National Inventors' Day is celebrated annually on February 11th, marking the birthday of prolific inventor Thomas Edison. Established by Congress and first proclaimed by President Ronald Reagan in 1983, the day honors the contributions of inventors, innovators, and creators whose work drives progress and improves daily life.

"You can never get a cup of tea large enough or a book long enough to suit me."

— C.S. Lewis

True Observing India

English Daily Youth E- Newspaper

INDIA'S EXPANDING DIGITAL PUBLIC INFRASTRUCTURE

Taniya Dyson

UNDERSTANDING DIGITAL PUBLIC INFRASTRUCTURE

Digital Public Infrastructure (DPI) refers to the digital systems and platforms that provide essential services to citizens at scale. In India, DPI has emerged as a transformative force, enabling efficient governance, financial inclusion, and seamless access to public services. Built on principles of openness, interoperability, and inclusion, India's digital infrastructure aims to empower citizens while strengthening transparency and accountability.

THE FOUNDATION: AADHAAR AND DIGITAL IDENTITY

One of the cornerstones of India's digital public infrastructure is Aadhaar, the world's largest biometric digital identity system. Aadhaar has enabled millions of citizens to establish a verifiable identity, simplifying access to welfare schemes, banking, and public services. By reducing duplication and leakages, Aadhaar has played a vital role in ensuring targeted delivery of benefits and improving administrative efficiency.

FINANCIAL INCLUSION THROUGH DIGITAL PLATFORMS

India's digital transformation has significantly expanded financial inclusion. Platforms such as the Unified Payments Interface (UPI) have revolutionized digital payments by making transactions instant, secure, and accessible to all. UPI has empowered small businesses, street vendors, and rural users to participate in the formal economy. Combined with initiatives like Jan Dhan accounts, digital payments have strengthened economic participation and reduced dependence on cash.

Digital Governance and Citizen Services
Digital public platforms have reshaped governance in India. Initiatives like DigiLocker, e-Governance portals, and online service delivery systems allow citizens to store documents securely and access services without physical paperwork. These platforms save time, reduce corruption, and enhance convenience. From education and healthcare to taxation and transportation, digital tools have brought government services closer to the people.

SUPPORTING INNOVATION AND ECONOMIC GROWTH

India's digital public infrastructure has also become a catalyst for innovation. Open digital frameworks encourage startups, developers, and private enterprises to build solutions that address real-world problems. This collaborative ecosystem has fueled growth in fintech, health-tech, and education technology sectors. By lowering entry barriers, DPI has helped create scalable solutions with global relevance.

INDIA'S GLOBAL DIGITAL LEADERSHIP

India's DPI model is increasingly being recognized worldwide as a blueprint for inclusive digital development. Many countries are studying and adapting India's approach to build their own digital systems. Through global partnerships, India is contributing to the creation of equitable and citizen-centric digital ecosystems.
India's expanding digital public infrastructure has transformed the way citizens interact with the state and the economy. By combining technology with inclusivity, transparency, and innovation, India has built a robust digital foundation that supports growth, governance, and global leadership in the digital age.

TRAINING THE MIND TO OUTSMART DECLINE

A new study suggests that regular brain training activities may reduce the risk of dementia by keeping cognitive functions active. Exercises involving memory, problem-solving, and attention appear to strengthen neural connections over time. Researchers caution that such training is not a cure, but a preventive tool alongside physical health and social engagement. The findings offer hope in addressing a growing public health challenge linked to ageing populations. For younger readers, the message is clear: mental fitness, like physical fitness, benefits from early and consistent care. Small daily habits may protect the mind long before decline sets in.
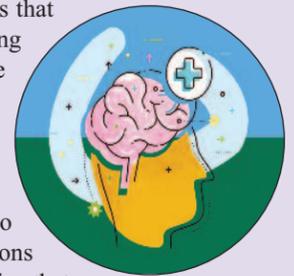
SELLING CREATIVITY: AMAZON'S AI MARKETPLACE AMBITION

Amazon is reportedly planning an artificial intelligence content marketplace, allowing creators and developers to buy and sell AI-generated material. The platform could include images, text, and other digital assets produced using machine learning tools. Supporters see it as a new income stream for creators, while critics question ownership, originality, and fair compensation. The proposal highlights how AI is transforming creative economies, not just automating tasks. If launched, the marketplace may redefine how digital content is produced and valued. It also raises a fundamental question for the future: who truly owns creativity in the age of algorithms?

