

CEE TEE WORLD

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CT GROUP
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NEWS

CT Public School Organises Session on Financial Literacy and Cyber Security

CT Public School organised an informative and awareness-oriented session on Financial Literacy and Cyber Security for its teaching staff. The session aimed to empower teachers with essential knowledge about responsible financial management and safe practices in the digital world. The resource person, Mr. Parveen Kumar, enlightened the teachers on various aspects of wealth creation, saving, investment strategies and informed financial decision-making. He emphasised the importance of developing sound financial habits, planning wisely and understanding investment options before making financial commitments. The session

also addressed the growing threat of cyber crimes and digital arrest scams. Mr. Kumar sensitised the participants about common online frauds and highlighted essential safety measures, including never sharing OTPs, passwords or banking details, avoiding suspicious links and verifying unknown callers before responding to them. The programme concluded with a renewed commitment towards promoting financial awareness and responsible digital behaviour.



CT University Hosts Punjab Youth Diplomatic Summit – MUN



150+ Young Delegates | 200+ Registrations | 5 Committees
A dynamic platform for Diplomacy, Governance & Youth Leadership

CT University hosted the Punjab Youth Diplomatic Summit – Model United Nations (MUN), organised by the Youth Diplomatic Summit in collaboration with CT University and the Entrepreneurship Cell, CTU, witnessing an impressive response of 200+ registrations and 150+ participants. The summit featured five committees, providing young delegates with an opportunity to deliberate on pressing contemporary issues and experience the functioning of international organisations and democratic institutions. The United Nations General Assembly (UNGA) discussed the need for a binding global AI regulation framework aligned with UN human rights conventions, while the United Nations Commission on the Status of Women (UNCSD) deliberated on

strengthening global mechanisms to combat gender-based violence and promote women's economic independence. The International Press (IP) committee brought together journalists, photographers and caricaturists, while the Influencer Summit explored the global impact of social media influencers on society, culture and governance. The Lok Sabha Committee witnessed parliamentary debate on the constitutional validity, social impact and implementation challenges of the Uniform Civil Code under Article 44. The summit was graced by Chief Guest Saravjit Kaur Manuke, MLA Jagraon, who interacted with the participants and appreciated the initiative aimed at nurturing diplomatic awareness, leadership and democratic participation among youth.

The Executive Board members played a pivotal role in guiding the proceedings and ensuring meaningful, structured deliberations across all five committees. Speaking on the occasion, Pro Chancellor, CT University, Dr. Manbir Singh, appreciated the initiative and said that platforms such as these provide students with more than academic exposure—they develop the confidence, awareness and leadership mindset required to address real-world challenges. Director, DSW, CT University, Er. Davinder Singh, lauded the enthusiastic participation of the delegates and highlighted the importance of experiential learning in developing communication, negotiation, critical thinking and leadership skills among students.



CT Public School Students Showcase Innovation at CBSE Skill Expo & Guidance Festival 2026–27



CT Public School proudly participated in the CBSE Skill Expo & Guidance Festival 2026–27 – Regional Event, held at Amritsar, showcasing the creativity, innovation and problem-solving skills of its young learners. Aarush and Karan of Class X-B presented their project, "Smart Heart Rate and Blood Oxygen Level Monitoring System," under the theme Health and Wellness. The innovative system demonstrated how technology can be utilised to monitor vital health parameters and promote awareness about personal well-being. Adding another dimension to the school's participation, Shaina and Hriday of Class XII Science showcased their "Smart Water Irrigation System" under the theme Agriculture and Rural Development. The project focused on

the efficient utilisation of water resources and the application of smart technology to support sustainable agricultural practices. The participation reflected CT Public School's commitment to nurturing innovation, experiential learning, technological awareness and skill-based education among students. The projects also highlighted the students' ability to transform classroom learning into practical solutions for everyday challenges. The results of the regional event are awaited. The top three teams will qualify for the National Level, bringing an exciting opportunity for the young innovators to take their ideas to the next stage.

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FUTURE HEROES OF THE NATION AND THE WORLD ARE READY TO RISE!



Nirmaan at CT University and Aarambh at CT Group of Institutions, Shahpur & Maqsudan, warmly welcome the changemakers, dreamers and leaders of tomorrow.

