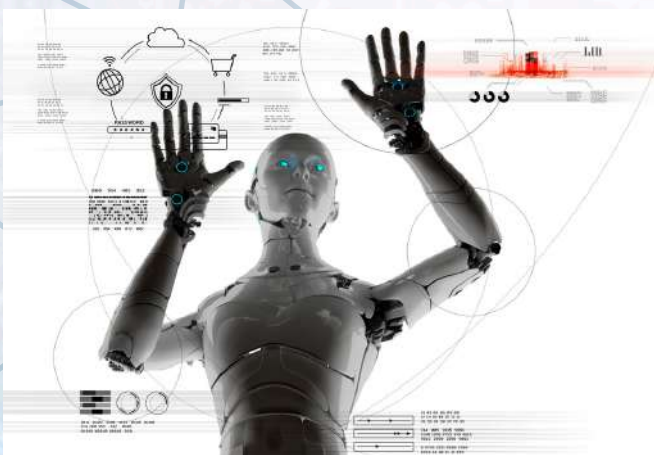
The evolution of AI over time and its impact on human life

The journey of Artificial Intelligence began in the 1950s with simple rule-based systems. Over time, advancements in machine learning and deep learning led to more sophisticated AI models capable of recognizing speech, images, and patterns. The introduction of big data and powerful computing systems accelerated AI development, making it more accurate and efficient. AI influences almost every sector including healthcare, finance, transportation, and entertainment. This evolution enhanced decision-making, automation, and problem-solving, making human life more comfortable and powerful computing



Funding for AI research is drastically reduced

AI research funding has declined due to economic challenges and changing priorities. This slowdown affects innovation and delays important projects. Reduced investment can limit progress in fields like healthcare and climate studies. Increasing funding is essential to support future technological growth.



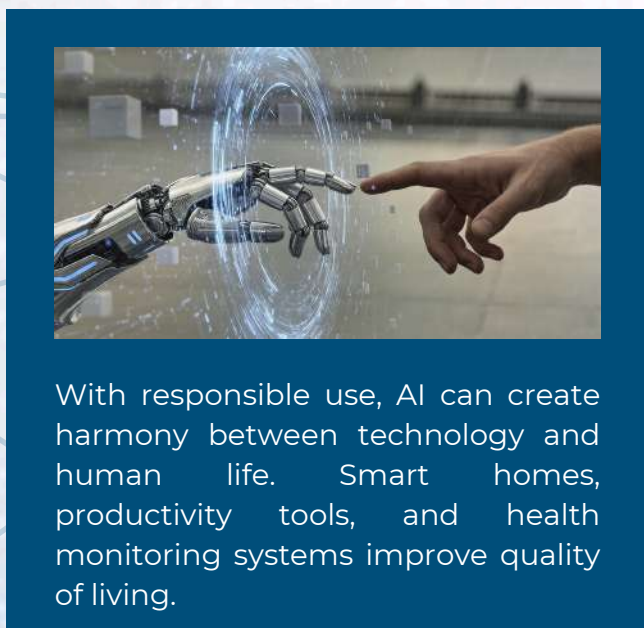


Embrace the Smarter Pace of Life with AI Assistance

Artificial Intelligence helps us slow down and live smarter by automating daily tasks. From smart reminders to personalized wellness apps, AI reduces stress and improves time management. It allows people to focus on mental well-being and self-care by handling routine activities efficiently.

AI and Its Role in Human Well-being

AI is playing a growing role in mental health and emotional support. Chatbots and wellness platforms offer guidance, mood tracking, and stress management. This makes support more accessible to people anytime and anywhere. AI-driven solutions are shaping a healthier and more connected society.



With responsible use, AI can create harmony between technology and human life. Smart homes, productivity tools, and health monitoring systems improve quality of living.

The Ultimate Guide to Understanding AI in Daily Life

AI-powered tools analyze user behavior to provide personalized recommendations. From fitness tracking to study planning, AI supports better decision-making.