CALM HANDS, BIG MOMENT: DE LEEDE GUIDES DUTCH PAST NAMIBIA

Bas de Leede played a composed and intelligent innings to steer the Netherlands to a crucial World Cup victory over Namibia. Chasing a modest target, the Dutch batter anchored the innings with maturity, ensuring there were no late stumbles. His ability to rotate strike and punish loose deliveries kept pressure firmly on the opposition. Namibia fought hard with disciplined bowling early on, but de Leede's assurance deflated their challenge. The win strengthens the Netherlands' position in a tightly contested group and highlights their growing confidence on the global stage. For associate nations, such performances underline how preparation and belief can bridge gaps against more established teams.

Techno Frenzy 2026: Igniting Young Minds at Modern Academy

True Observing India

Modern Academy witnessed an electrifying celebration of innovation and creativity with the successful conduct of Techno Frenzy on 10th February 2026. The intra-school technical fest for students of Classes IX to XII provided a vibrant platform for young tech enthusiasts to explore, experiment, and express their ideas beyond textbooks.

The event featured a wide range of thoughtfully curated competitions such as CodeX (JR & SR), WebX, Prompt Craft, Visual Verse, Auteur's Cut, Trademark, Innovision, Hermes Troops, CyberSprint, and FollowX. Each event challenged participants to apply technical knowledge, creativity, logical thinking, and teamwork in real-time problem-solving scenarios.

Students displayed exceptional enthusiasm, originality, and technical finesse across all competitions. From coding and web designing to robotics, photography, video editing, AI prompt engineering, and model making, Techno Frenzy truly lived up to its name by fostering innovation and collaborative learning. The competitions witnessed remarkable performances, with Ayushman Kumar Gupta securing first position in CodeX JR and Alia Naaz emerging as the winner of CodeX SR. WebX was won by Saransh Jhunjhunwala, while Shreya Yadav claimed the top position in Prompt Craft. Iba Siddqui secured first place in Visual Verse, and Myra Siddiqui emerged victorious

in Auteur's Cut. The Trademark competition was topped by Kavya Gupta, while Innovision saw Kanishk Mehrotra securing first position. The Hermes Troops newsletter competition was won by Tamanna Mishra and Angel Singh. In the robotics segment, CyberSprint was clinched by Shubhansh Ranjan Shukla and Lavish Pratap Singh, while FollowX was won by Saransh Jhunjhunwala and Rajveer Singh Chauhan.

The event was formally inaugurated by the Principal, R. Dixit, and the Vice Principal, S. Khan, who graced the occasion with their esteemed presence. Their encouraging words and warm support set an inspiring tone for Techno Frenzy, motivating the students to participate with enthusiasm, confidence, and a spirit of innovation.

The event concluded on an encouraging note as the Directors, Rajiv Tuli, Sunil

Tuli, and Siddharth Tuli, appreciated the efforts of the participants and motivated the students to continue exploring technology and innovation with confidence and curiosity. Techno Frenzy 2026 stood as a testament to Modern Academy's commitment to nurturing future innova-

tors, problem-solvers, and digital leaders. The event not only celebrated technical excellence but also encouraged confidence, collaboration, and curiosity among students—making it a memorable and inspiring experience for all.

Precision Over Excess: Rethinking Cancer Surgery

The conversation around cancer surgery has shifted toward doing exactly what is necessary, no more and no less. Advances in imaging, diagnostics, and targeted therapies allow surgeons to remove tumours with greater precision while preserving quality of life. Doctors now emphasise personalised treatment plans rather than aggressive, one-size-fits-all approaches. This change reflects deeper understanding of cancer behaviour and patient needs. For families, it brings reassurance that treatment aims for balance, not brutality. The evolving approach signals progress toward care that values long-term wellbeing alongside survival, marking a humane turn in oncology.

True Observing India Partners in Diplomacy: Unifusion's First-Ever MUN Workshop in Lucknow

True Observing India

Unifusion Consultants successfully organised its first-ever Model United Nations (MUN) Workshop in India in association with True Observing India at Hotel Marriott, Lucknow, marking a significant milestone in its mission to promote global education, leadership and diplomatic skills among young learners.