The journey begins here.



GRATITUDE



The glimpses of Freshmen Induction 2026 capture more than an orientation—it is a vibrant celebration of possibilities, showcasing the energy, aspirations and enthusiasm of students stepping forward as the leaders, innovators and achievers of tomorrow.



VARIETY

CT University Hosts Grand Principal Conclave



400 + Principals Honoured for Excellence in Education

CT University organised a grand Principal Conclave, bringing together 400+ Principals and education leaders from across the region to celebrate their invaluable contribution to education and nation-building. The conclave provided a platform for meaningful interaction, knowledge sharing and stronger school-university partnerships. The Principals were honoured for their dedicated service, leadership and role in nurturing future-ready students.

Chancellor Sardar Charanjit Singh Channi called for stronger collaboration between schools and universities, while Vice Chancellor Dr. Nitin Tandon highlighted the School Connect Program, aimed at creating greater academic exposure, career guidance and pathways for students. Admission Head Dr. Ashish Raina also presented the Hotel Management Pathway to Abroad, highlighting global education and career opportunities in hospitality. The event featured innovative projects and

academic showcases by CT University's schools and departments, giving visiting Principals an insight into its practical, multidisciplinary and innovation-driven learning environment. The conclave concluded with a renewed commitment to collaboration, innovation and student-centric education, strengthening CT University's vision of building a connected educational ecosystem.

CT Group Students Develop Smart Garbage Collector Robot for Automated Waste Handling

Students of CT Group of Institutions, Maqsudan, under the guidance of Mr. Kanwar Singh and Ms. Prerna, have developed a Smart Garbage Collector Robot to automate waste collection and promote safer, smarter waste management. Powered by an ESP32 microcontroller, the robot uses ultrasonic and IR sensors for obstacle detection and features a built-in mechanism to collect waste automatically. Successful indoor testing demonstrated its effective movement, wireless control, and garbage collection capabilities. Appreciating the achievement, Chairman S. Charanjit Singh Channi said the project reflects CT Group's commitment to fostering innovation and technology-driven solutions for a cleaner environment. Designed for use in educational institutions and office spaces, the project highlights CT Group's focus on innovation, experiential learning, and sustainable technology.



CT Group Management, Students and Faculty Join Hands with Rotary Club Jalandhar West for a Greener Future




Promoting environmental conservation and sustainable development, Rotary Club Jalandhar. West organised a Tree Plantation Drive at CT Group of Institutions, Maqsudan, Jalandhar. The initiative aimed to enhance green cover, spread environmental awareness and encourage collective responsibility towards protecting and nurturing nature. The plantation drive witnessed enthusiastic participation from the CT Group management, faculty members and students, who joined hands with Rotary Club representatives to plant 100 saplings across the campus. The initiative provided students with an opportunity to actively contribute towards environmental sustainability and understand the importance of protecting natural resources. Representing Rotary Club Jalandhar West, Rtn. Dr. SPS Grover, Rtn. Harbinder Singh, Secretary, Rtn. Tarsem Singh, President, Rtn. Chetan Kapoor, Treasurer, and Rtn. Er. Kuldip Singh were present during the event and encouraged students and faculty members to contribute towards creating a greener environment.



CT Public School Honours Sports Mentors for Their Valuable Contribution

CT Public School, Jalandhar, proudly celebrated the spirit of sportsmanship and dedication during the Prize Distribution Ceremony of the Punjab School Games – Zonal Level Tournament. The ceremony recognised the outstanding efforts of individuals who have been instrumental in nurturing sporting talent and encouraging young athletes. On the occasion, Ms. Bhawna Chadha and Mr. Pavan Dabb were honoured with Appreciation Tokens in recognition of their valuable contribution to sports and their dedicated efforts towards promoting sporting excellence among students. Their commitment to supporting young athletes and strengthening the sporting culture was applauded by the school fraternity. Both Ms. Chadha and Mr. Dabb had also been honoured during the previous year's Prize Distribution Ceremony, reflecting their consistent and

commendable contribution to the field of sports. The ceremony highlighted the importance of dedicated mentors and sports enthusiasts in shaping the confidence, discipline and competitive spirit of young players. CT Public School continues to encourage and support sports as an integral part of holistic education, providing students with opportunities to excel both on and off the field. The school management and staff extended their heartfelt congratulations to Ms. Bhawna Chadha and Mr. Pavan Dabb and appreciated their continued commitment towards empowering the next generation of sportspersons.