These intelligent systems adapt to user needs, making life more organized and stress-free.

THE POISONED APPLE EFFECT IN MODERN INFRASTRUCTURE



Nitesh Agarwal
(batch 2024-2028)

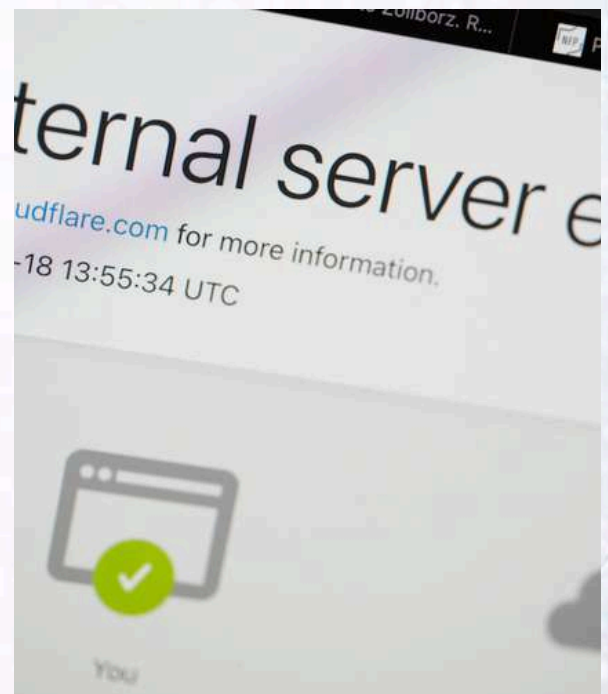
THE IMPACT OF POISONED APPLE



The “Poisoned Apple Effect” describes configuration changes that look valid, pass all checks, and then catastrophically break systems once deployed at scale. These failures have already caused multibillion-dollar incidents in global infrastructure.

When Valid Configurations Become Deadly

In most production environments, configurations are treated as trusted inputs if they pass schema checks and basic tests. The Poisoned Apple Effect appears when a configuration is formally correct but logically flawed. It might be valid JSON or YAML, contain all required fields, and satisfy type constraints, yet still encode a dangerous behavior: a missing dependency, an out-of-range parameter, or a contradictory setting that only fails under real workload.



Why Existing Validation Layers Are Blind

Today's validators focus on structure: syntax, required fields, and data types. They do not understand whether values are safe, consistent with intent, or compatible with real operating conditions. Dangerous semantic errors therefore go unnoticed.



23% of the Internet Wiped Out—Microsoft 'Configuration Error' Causes \$3T Cloud Crash

Story by Skylar Moon • 15h



23% of the Internet Wiped Out—Microsoft 'Configuration Error' Causes \$3T Cloud Crash

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On October 29, 2025, the digital landscape faced significant turmoil as a major outage struck Microsoft Azure, affecting millions worldwide. Services including Microsoft 365 and Xbox Live

The Scale Amplifier: From Local Bug to Global Outage

At small scale, a bad configuration might break a single service. In large cloud environments, the same configuration is pushed automatically to thousands or millions of nodes. All of them fail together, overwhelming incident response and rollback.

Semantic Failures: Intent Versus Implementation

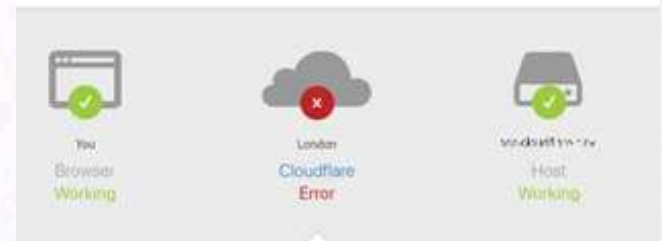
The core issue is the gap between what a configuration claims to do and what it actually does. A file can describe itself as safe or standard while encoding values that contradict that promise, such as missing safeguards or extreme limits.