The workshop witnessed the active participation of 40 delegates, comprising school Principals, teachers and students. The sessions focused on building a strong foundation in MUN procedures, diplomatic communication, critical thinking, and global citizenship through interactive discussions and practical simulations.

Dr. Dheeraj Mehrotra, National Awardee and Author conducted the workshop. The event was graced by the Chief Guest, Vibha Ahuja, Principal, Birla

Open Minds International School (BOMIS), Ayodhya Road, Lucknow, and Dr. Shishir K. Srivastava, CEO, Unifusion, whose presence added immense value and inspiration to the programme. True Observing India supported the event as the media partner, contributing to wider

outreach and visibility.

The workshop was led by an experienced resource person and successfully achieved its objective of empowering participants with leadership skills, confidence, and a deeper understanding of international affairs. The programme

concluded with positive feedback from participants, reaffirming Unifusion's commitment to delivering high-impact educational initiatives aligned with global standards. Each participant was awarded an MUN kit, a medal and certificate.

The Need for Counselling and Emotional Support for Adolescents

Recent tragic incidents involving young students have once again highlighted the urgent need for emotional counselling and mental health support for adolescents. Teenagers today are growing up in a fast-changing world filled with academic pressure, digital exposure, and emotional confusion. At this sensitive age, they often struggle to express their feelings and fears openly.

Counselling plays a vital role in helping young minds cope with stress, anxiety, loneliness, and identity issues. A trained counsellor provides a safe space where children can speak freely without fear of judgement. Early emotional guidance can prevent small problems from turning into serious crises.

Parents and teachers must work

together to create an environment of trust and open communication. Instead of strict control, understanding and empathetic listening are essential. Children should feel confident that their emotions matter and that help is always available.

Schools should make counselling services easily accessible and encourage students to seek support whenever they feel overwhelmed. Mental health education should be treated with the same importance as academic learning.

Strong emotional support, timely counselling, and compassionate guidance can save young lives and help build a healthier, more balanced future generation.

Priti Divedi
Senior Coordinator
Gardenia Public School

Backing the Bat: UAE Make a Bold Call Against New Zealand

The United Arab Emirates chose to bat first against New Zealand in their World Cup encounter, signalling intent rather than caution. Against a formidable bowling attack, the decision reflected belief in their batting unit's ability to set a competitive total. Such choices are defining moments for emerging teams seeking to assert themselves on the international stage. While outcomes remain uncertain, the willingness to embrace challenge speaks volumes about ambition. Matches like these are not just about results, but about experience gained under pressure. For the UAE, every bold call adds to their growing confidence and learning curve.

Modern Academy, Viram Khand-5 Hosts 'Srijan': Where Ideas Bloom and Innovation Comes Alive

True Observing India

Modern Academy, Viram Khand-5 came alive with colour, creativity and curiosity as it hosted "Srijan", a spectacular Art, Craft, Social Studies, Science, Computers, AI & Robotics Exhibition that beautifully reflected the imagination and innovation of its students. Organised under the inspiring guidance of Principal R. Dikshit and Vice-Principals S. Khan and A. Prathap, the exhibition was a joyful celebration of learning beyond textbooks.

The exhibition floor dazzled visitors with a rich variety of student-created displays. From the vibrant hues of Colour and Flowers to the cultural elegance of Indian Wedding, from eco-conscious ideas under Trash to Treasure to the pride-

filled presentations of Incredible India, Religions of the World, and the awe-inspiring theme of I.S.R.O., every exhib-

it told a story of creativity, awareness and national pride.

Adding a futuristic touch, the Computer

Lab transformed into an innovation zone, showcasing student-designed apps, AI-based sensors and robots, offering visitors an exciting glimpse into the world of technology, Artificial Intelligence and space-age thinking. The remarkable efforts of students and teachers earned heartfelt appreciation from the Directors Devika Tuli and Sunil Tuli, who applauded the originality, confidence and teamwork displayed throughout the exhibition.

The event was further elevated by motivational words from Directors Yamini Tuli and Siddhartha Tuli, encouraging students to dream big, think boldly and create fearlessly.Srijan truly lived up to its name—igniting young minds, celebrating talent and proving that when imagination meets learning, the results are nothing short of magical.

