



**Jul-Sep 2025**

# **ECHAS Tech Journal**

A NEWSLETTER OF THE DEPTT. OF HUMANITIES & APPLIED SCIENCES

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### **Editors**

Mr. Sagardeep  
Mr. Manish

### **Student Editor's**

Kumud Sharma (25-CSE-027)  
Dakshyani (25-CSE-019)

## Tree Plantation Drive

On 1st July 2025, Echelon Institute of Technology, in collaboration with the Rotary Club, organized a Tree Plantation Drive on campus to promote environmental sustainability and spread awareness about the importance of greenery in our lives.

The event witnessed enthusiastic participation from students, faculty, and members of the Rotary Club, who together planted a variety of saplings across the campus. The initiative aimed at fostering a sense of responsibility among young minds towards conserving nature and ensuring a cleaner, greener tomorrow.

Speaking on the occasion, the Rotary Club representatives highlighted the urgent need to combat climate change through small but impactful steps such as planting trees. The institute management also encouraged students to take this drive forward by nurturing the saplings and contributing to the ecological balance.

This collaborative effort not only beautified the campus but also reinforced the message that “planting a tree is planting hope for the future.”



# ECHAS Tech Journal

## Echelon Faculty as Judges at STEAM-13 Science Exhibition

Echelon Institute of Technology proudly shared its presence at the STEAM-13 Science Exhibition, organized by Modern School, Sector 17, Faridabad, on Saturday, 12th July 2025.

Our esteemed faculty members, Dr. Shital Prasad (Professor) and Ms. Arti Kadam (Assistant Professor) from the Department of Applied Science and Humanities, were invited as Chief Guests and Judges for the event.

They evaluated a wide range of innovative projects and models created by school students, covering areas of science, technology, engineering, arts, and mathematics. Both dignitaries appreciated the creativity, critical thinking, and practical application of concepts displayed by the young innovators.



# ECHAS Tech Journal

## Faculty Development Program on Fundamentals of Indian Knowledge System (IKS)

Echelon Institute of Technology, Faridabad, hosted a Five-Day Faculty Development Program (FDP) on *Fundamentals of Indian Knowledge System (IKS)* from 21st to 25th July 2025. The FDP was conducted through live streaming at the NITTTR Remote Center of Echelon Institute.

The program aimed to introduce faculty members to the rich intellectual traditions of India and their relevance in today's academic and research environment. Sessions covered the foundational aspects of IKS, integrating traditional knowledge with modern educational practices, and exploring its applications across disciplines.

Coordinated by Dr. Shital Prasad and Dr. Poonam Rani, the FDP witnessed active participation from faculty, who engaged in interactive discussions and knowledge-sharing sessions. The initiative reflected Echelon's commitment to blending contemporary education with India's profound heritage, thereby fostering holistic learning and innovative teaching methodologies.



# ECHAS Tech Journal

## Visit of Dr. R.D. Sharma

Echelon Institute of Technology was delighted to welcome Dr. R.D. Sharma on 31st August 2025.

A distinguished academician and author of renowned mathematics textbooks, Dr. Sharma inspired students and faculty through his insightful interaction and motivational address. His visit emphasized the value of conceptual learning, perseverance, and innovation in education.

The institute expressed its heartfelt gratitude to Dr. Sharma for sharing his wisdom and motivating the young minds of Echelon to pursue excellence in their academic journey.



# ECHAS Tech Journal

## College Ke TASHANBAAZ

On September 1, 2025, Echelon Institute of Technology, in collaboration with Red FM 93.5 – Bajaate Raho, hosted the much-awaited College Ke Tashanbaaz, a grand celebration of talent, creativity, and youthful enthusiasm. The event brought together students from various departments who showcased their unique flair and confidence, making it a memorable day on campus.

The highlight of the event was the presence of RJ Tushar Nalwa, popularly known as RJ Nalwa, who graced the occasion as the Chief Guest. His wit, energy, and engaging interaction with students created a lively and unforgettable atmosphere. The collaboration with Red FM 93.5, India's leading youth radio channel, added a dynamic edge, amplifying the excitement among the students.

From captivating performances to moments of laughter and cheer, College Ke Tashanbaaz truly reflected the vibrant spirit of Echelon. The event concluded with appreciation for RJ Nalwa, the talented participants, and the organizing team for their efforts in creating a celebration where passion met opportunity and Echelonites once again proved that talent shines brightest on their campus.



# ECHAS Tech Journal

## More Glimpses...



# ECHAS Tech Journal

## Faculty Development Program: Effective Teaching and Learning through Active Pedagogies and Learning Taxonomies

From 8th to 12th September 2025, EIT, hosted a Faculty Development Program (FDP) organized by the Internal Quality Assurance Cell (IQAC) in association with NITTTR Bhopal. The program aimed to strengthen the academic ecosystem by equipping faculty members with innovative teaching methodologies and advanced pedagogical practices.

The sessions focused on introducing active pedagogies and the application of learning taxonomies to foster improved learning outcomes. Faculty members explored interactive, student-centric approaches and effective classroom strategies designed to make learning more engaging and outcome-driven. Experts from NITTTR Bhopal shared valuable insights and real-world applications, enriching the overall learning experience.

The FDP reaffirmed EIT's commitment to academic excellence and continuous improvement, emphasizing the institute's vision of empowering educators to lead with innovation and purpose. The five-day program concluded with participants expressing enthusiasm to integrate these new techniques into their teaching practices, making the FDP a truly impactful and successful initiative.



# ECHAS Tech Journal

## Dandiya Utsav 2025

On 24th September 2025, the vibrant beats of Dandiya filled the air at Echelon Square, as students, faculty, and staff of Echelon Institute of Technology, came together to celebrate the festive spirit of Navratri with great enthusiasm and joy.

The evening was a spectacular showcase of rhythm, colours, and cultural unity. From dazzling traditional attire to energetic dance performances, every moment reflected the rich heritage and festive deal of the occasion.