Canary deployments can detect some failures, but they still involve deploying a faulty configuration to real users and often do not mirror full production scale. The Poisoned Apple Effect persists because these techniques operate on surfaces: they see shapes and types, not meaning and interdependence. The problem demands tools that understand configurations the way a human expert would, but at machine speed and global scale.

Internal server error

offers.com for more information.

18:11:25-32 UTC



What happened?

An internal server error on Cloudflare's network.

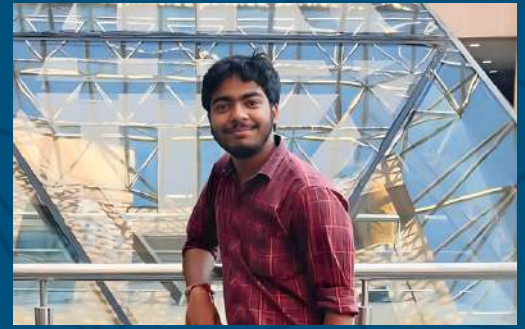
What can I do?

Please try again in a few minutes.

Why Simple Fixes Do Not Work

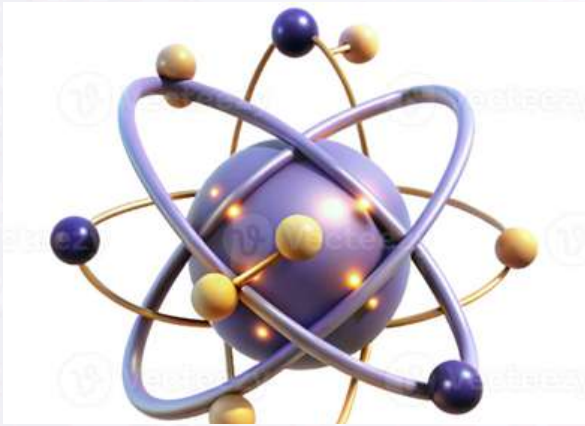
It is tempting to believe that stricter schemas, more unit tests, or expanded canary deployments can solve this problem. In practice, they do not. Stricter schemas cannot express complex semantic rules or emergent behaviors under scale. Unit tests rarely cover the combinatorial space of configuration values, especially in distributed systems.

QUANTUM ENTANGLEMENT: A BRIEF OVERVIEW



Aditya Vishwakarma
(batch 2024-2028)

WHAT IS QUANTUM ENTANGLEMENT?

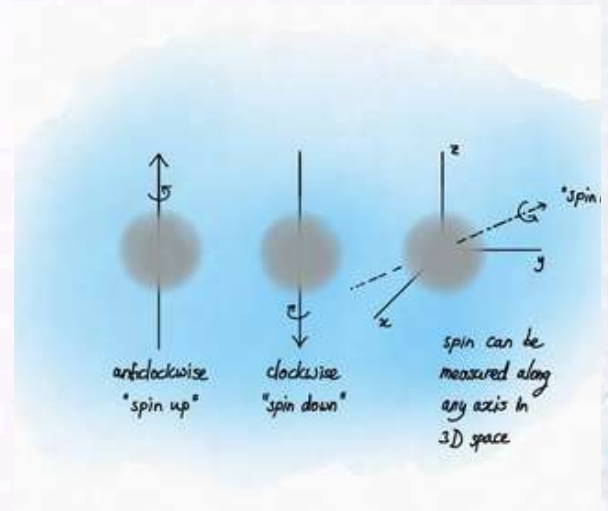


Quantum entanglement represents one of the most revolutionary discoveries in modern physics—a phenomenon where two or more particles become fundamentally connected such that the quantum state of one particle instantaneously influences the other, regardless of the distance separating them. Once dismissed by Einstein as "spooky action at a distance," entanglement has evolved from theoretical debate into the cornerstone of emerging quantum technologies including quantum computing, cryptography, and sensing.