WHEN DIGITAL DOCTORS GET IT WRONG

Recent research has found that AI chatbots can provide inaccurate or even harmful health advice, raising serious concerns. While these tools respond confidently, they often lack clinical understanding and context. Doctors warn that misinformation may delay proper treatment or create unnecessary panic. The findings underline the risks of relying on unverified digital advice for medical decisions. Experts argue that AI systems must be clearly framed as informational aids, not diagnostic authorities. Strong regulation and human oversight are essential. The study serves as a reminder that in healthcare, accuracy matters more than speed, and trust must be earned through reliability.

MID-RANGE, HIGH STAKES: OPPO'S LATEST MARKET MOVE

Oppo has launched a new smartphone aimed at mid-segment buyers in India, combining modern design with next generation connectivity. The company continues to target users seeking reliability without premium pricing. Industry watchers see this as part of a broader strategy to dominate volume-driven markets where affordability determines success. With competition intensifying, brands are refining features rather than inflating costs. For many Indians, such devices are gateways to digital services, education, and work. The launch underscores how incremental upgrades in the mid-range category play a major role in shaping India's digital inclusion story.

Spectrum of Skills: A Grand Exhibition of Art, Craft, Science & Culture at Modern Academy, Vinay Khand-2, Gomti Nagar

True Observing India

Modern Academy, Vinay Khand-2, Gomti Nagar organized a magnificent Art, Craft, Robotics, Computer and Science Exhibition – "Spectrum of Skills", celebrating the creativity, innovation and cultural richness of its students. The exhibition presented a perfect blend of tradition, technology and talent, leaving the visitors mesmerized.

The grand event was formally inaugurated by Subhash Tuli, Managing Director, Rajiv Tuli and Sunil Tuli Directors in the gracious presence of esteemed guests and parents. The beautifully designed campus with an enchanting jungle theme and a captivating aquatic world display set the tone for a joyful and immersive learning experience. The exhibition took visitors on a cultural journey across different Indian states , Uttar Pradesh Pavilion showcased magnificent monuments, with the Ram Mandir model beautifully crafted by young artisans. The live food counter served traditional delights such as farre and Imarti, adding an authentic local flavour.

Rajasthan Pavilion highlighted vibrant culture through decorative Bandhanwar, an engaging tie-and-dye live demonstration by students, and innovative best-out-of-waste creations. The live food counter serving Choorme ke Laddoo became a major attraction.

Kerala Pavilion impressed visitors with a live food counter where children enthusiastically prepared idli and skillfully made fragrant gajras, reflecting Kerala's simple yet elegant traditions. West Bengal Pavilion came alive with a graceful Dhunuchi dance, along with a beautiful display of Bengali handicrafts. The live food stall offering Sandesh and Rosogulla delighted everyone. The Science and Technology zone showcased impressive robotics models, computer projects, scientific working models, and a fascinating Milky Way Galaxy model, igniting curiosity and scientific temperament among students and visitors alike.

All the exhibits and performances were thoughtfully created by students under the able guidance of their teachers.

The dedicated efforts of the Art Teacher and the inspiring leadership of Principal Rupali Pandey played a pivotal role in making the exhibition a grand success. The "Spectrum of Skills" Exhibition truly reflected the school's commitment to holistic education, experiential learning and celebration of India's rich cultural diversity. It was a memorable learning experience that encouraged creativity, teamwork and confidence among the young learners.

BEFORE THE COUNTDOWN: UNDERSTANDING A WET DRESS REHEARSAL

A wet dress rehearsal is the final full-scale test of a space mission before launch, involving every critical system except actual liftoff. Engineers simulate fueling, countdown procedures, and emergency protocols to identify hidden flaws. The exercise ensures coordination among teams and confirms readiness under real conditions. Often unseen by the public, this step is crucial in preventing costly failures. Space agencies treat it as a moment of truth, where months of preparation are stress-tested. For aspiring scientists, the concept highlights an essential lesson: success in complex missions depends as much on careful rehearsal as on bold ambition.

Allenhouse Public School, Lucknow Hosts a Memorable Movie Experience for Students

True Observing India

Allenhouse Public School, in collaboration with True Observing India, organised a fun-filled movie experience for students of Grades 2 to 8. The students watched the movie "Border 2", which was both entertaining and enriching.