OPINION



Article By:
Prof. (Dr.) Manbir Singh

Bridging India's Cybersecurity Void: Why We Must Build a New Generation of Defenders for the Digital and Physical World

As Managing Director of CT Group of Institutions and Pro-Chancellor of CT University, I have spent decades closely examining the evolving demands of higher education and global technology. Over the past few years, I have systematically studied the nation's digital growth trajectory, researched emerging skill shortages, and analyzed the severe threat landscape confronting our digital infrastructure. My extensive engagement with technology leaders, industry advisors, and academic

researchers has led me to a stark conclusion: India's digital growth is moving at breakneck speed, but our national cyber defense capabilities are dangerously lagging behind. I feel deeply compelled to bring this issue to light because cybersecurity is no longer merely a technical concern—it has escalated into a critical national security and economic imperative that demands immediate academic and structural intervention.



India's digital transformation has created extraordinary opportunities. Digital payments, connected services, cloud platforms, artificial intelligence, and increasingly automated infrastructure are reshaping the economy and the way citizens interact with essential services. But this transformation has also created a new and less visible vulnerability. India is no longer protecting only computers and data; it is increasingly protecting the digital systems that keep the physical nation running.

The Crisis in Numbers

The scale of risk facing our digital ecosystem becomes unmistakably clear when looking at recent data:

- **Escalating Attacks:** According to CERT-In, India recorded more than 29.44 lakh cyber incidents in 2025, compared with 22.68 lakh in 2024.
- **The Skills Deficit:** The DSCI-SANS Indian Cyber Security Skilling Landscape Report 2025–26 found that 73% of enterprises and 68% of cybersecurity service providers face limited availability of skilled candidates.
- **The Practical Readiness Gap:** Crucially, 63% of enterprises and 59% of service providers reported severe gaps in candidates' hands-on practical skills.

These figures should concern industry, government, and, above all, our educational institutions. The challenge before India is no longer simply to produce more technology graduates. We need professionals who can secure increasingly complex digital ecosystems—and understand what happens when those ecosystems interact with the physical world.

The New Cybersecurity Battlefield

For years, cybersecurity focused mainly on protecting IT systems such as networks, servers, applications, databases, and cloud environments. Today, modern society increasingly depends on much broader and interconnected digital systems.

Power generation, manufacturing, telecommunications, transportation, and water systems increasingly rely on Operational Technology (OT) and Industrial Control Systems (ICS). Technologies such as SCADA, PLCs, RTUs, HMIs, and DCS monitor and control these critical physical processes.

This fundamental shift alters the nature of cyber risk:

- A conventional IT attack results in stolen information, financial losses, or disruption to an online service.
- A compromise of an operational environment can directly alter or damage the physical process that the digital system is designed to monitor or control.

As Information Technology and Operational Technology converge, cybersecurity itself must evolve into cyber-physical security.

When Cybersecurity Becomes Critical-Infrastructure Security

The power grid illustrates why this transformation matters. Modern power systems rely on sophisticated digital communications, monitoring, automation, and control. Almost every critical service depends on reliable power—banks, hospitals, telecommunications networks, data centres, water systems, transportation, and manufacturing facilities all depend upon it.

A serious disruption in one part of critical infrastructure can have consequences far beyond that individual system. The concern is not simply that every cyberattack will result in a nationwide blackout; rather, the growing interdependence between digital systems and physical infrastructure creates the possibility of cascading disruption when critical systems are compromised, degraded, or forced offline.

The core question in cybersecurity can no longer simply be: "Can this system be hacked?"

We must also ask: "What could happen in the real world if it is compromised?"

Education Must Evolve with The Threat

India needs a multidisciplinary approach to cybersecurity education, combining computer science, engineering, networking, AI, electronics, telecommunications, digital forensics, and industrial systems. Students must build strong foundations before specialising, including ICS, SCADA, OT security, and cyber-physical systems for critical infrastructure roles. Practical learning is equally vital, with cyber ranges and realistic labs enabling students to investigate incidents, detect anomalies, analyse evidence, and understand real-world security impacts.