The EPR Paradox and Bell's Theorem

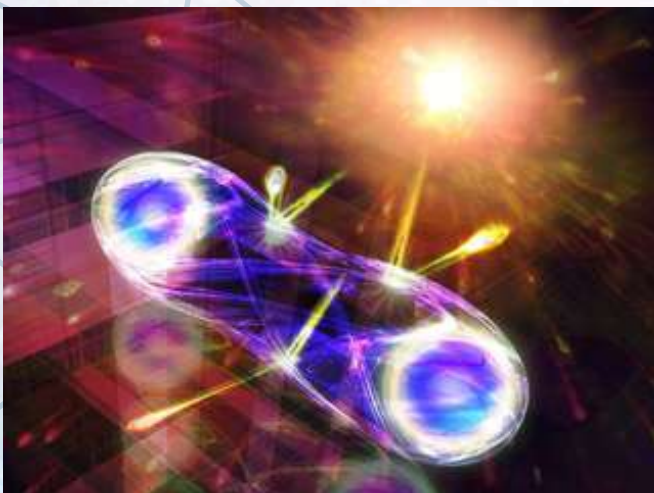
In 1935, Einstein, Podolsky, and Rosen argued that quantum mechanics must be incomplete, proposing hidden variables could explain entanglement without violating relativity. However, John Bell proved in 1964 that no hidden variable

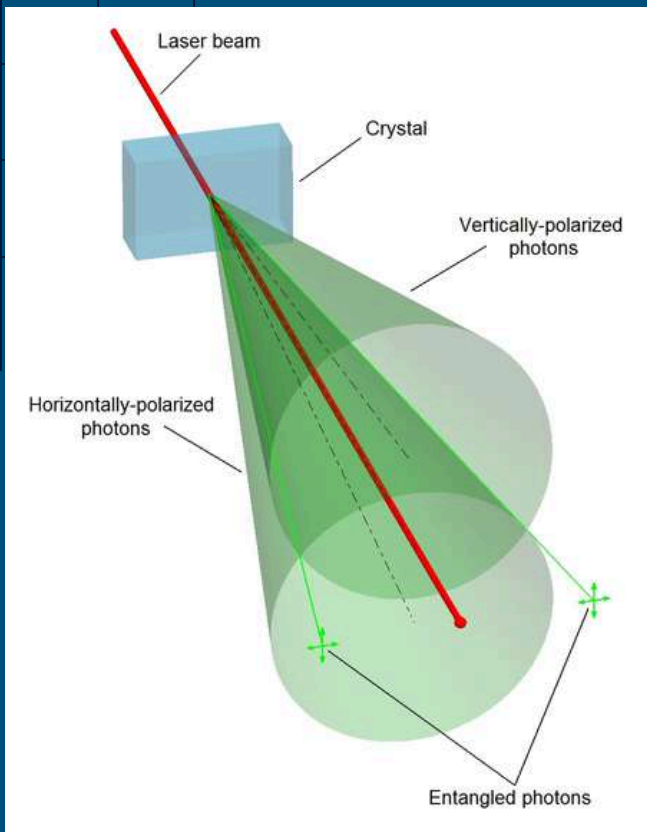
theory could match quantum mechanics' predictions. Experiments consistently violate Bell's inequalities, confirming quantum mechanics and proving nature is fundamentally non-local.



Bell's Theorem: Settling the Debate

John Bell revolutionized the discussion in 1964 by proving mathematically that no hidden variable theory could reproduce all quantum mechanics' predictions. He derived Bell's inequalities—mathematical constraints any hidden variable theory must satisfy. Experiments consistently violate these inequalities, conclusively demonstrating that entangled particles exhibit genuine, non-local correlations not explainable by predetermined properties or classical means.