The trip created a joyful learning experience, encouraged bonding among peers, and left students with happy memories. The movie was a perfect blend of learning, fun, and excitement, making it a memorable experience for the students.

WHEN ALGORITHMS BECOME HEALTH GUIDES

Artificial intelligence is steadily reshaping how Indians understand their own health, from early symptom checks to personalised wellness insights. AI tools can analyse patterns in medical records, lifestyle data, and wearable inputs to flag risks long before illness becomes visible. For a country with strained doctor–patient ratios, such systems promise timely awareness rather than delayed treatment. However, experts stress that technology must support, not replace, human judgement. Data privacy, bias, and accessibility remain key concerns. Used responsibly, AI can empower citizens to ask better questions about their bodies and habits. The real promise lies not in automation alone, but in creating a more informed and preventive health culture across diverse populations.

SCIENCE WITHOUT BORDERS: INDIA'S COOPERATIVE SPACE VISION

India's space programme, according to the ISRO chief, has always prioritised collaboration over competition. From satellite launches to research missions, international partnerships have strengthened scientific capability while keeping costs efficient. This cooperative approach contrasts with rising global space rivalries and reflects a philosophy rooted in shared progress. Experts note that collaboration accelerates learning and builds trust among nations exploring space together. As space becomes more crowded and strategic, India's stance offers a quieter but effective model. For students and researchers, it reinforces the idea that science advances fastest when knowledge crosses borders rather than being guarded behind them.

POWERING PERFORMANCE: A PROCESSOR PUSH IN SMARTPHONES

The upcoming iQOO handset is expected to run on Qualcomm's latest flagship processor, signalling a strong focus on performance. Designed for speed, efficiency, and advanced gaming capabilities, the chipset reflects growing demand for high-end features beyond premium price brackets. Smartphone makers are increasingly competing on processing power to attract younger users and tech enthusiasts. Analysts note that such launches blur the line between mid-range and flagship devices. For consumers, this trend promises faster, smoother experiences without steep costs. It also highlights how semiconductor innovation quietly shapes everyday digital life.
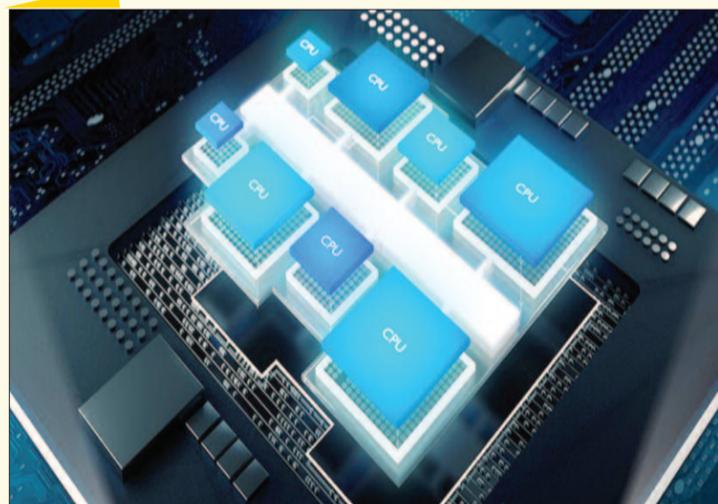
Fun Cooking – Peanut Jaggery Energy Bites

A simple, no-cook, all-season sweet.

CHEF'S CORNER

INGREDIENTS:

- 1 cup roasted peanuts (crushed)
- ½ cup grated jaggery
- 1 tsp ghee
- A pinch of cardamom powder (optional)

INSTRUCTIONS:

1. Crush roasted peanuts into small pieces (not powder).
2. Mix crushed peanuts and grated jaggery in a bowl.
3. Add a little ghee and mix well.
4. Shape into small round balls.
5. Let them rest for 10 minutes before serving.

CHEF'S TIP:

If jaggery feels hard, warm it slightly so it mixes easily.

Fun Activity – DIY Paper Desk Organizer

Materials:

- Empty cardboard box
- Colored paper
- Glue
- Scissors
- Markers

Steps:

1. Cut the box to your preferred height.
2. Cover it neatly with colored paper.
3. Decorate the outside with designs.
4. Use it to store pens, notes, or brushes.

Creative Twist:

Divide the box into sections using small cardboard strips.

TEST YOUR KNOWLEDGE!

Q1. What is the largest organ of the human body?