Beyond the music and dance, the event created an atmosphere of togetherness, strengthening bonds within the Echelon family. Smiles, laughter, and the spirit of celebration made the evening a truly memorable experience.

The institute extends heartfelt appreciation to all participants and organizers who contributed to making Dandiya Utsav 2025 a grand success. The celebration was not only a tribute to tradition but also a reminder of the strong sense of community and culture that defines EIT.





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### **Editors**

Mr. Sagardeep  
Mr. Manish

### **Student Editor's**

Kumud (25-CSE-027)  
Dakshyani (25-CSE-019)

## Swachhata Abhiyan

Echelon Institute of Technology successfully organized a Swachhata Abhiyan on 1<sup>st</sup> October 2025 to spread the message of “Clean Campus, Green Campus” and to strengthen the spirit of the Swachh Bharat Abhiyan.

The event witnessed enthusiastic participation from students, faculty members, and staff, who came together to clean and beautify various areas of the campus. The drive emphasized the importance of cleanliness, hygiene, and environmental care as essential responsibilities of every citizen. Through this initiative, the EIT community reaffirmed its commitment to creating a sustainable and eco-friendly campus environment. The event not only promoted awareness about cleanliness but also inspired everyone to take collective action towards a cleaner and greener future.

The Swachhata Abhiyan at EIT truly reflected the values of unity, responsibility, and environmental consciousness — proving that small steps can lead to a big change.



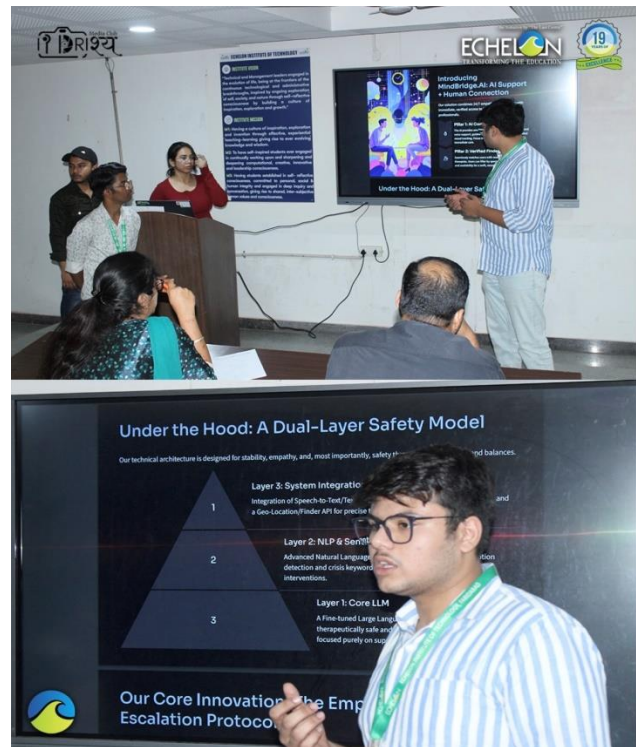
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## Intra-College Ideathon

The EIT organized an Intra-College Ideathon on 8th October 2025 under the CircuitCrate Initiative, in collaboration with the Institution's Innovation Council (IIC) and the IEEE Student Branch.

The event provided a platform for students to showcase their creativity, critical thinking, and problem-solving abilities by presenting innovative ideas and solutions to real-world challenges. Participants enthusiastically pitched their concepts, demonstrating their technical insight and entrepreneurial mindset. The Ideathon encouraged teamwork, innovation, and a spirit of healthy competition among students, while promoting EIT's vision of nurturing young innovators and fostering a culture of research and creativity.

Such initiatives continue to strengthen EIT's commitment to developing future-ready Technocrats who can drive meaningful change through innovation and collaboration.

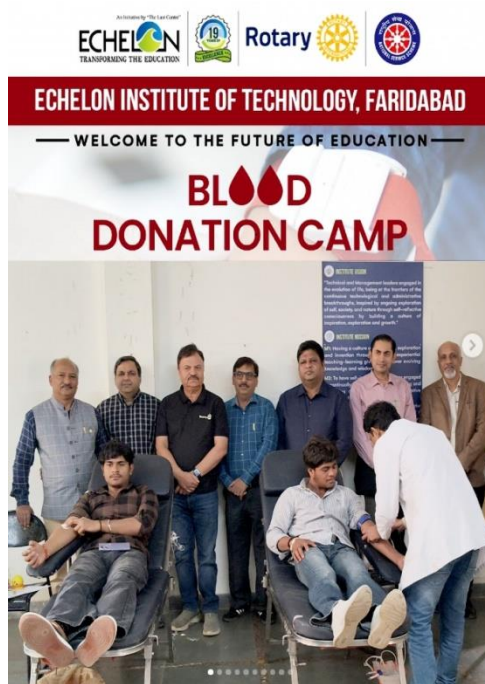


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## Blood Donation Camp

Echelon Institute of Technology (EIT), Faridabad, organized a Blood Donation Camp on 6th November 2025 in collaboration with the Rotary Club of Faridabad East to promote social responsibility and humanitarian values among the campus community. The camp was conducted from 11:00 AM to 3:00 PM at the Students Activity Room, Library Block.

The event witnessed active participation from students, faculty, and staff, who voluntarily donated blood in support of this noble cause. Qualified medical professionals supervised the entire process, ensuring safe and hygienic blood collection in accordance with prescribed health and safety protocols. The initiative reflected the institution's commitment to community welfare and social outreach.