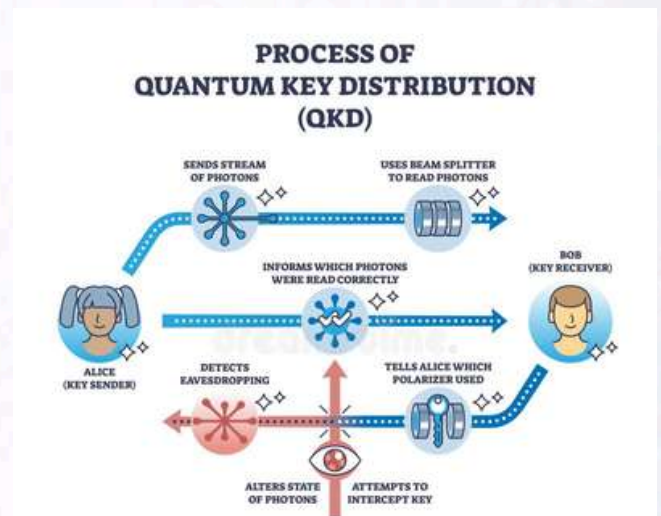


The Fragility Problem: Decoherence

The greatest obstacle to practical quantum technology is decoherence—the rapid destruction of entangled states through environmental interactions like thermal fluctuations, electromagnetic radiation, and particle collisions. Entangled states collapse from quantum superposition to classical states within microseconds to milliseconds at room temperature. This extreme fragility makes it extraordinarily difficult to preserve entanglement long enough for useful quantum computations.

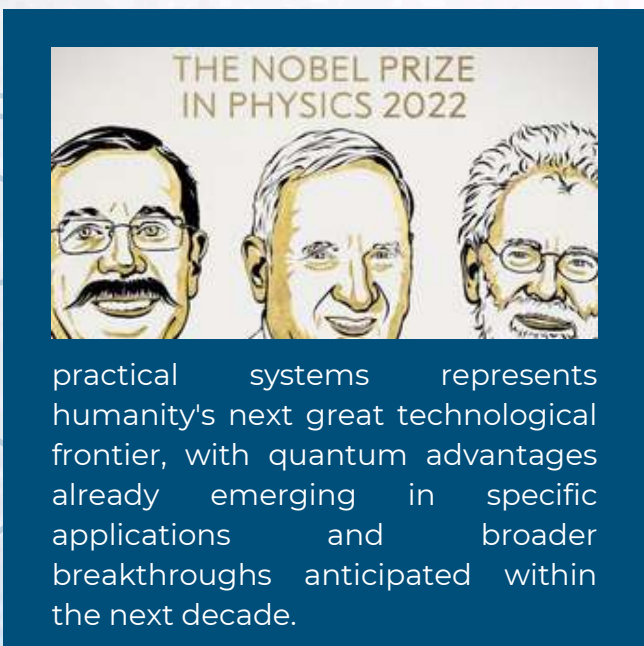
Transforming Technology :-

Quantum entanglement powers key technologies: unhackable quantum encryption, exponentially faster quantum computers, and ultra-precise quantum sensors for gravitational wave detection. These applications have shifted from labs to commercial development, with billions invested globally in quantum infrastructure.