Enterprise IT → Industrial Network → SCADA → Control Systems → Physical Process

Building India's Next Digital Defense Force

At CT Group of Institutions and CT University, specialised cybersecurity programmes, cyber labs, simulated attacks, threat hunting, and forensic investigations prepare students with industry-ready skills. India's cybersecurity future needs not only advanced technology but skilled professionals capable of understanding digital threats and their impact on critical infrastructure, industries, communications, and essential services.



HONOUR

CT Group Students Shine in GNDU B.Ed. Results, Secure Top Positions



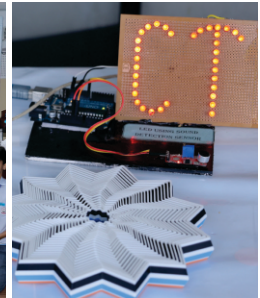
GARIMA



VANSHIKA

CT College of Education, Maqsudan, Jalandhar, a constituent of CT Group of Institutions, has once again demonstrated its commitment to academic excellence with outstanding results in the B.Ed. (Session 2024–26) examinations conducted by Guru Nanak Dev University (GNDU), Amritsar. Adding another achievement to the institution's academic legacy, **Garima** secured the **4th position** in **GNDU** with an impressive **CGPA of 8.60**, bringing pride to the institution and the city of Jalandhar. Adding to the achievement, **Vanshika** secured the **14th position** with a commendable **CGPA of 8.38**. The exceptional performance of the students reflects their dedication, perseverance and academic commitment, along with the consistent guidance and support provided by the faculty members of CT College of Education.

CT Public School Hosts AI Conclave 2026



Check out more!



CT Public School organised AI Conclave 2026, bringing together students, educators and technology experts to explore Artificial Intelligence and emerging technologies. The conclave was graced by Dr. Anish Kumar Sachdeva, Professor & Registrar, NIT Jalandhar, as Chief Guest. Students from various schools participated in AI Quiz, Prompt Engineering, Coding Challenge, Video Making, AI Exhibition and "Technology Through the Ages" Fashion Show. The conclave highlighted the importance of AI, innovation and creativity in shaping future-ready young minds.



Competition Highlights

- AI Quiz: 1st – State Public School | 2nd – CT World School | 3rd – Seth Hukam Chand School
- Video Making: 1st – Cambridge International School | 2nd – SRS AIMS Public School | 3rd – CT Public School
- Prompt Engineering: 1st – MGN Public School | 2nd – Eklavya School | 3rd – State Public School
- Coding Challenge: 1st – MGN Public School | 2nd – CT Public School | 3rd – Cambridge International School
- AI Exhibition: 1st – Seth Hukam Chand School | 2nd – CT Public School | 3rd – State Public School
- Fashion Show: Eklavya School secured all three positions.

CT University Celebrates Teej 2026 with Vibrant Punjabi Culture & Tradition



Check out more!

CT University came alive with the vibrant colours, music and traditions of Teej 2026, as the Division of Student Welfare organised a grand celebration at the Multipurpose Hall, bringing together students and members of the university fraternity in the true spirit of Punjabi culture, tradition and togetherness. The celebration beautifully captured the

essence of Teej, with the venue transformed into a colourful festive space reflecting the rich cultural heritage of Punjab. Students enthusiastically participated in a variety of activities and cultural presentations, creating an atmosphere filled with joy, energy and celebration. A major highlight of the event was the cultural performances, where

students showcased the richness of Punjabi traditions through graceful dance, soulful music and vibrant folk presentations. Traditional attire and festive décor further enhanced the ambience, giving the celebrations an authentic Teej feel. Adding to the festive experience were specially curated Teej-themed stalls, which attracted students throughout the event.



BACK PAGE

Independence Day at CT Group



From every campus, one spirit.
From every heart, one nation.
CT Group came together to celebrate the freedom
that inspires us to dream bigger, lead boldly and
build a stronger India.



Check out more!

CT University



CTGI Maqsudan Campus



CTGI Shahpur Campus



CT Public School



CT World School