# ECHAS Tech Journal

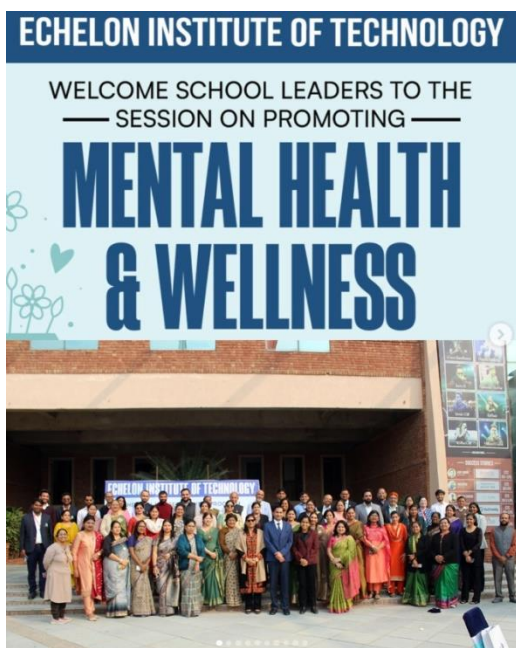
## Promoting Mental Health & Wellness for Educators

Echelon Institute of Technology (EIT), Faridabad, hosted the Sahodhya School Complex – Faridabad Educational Chapter event titled **“Promoting Mental Health & Wellness for Educators”** on 23rd November 2025. The programme aimed to create awareness about mental health, stress management, and holistic well-being among educators.

The event was graced by Sh. Suresh Chander, President, Sahodhya School Complex, Faridabad, and Founder & Managing Director, Grand Columbus International School, along with Ms. Vijaya Luxmi, Managing Director, Vrinda International School.

The programme featured expert sessions by Ms. Simran Malik, Dr. Sabita Kumari, and Dr. Anupama Jain, who shared valuable insights on mental health management, stress reduction, and wellness practices.

The interactive sessions enabled participants to understand the importance of maintaining mental well-being and encouraged the adoption of holistic strategies for personal and professional growth. The event reflected EIT’s commitment to supporting educator wellness and fostering a healthy academic environment.



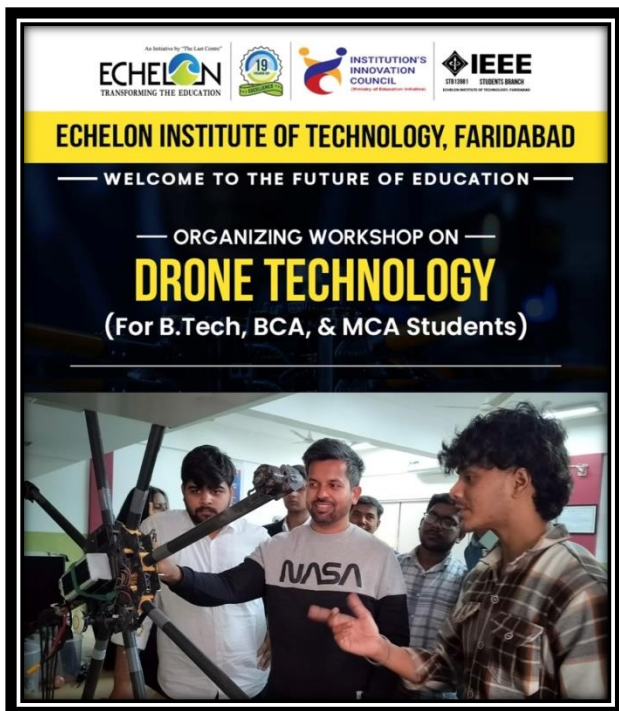
# ECHAS Tech Journal

## Workshop on Drone Technology

Echelon Institute of Technology (EIT), Faridabad, organized a Workshop on Drone Technology on 27th November 2025 for students of B.Tech, BCA, and MCA. The workshop was conducted from 10:30 AM to 12:00 PM at G-29 with the objective of providing hands-on knowledge and practical exposure to emerging trends in drone technology.

The session was led by Mr. Rahul Sharma, Director, Hawk Devices Pvt. Ltd., who delivered insightful demonstrations and discussions on drone design, applications, and industry requirements.

The interactive nature of the workshop enabled students to gain practical understanding of real-world drone applications, thereby enhancing their technical competencies and employability skills.



# ECHAS Tech Journal

## More Glimpses...



# ECHAS Tech Journal

## **AICTE-approved 3-Day Face-to-Face Faculty Development Program (FDP) on Universal Human Values (UHV)**

Echelon Institute of Technology (EIT), Faridabad, organized an AICTE-approved 3-Day Face-to-Face Faculty Development Program (FDP) on Universal Human Values (UHV) from 4th to 6th December 2025. The program aimed to strengthen educators' understanding and practice of universal human values, with a focus on holistic development, ethical competence, and value-based education.

Designed in accordance with AICTE guidelines, the FDP comprised interactive sessions, group discussions, and experiential learning activities to enable faculty members to effectively integrate human values into the teaching-learning process. The programme emphasized fostering harmony, professionalism, and social responsibility in both academic and personal life.

The FDP was coordinated by Prof. Anupama Jain and Prof. Sunil Verma, and reflected EIT's commitment to promoting value-oriented education and faculty development.



# ECHAS Tech Journal

## Faculty Seminar on “Structured Student Mentoring: Best Practices for Faculty Members”

Echelon Institute of Technology organized a Faculty Seminar on “Structured Student Mentoring: Best Practices for Faculty Members” on 24th December 2025. The seminar was delivered by Dr. Vishal Bhatnagar, Professor and Head, Department of Computer Science & Engineering, Netaji Subhas University of Technology East Campus.

The session highlighted effective mentoring frameworks, faculty roles in structured mentoring systems, and best practices to support students’ academic progress and personal development. The seminar provided valuable insights to faculty members on strengthening student engagement, guidance, and holistic development through systematic mentoring approaches.