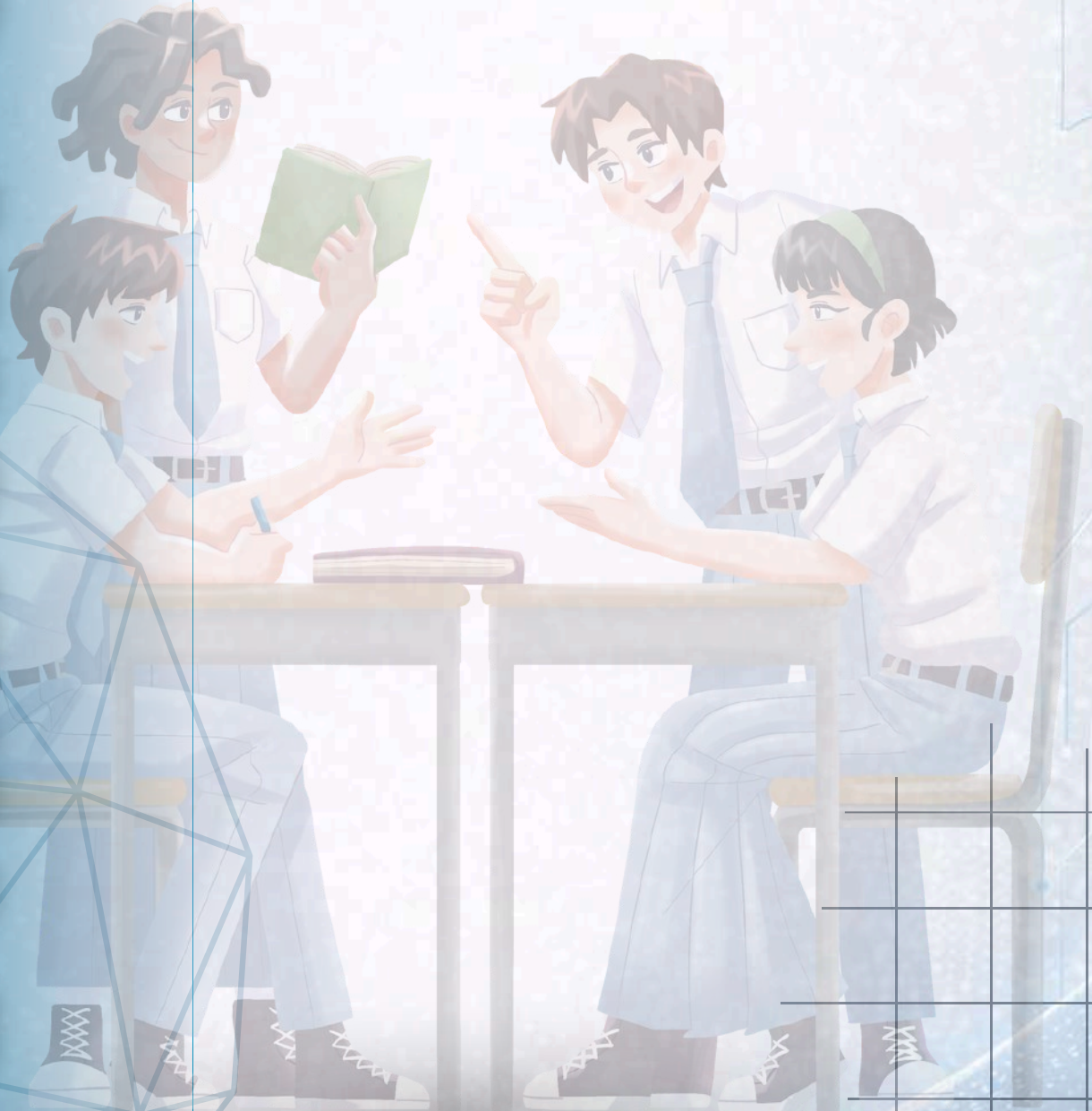
The Future of Quantum Engineering

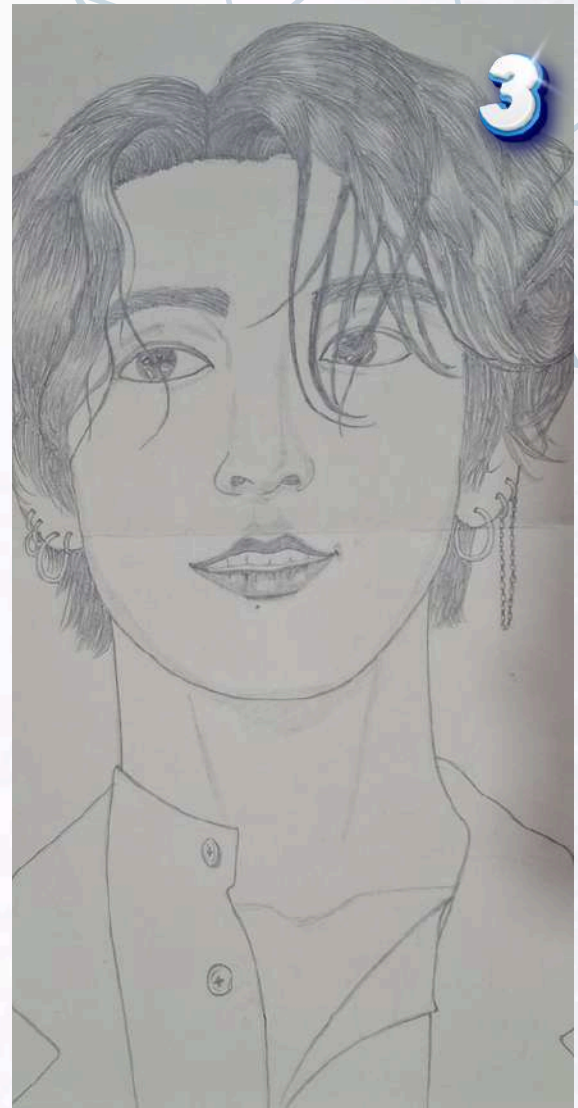
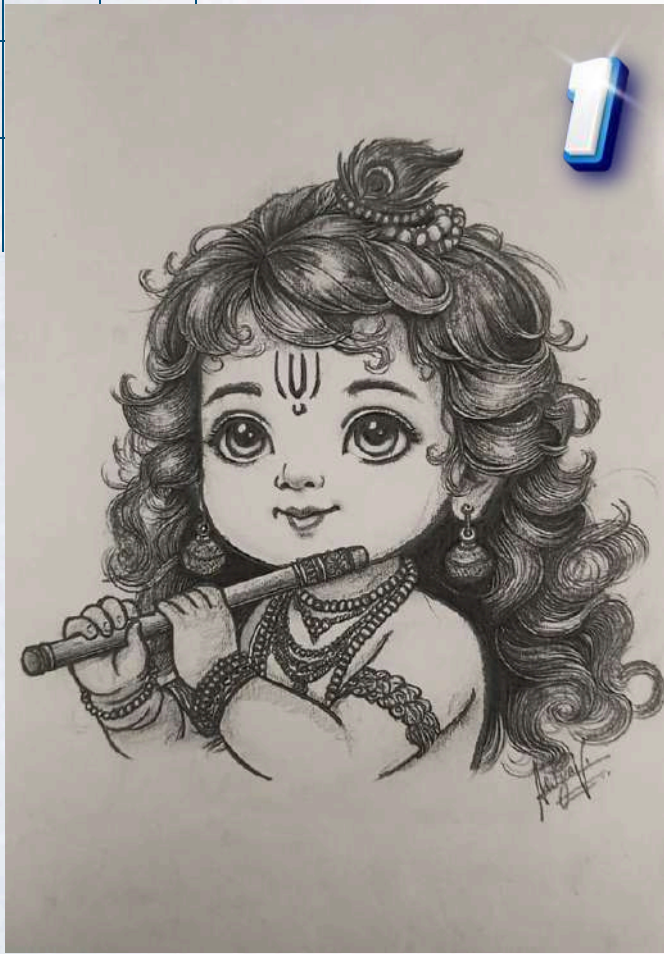
As researchers develop better methods to combat decoherence through error correction, dynamical decoupling, and noise-resilient quantum systems, entanglement-based technologies will increasingly reshape computing, communications, and sensing. The transition from proving entanglement exists to engineering



Student Corner

- ▶ **By Students, For Students**
- ▶ **Student Creativity Takes Center Stage**





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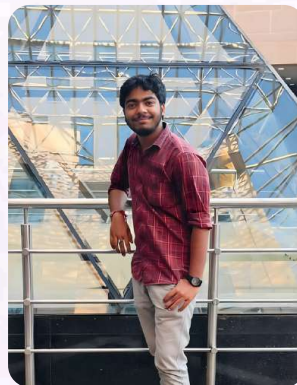
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