Q2. Which planet has the most moons?

Q3. What is the full form of DNA?

Q4. Which ocean is the largest in the world?

Q5. What type of energy does the Sun produce?

Answers:

Skin

Saturn

Deoxyribonucleic Acid

Pacific Ocean

Solar energy

FUN FACTS
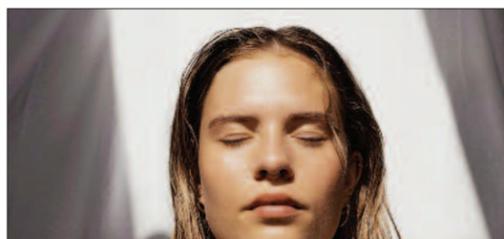
- Your skin renews itself approximately every 28 days.
- Jaggery contains small amounts of iron and minerals unlike refined sugar.
- The Pacific Ocean covers more area than all land combined.
- Your brain processes visual information in just milliseconds.
- Regular exposure to sunlight helps regulate your sleep cycle.

RIDDLE OF THE DAY

What can travel around the world while staying in a corner?
Answer: Stamp

SUDOKU

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_ 2 _ _ 6 _
_ _ 5 _ _ 3
4 _ _ 1 _ _
_ _ 2 _ _ 5
6 _ _ _ _ 1
_ 4 _ 3 _ _
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CROSSWORD PUZZLE

FAIRY TALES
CROSSWORD PUZZLE

ACROSS

4. father of the princess in fairy tales
5. what you do with words in a book
6. an animal who wears boots in a fairy tale
7. to rescue someone from danger
8. Beauty and the Beast fell in ___
10. where Rapunzel was trapped
11. the color of an apple
13. magical words
18. the witch cursed Sleeping Beauty a hundred years ___
20. what Snow White ate that put her to sleep
21. what breaks the curse in Sleeping Beauty
22. the prince traveled ___ and wide to find Cinderella

DOWN

1. made-up stories, like fairy tales
2. Ariel, Snow White, and Princess Aurora all needed love's kiss
3. what Cinderella went to with a little help from her fairy godmother
7. Jack's magic beans were really ___
9. the last word of many fairy tales
12. what Cinderella's slipper was made of
14. how fairy tales often end: "happily ___ after"
15. what you read fairy tales from
16. this animal tried to blow down the pigs' houses
17. long, blonde part of Rapunzel's head that also serves as a ladder
19. a dream or desire in fairy tales

DIFFERENCE

Nostalgia as Emotional Survival

By Md. Sawood Basari

In a world defined by speed, uncertainty, and constant change, nostalgia has quietly become more than a sentimental indulgence. It has evolved into a psychological strategy for coping. Once dismissed as a longing for the past, nostalgia is now understood as a complex emotional response that helps individuals preserve identity, stability, and meaning during turbulent times. Far from being escapist, it may function as emotional survival.

UNDERSTANDING NOSTALGIA BEYOND SENTIMENT

Nostalgia is not simply remembering the past; it is remembering it selectively. The mind tends to soften hardships and highlight moments of connection, warmth, and simplicity. This selective recall is not deception—it is regulation. When present circumstances feel overwhelming, the brain retrieves emotionally safe memories to restore balance. In this way, nostalgia becomes less about returning to the past and more about stabilizing the present.

PSYCHOLOGICAL FUNCTIONS OF NOSTALGIA

Research in psychology suggests that nostalgic reflection can reduce feelings of loneliness and anxiety. By reconnecting individuals with meaningful relationships and personal milestones, it reinforces a sense of continuity in life.

Nostalgia supports emotional survival by:
- Strengthening a sense of personal identity
- Reinforcing feelings of belonging and connection
- Reducing stress during uncertain periods
- Providing emotional comfort in times of loss
- Enhancing resilience by recalling past coping strengths

These functions reveal nostalgia as an adaptive mechanism rather than mere longing.

CULTURAL NOSTALGIA IN A RAPID WORLD

The rise of retro fashion, revival music tours, remakes of classic films, and vintage aesthetics reflects a broader social pattern. Societies experiencing rapid technological and social change often look backward to reclaim familiarity. Nostalgia becomes collective—a shared emotional anchor in an unpredictable era. It reassures people that some aspects of identity remain stable despite external transformation.

CITY HIGHLIGHTS