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### **Editors**

**Mr. Sagardeep**  
**Ms. Arti**

### **Student Editor's**

**Kumud (25-CSE-027)**  
**Dakshyani (25-CSE-019)**

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## FDP on Classroom Communication for Teaching & Mentoring

The Faculty Development Program on “Classroom Communication for Teaching and Mentoring” was inaugurated on 5 January 2026 at EIT, Faridabad. Organized by the Skill Development Cell, the three-day program (5–7 January 2026) focuses on enhancing faculty competencies in effective communication, mentoring practices, and emotional intelligence—essential elements for holistic student development.

The inauguration ceremony was graced by Prof. (Dr.) Arvind Pandey, Director; Prof. (Dr.) Rajesh Singh, Dean Academics; and Prof. (Dr.) Sunil Verma, IQAC Head. In their addresses, the dignitaries highlighted the significance of self-awareness, relationship awareness, and social awareness in the teaching–learning process. They emphasized reflective teaching, strong teacher–student relationships, and sensitivity toward diverse classroom environments.

The resource person, Mr. Md. Adil, was felicitated for his expertise and contributions. His sessions centered on strengthening self-awareness for impactful communication, building positive academic relationships, and fostering social awareness to improve mentoring and classroom engagement. Day one included discussions on teaching style, student support, and inclusive classroom practices, marking a promising beginning to an enriching journey aimed at empowering educators and transforming classrooms.



# ECHAS Tech Journal

## Expert Talk Series Organized by IQAC

On 10 January, an Expert Talk Series was organized under the aegis of the Internal Quality Assurance Cell (IQAC), reaffirming the institution's commitment to academic quality enhancement, research excellence, and global engagement in higher education. The initiative aimed to strengthen scholarly practices and promote a culture of continuous academic development.

The first two sessions were jointly conducted by the Research Division and IQAC, featuring eminent academicians of national and international repute—Prof. Arvind Upadhyaya from London Metropolitan University and Prof. Shantanu Ganguly from Ashoka University. Their presence brought diverse perspectives and valuable insights into contemporary research and academic standards.

The talks were highly informative and interactive, offering practical guidance on improving research outputs, aligning scholarly work with global benchmarks, and strengthening research governance and grant management. The sessions fostered meaningful academic dialogue, contributing significantly to faculty capacity building and institutional research development. The organizers expressed sincere gratitude to the distinguished speakers and all participants for making the event a great success.



## Lohri Celebration

On 13 January, the festival of Lohri was celebrated with great enthusiasm as students, faculty, and staff came together to share the festive spirit. The campus resonated with joy and cultural vibrance, reflecting the spirit of unity and celebration.

Traditional rituals were performed around the bonfire, symbolizing prosperity and togetherness. Music, laughter, and cheerful participation created a lively atmosphere, making the occasion special for everyone present.

The celebration spread warmth, happiness, and positivity across the campus, strengthening bonds within the academic community. The event served as a beautiful reminder of cultural heritage and the joy of celebrating traditions together.



# ECHAS Tech Journal

## Alumni Homecoming 2026

Alumni Homecoming 2026 was organized at EIT on 14 February 2026, bringing together former students and faculty members for a memorable reunion. The event created an opportunity for alumni to revisit their alma mater and reconnect with the campus community.

During the gathering, alumni shared their experiences, professional journeys, and memorable moments from their time at the institute. These interactions created a lively atmosphere filled with conversations, reflections, and shared memories.

The event highlighted the strong connection between alumni and the institute, showcasing how former students continue to remain an important part of the EIT community. It also provided current students with the chance to interact with alumni and learn from their experiences.



# ECHAS Tech Journal

## Ranbhoomi – 2026

Ranbhoomi – Sports Fest 2026 was organized at EIT from 26 February to 28 February 2026, celebrating the spirit of sportsmanship, teamwork, and competitive enthusiasm among students. The event brought together participants from different departments who competed in a variety of sporting activities.

Several games were conducted during the fest, including basketball, volleyball, kabaddi, table tennis, and many other competitions. Students actively participated in these events, showcasing their athletic abilities and team coordination.

The sports fest created an energetic atmosphere on campus and encouraged students to engage in physical activities along with their academic pursuits. The competitions highlighted the importance of discipline, dedication, and team spirit in sports.



# ECHAS Tech Journal

## Samarmbh Fresher's Celebration 2026

Samarmbh Freshers' Celebration 2026 was organized at Echelon Square on 27 February 2026 to welcome the newest members of the EIT community. The event marked the beginning of a new phase in the academic journey of the freshers.

The celebration included various performances, creative activities, and cultural presentations by students. Freshers participated enthusiastically and showcased their talents in music, dance, and other performances.

The event created a lively and engaging environment where freshers had the opportunity to interact with seniors and become familiar with campus life. It served as a platform for students to express their creativity and start their college journey with enthusiasm.



## HackIndia 2026 Spark-2

The journey of innovation continued with HackIndia 2026 Spark-2, held on 13–14 March 2026 at the EIT campus. This event brought together enthusiastic developers, designers, and innovators from across the NCR South Innovation Region. It served as a collaborative platform where participants could brainstorm, build, and present solutions to real-world challenges.

Unlike a conventional competition, the event focused on creativity, experimentation, and teamwork. Participants worked tirelessly to develop innovative projects, gaining valuable experience in problem-solving, coding, and design thinking. The collaborative atmosphere encouraged knowledge sharing and fostered a spirit of innovation among students.

HackIndia 2026 Spark-2 was more than just a competition—it was a celebration of ideas and technological creativity. The event not only enhanced participants' technical skills but also boosted their confidence and teamwork abilities. It successfully highlighted the importance of innovation and collaboration in today's fast-evolving digital landscape.



# ECHAS Tech Journal

## *Echiesta 2K26 – Annual Techno-Cultural Fest*

Echiesta 2K26 was held on **27–28 March 2026**, emerging as a grand celebration of technology, culture, and creativity at EIT. The annual fest brought together students from various institutions, providing a vibrant platform to showcase talent across multiple domains. It highlighted the institute's focus on holistic development and experiential learning.

The fest featured a wide range of activities, including technical competitions such as robotics challenges, coding contests, circuit design, debugging challenges, LAN gaming, and more. Events like **Project Showcase** provided students with an opportunity to present their innovative ideas and working models, encouraging practical application of technical knowledge and creativity.

The first day, **27 March 2026**, concluded with an electrifying **EDM Night**, creating a vibrant and energetic atmosphere for students. Cultural events like dance, music, drama, and fashion shows added excitement throughout the fest, along with literary and fine arts events that enhanced creativity and participation.

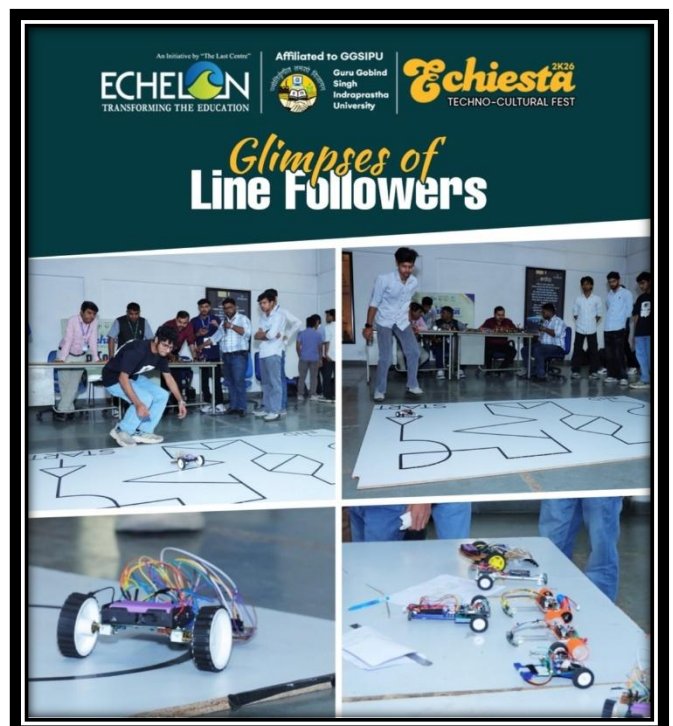
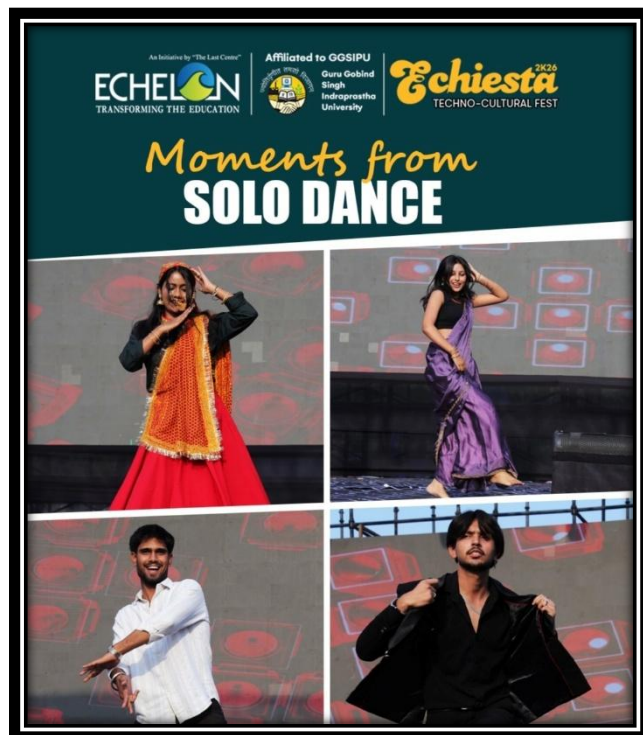
On **28 March 2026**, the highlight of the fest was the **Star Night** featuring renowned playback singer **Mohit Chauhan**, which captivated the audience and made the evening unforgettable. The grand performances and enthusiastic participation made Echiesta 2K26 a perfect blend of learning, competition, and entertainment.

Echiesta 2K26 successfully created a memorable experience with enthusiastic participation from various colleges and engaging activities across both days, leaving a lasting impact on everyone involved.



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## More Glimpses from *Echiesta* 2k26....





**Apr-June 2026**

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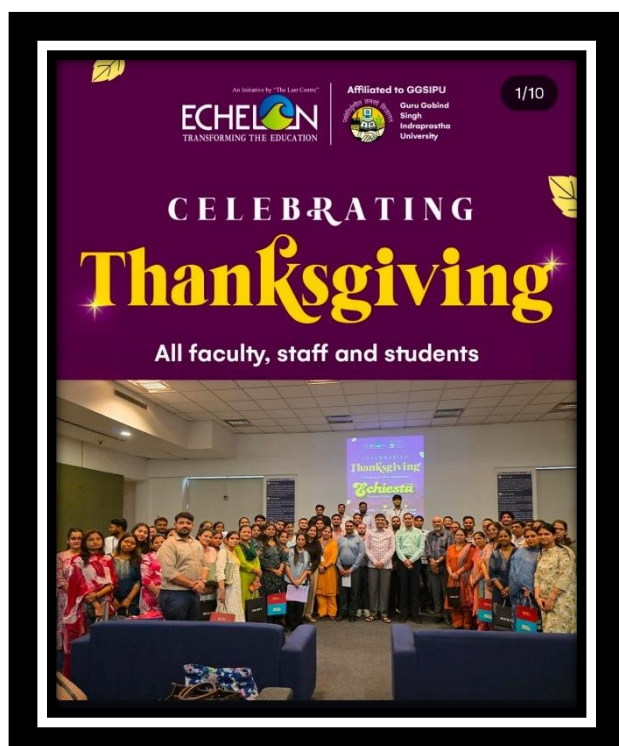
# ECHAS Tech Journal

## Thanksgiving Celebration: Honoring Teamwork and Success

On 14th April 2026, a Thanksgiving Celebration was organized to acknowledge and appreciate the collective efforts of the faculty, staff, and students whose dedication and teamwork contributed to the grand success of Echiesta 2K26, the annual techno-cultural fest.

The celebration brought together the entire academic community in an atmosphere of gratitude and togetherness. It served as a heartfelt tribute to the unwavering commitment, creativity, and collaborative spirit demonstrated by everyone involved in the successful planning and execution of the fest. The event recognized the invaluable contributions of faculty members, staff, and students whose collective efforts made Echiesta 2K26 a memorable and remarkable success.

The occasion also reinforced the values of unity, appreciation, and teamwork that form the foundation of a vibrant academic environment. By celebrating shared achievements and recognizing individual contributions, the Thanksgiving Celebration inspired the community to continue striving for excellence and strengthened the spirit of collaboration for future institutional milestones.



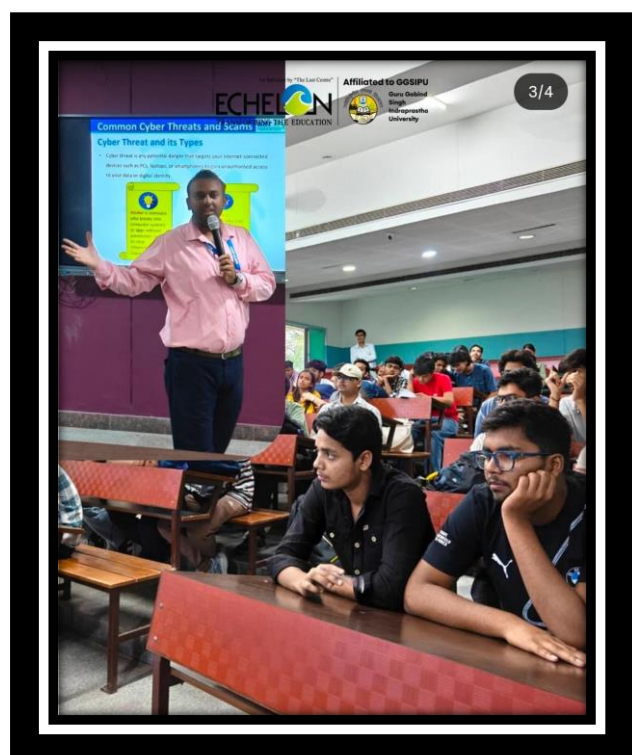
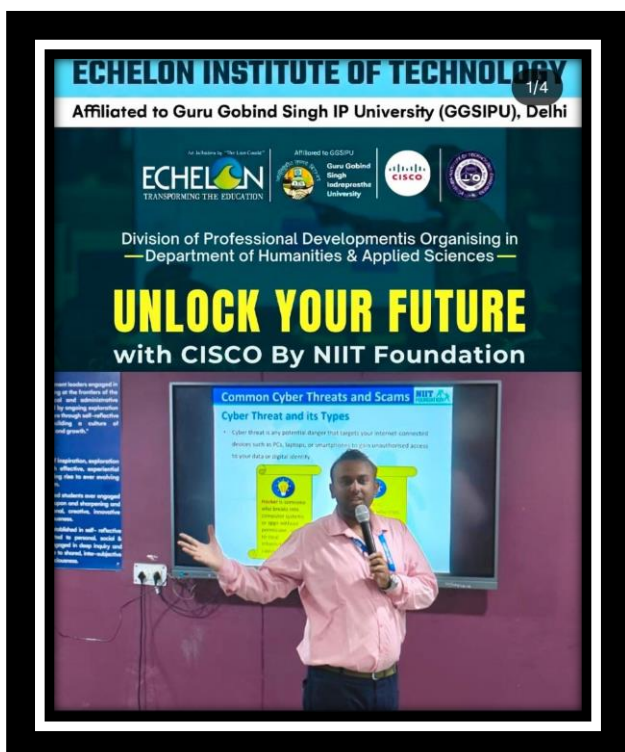
## ECHAS Tech Journal

### Guest Lecture on “Unlock Your Future with Cisco by NIIT Foundation” for B.Tech First-Year Students

On 20th April 2026, the Department of Humanities & Applied Sciences, under the Division of Professional Development, organized an insightful guest lecture titled "Unlock Your Future with Cisco by NIIT Foundation" for B.Tech first-year students. The session was designed to introduce students to emerging opportunities in networking, cybersecurity, and the evolving technology landscape while encouraging them to develop industry-relevant skills from the beginning of their academic journey.

The guest lecture was delivered by Mr. Kartik, Senior Trainer, who shared valuable insights into networking technologies, cyber threats, career opportunities, and the significance of acquiring professional certifications. Through interactive discussions and practical examples, the speaker simplified complex technical concepts, enabling students to understand current industry trends and the skills required to excel in the IT sector.

The session witnessed enthusiastic participation from the students, who actively engaged in discussions and gained a deeper understanding of career pathways in networking and cybersecurity. The lecture served as an excellent platform to inspire students to embrace continuous learning, strengthen their technical competencies, and prepare themselves for future challenges in the technology-driven world.



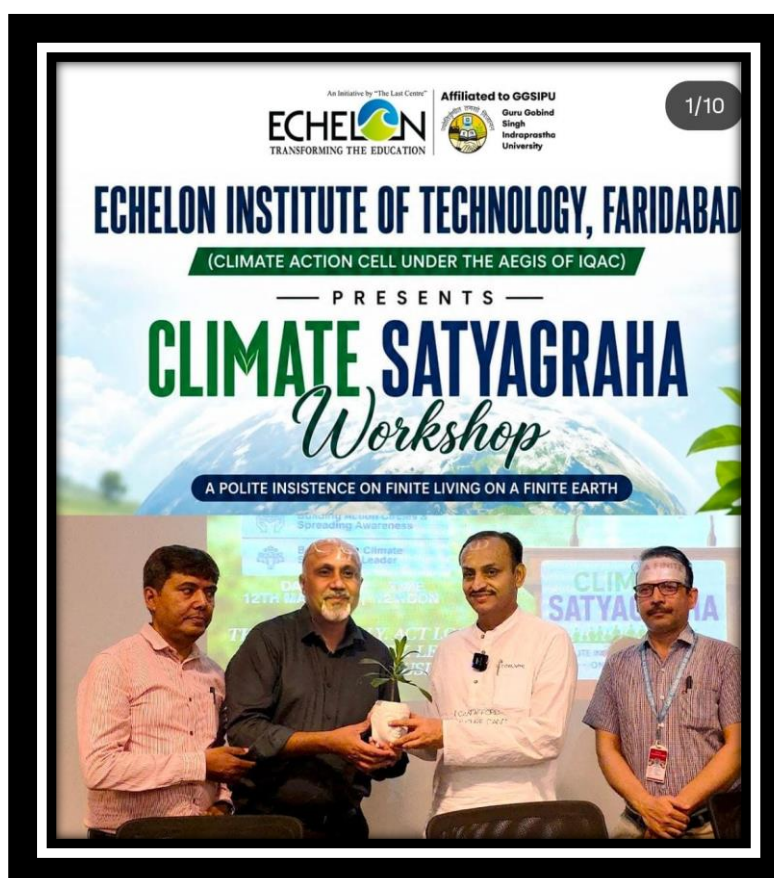
## ECHAS Tech Journal

### From Awareness to Action: Climate Satyagraha Workshop Inspires a Greener Tomorrow

On 12th May 2026, the Climate Action Cell under the aegis of IQAC organized the Climate Satyagraha Workshop, bringing together students and faculty members to promote environmental awareness and inspire meaningful action towards sustainable living. Centered on the theme "A Polite Insistence on Finite Living on a Finite Earth," the workshop encouraged participants to reflect on the importance of responsible environmental practices and collective climate action.

The workshop was graced by Prof. Chetan Singh Solanki, Founder of the Energy Swaraj Foundation, as the distinguished guest speaker. Through an engaging and thought-provoking session, he emphasized the urgent need for sustainable lifestyles, energy conservation, and individual responsibility in addressing climate change. His inspiring insights motivated students to adopt eco-friendly practices and become active contributors to building a greener future.

The event featured interactive discussions, awareness activities, and sustainability pledges that encouraged participants to translate knowledge into action. The enthusiastic participation of students and faculty reflected a shared commitment to environmental stewardship and responsible citizenship. The workshop concluded with a renewed resolve to embrace sustainable living and work collectively towards creating a cleaner, healthier, and more sustainable future for generations to come.



# ECHAS Tech Journal

## TECHELON 2026: Experiential Learning Meets Innovation

On 18th May 2026, the IEEE Student Branch organized TECHELON 2026 – The Experiential Education, a flagship event that brought together students from B.Tech, BBA, and BCA to explore the significance of experiential learning, innovation, and industry-oriented education. The event provided an inspiring platform where academic knowledge was seamlessly integrated with practical insights, preparing students for the challenges of the modern professional world.

The programme was graced by distinguished speakers, including Mr. Mohammad Rihan, Director General, National Institute of Solar Energy, and Prof. Asheesh Kumar Singh, Professor, MIMIT IEEE Senior Member. Through their thought-provoking sessions, they highlighted the importance of emerging technologies, renewable energy, innovation, and continuous skill development. Their valuable insights encouraged students to think beyond conventional classroom learning and embrace experiential education as a pathway to professional excellence.

The event witnessed enthusiastic participation from students, who actively engaged in interactive discussions and knowledge-sharing sessions. TECHELON 2026 successfully fostered curiosity, creativity, and critical thinking while strengthening students' understanding of industry expectations. The programme concluded with a renewed commitment to promoting experiential learning and empowering students with the knowledge, skills, and confidence required to excel in an ever-evolving technological landscape.



## ECHAS Tech Journal

### **Aarohan 2026: Celebrating Excellence, Inspiring New Horizons**

On 22nd and 23rd May 2026, Aarohan 2026 – “नई ऊँचाइयों की ओर (Towards New Horizons)” was organized as a grand award ceremony to celebrate the remarkable achievements of meritorious students in the 10+2 Board Examinations. The two-day event served as a platform to recognize academic excellence, honour perseverance, and inspire young achievers to pursue their aspirations with confidence and determination.

The ceremony brought together students, parents, educators, and distinguished guests in an atmosphere of pride and celebration. Outstanding performers were felicitated for their dedication and hard work, while motivational interactions encouraged them to continue striving for excellence in their academic and professional journeys. The event highlighted the importance of recognizing talent and nurturing future leaders through appreciation and encouragement.

More than an award ceremony, Aarohan 2026 became a celebration of dreams, ambition, and limitless possibilities. The enthusiastic participation of students and their families reflected the shared commitment to academic excellence and holistic development. The event concluded on an inspiring note, reinforcing the belief that every achievement marks the beginning of a new journey towards greater success and brighter horizons.



# ECHAS Tech Journal

## Global Minds, Smarter Futures: International Conference on AI, Smart Technologies and Sustainable Development

On 29th and 30th May 2026, the International Conference on AI, Smart Technologies and Sustainable Development (ICASTSD Virtual-2026) was successfully organized in association with the Inspira Research Association (IRA). The two-day virtual conference brought together researchers, academicians, industry experts, scholars, and innovators from diverse disciplines to exchange ideas and explore the transformative role of Artificial Intelligence, smart technologies, and sustainable development in addressing global challenges.

The conference served as a vibrant platform for presenting cutting-edge research, fostering interdisciplinary collaboration, and encouraging discussions on innovative technological solutions for a sustainable future. Participants shared their research findings, exchanged knowledge, and explored emerging trends that are shaping the future of AI-driven innovation and sustainable development across various sectors.

The event also provided opportunities for researchers to publish their work, receive constructive feedback from experts, and build valuable academic and professional networks. Through insightful technical sessions and collaborative discussions, the conference promoted a culture of research excellence, innovation, and knowledge sharing. The successful organization of ICASTSD Virtual-2026 reaffirmed the institution's commitment to advancing quality research, encouraging global academic collaboration, and contributing to technological innovations that support sustainable development.





## INTERNATIONAL CONFERENCE

ON AI, SMART TECHNOLOGIES AND SUSTAINABLE DEVELOPMENT  
(ICASTSD VIRTUAL-2026)

**Organized by:** Echelon Institute of Technology,  
Faridabad (Delhi NCR), Haryana, India  
(affiliated to Guru Gobind Singh Indraprastha University, Delhi) [www.eitfaridabad.com](http://www.eitfaridabad.com)

**In Association with:** Inspira Research Association (IRA Jaipur, Rajasthan, India)  
(A LEADING REGISTERED ORGANIZATION FOR RESEARCH DEVELOPMENT & ADVANCEMENT)  
[www.inspirajournals.com](http://www.inspirajournals.com) | [call\\_for\\_paper@chapter.inspirajournals@gmail.com](mailto:call_for_paper@chapter.inspirajournals@gmail.com)

**HIGHLIGHTS OF THE CONFERENCE**

- e-Certificate of Conference Participation/Paper Presentation will be provided to all registered participants
- e-Conference proceeding book of abstracts with ISBN will be provided to all registered participants
- Publication opportunity in National/International Peer Reviewed refereed journals with high impact factor (Category-I/II) with crossref DOI
- Publication opportunity in ISBN listed books (Category-IV)
- Twelve best paper presentation awards (Six awards for each day)



29 & 30 MAY 2026  
(04:30 PM IST)  
ONLINE

REGISTRATION LINK:  
<https://inspirajournals.com/insp-form-registration>



### ORGANIZING COMMITTEE



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# ECHAS Tech Journal

## Taking Flight Towards Innovation: Inauguration of the Advanced Drone Lab

On 23rd June 2026, the Advanced Drone Lab (Training & Research) was inaugurated, marking a significant milestone in promoting experiential learning and cutting-edge technological education. Established in collaboration with the Directorate General of Civil Aviation (DGCA), the state-of-the-art facility has been designed to provide students with hands-on training, research opportunities, and industry-oriented exposure in the rapidly growing field of drone technology and unmanned aerial systems.

The Advanced Drone Lab aims to equip students with practical knowledge and technical expertise in areas such as drone operations, aerial mapping, surveillance, artificial intelligence, robotics, and precision agriculture. By integrating classroom learning with real-world applications, the facility encourages students to explore innovative solutions, conduct research, and develop skills aligned with emerging industry requirements.

The inauguration reflects the institution's commitment to fostering innovation, research, and technology-driven education. The lab will serve as a dynamic platform for interdisciplinary learning, enabling students to work on live projects, participate in advanced training programmes, and contribute to technological advancements in the field of unmanned aviation. This initiative is expected to empower future engineers with the knowledge, confidence, and practical experience required to excel in the evolving landscape of drone technology and intelligent systems.



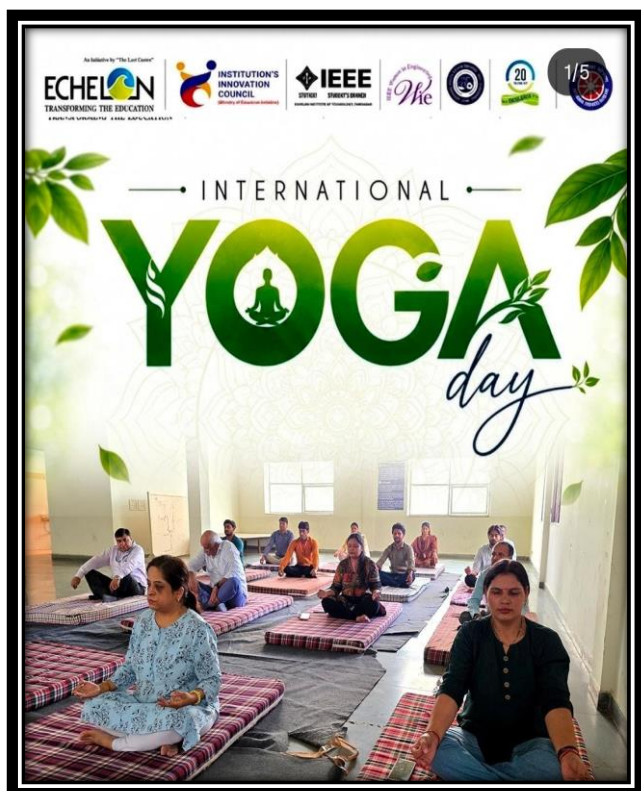
## ECHAS Tech Journal

### International Yoga Day 2026: Embracing Wellness, Balance, and Inner Harmony

On 25th June 2026, the institution celebrated International Yoga Day with great enthusiasm, bringing together students, faculty, and staff to promote the importance of physical fitness, mental well-being, and holistic health. The celebration was inspired by the global theme "Yoga for One Earth, One Health," emphasizing the vital connection between individual wellness and a sustainable future.

The event featured guided yoga and meditation sessions that encouraged participants to embrace mindfulness, improve flexibility, reduce stress, and cultivate a healthy lifestyle. The activities highlighted the timeless significance of yoga as a powerful practice for achieving physical strength, emotional balance, and mental clarity while fostering harmony with nature.

The enthusiastic participation of the campus community reflected a shared commitment to health, positivity, and overall well-being. The celebration served as a reminder that yoga is not merely a form of exercise but a way of life that nurtures discipline, resilience, and inner peace. The event concluded with a collective pledge to incorporate yoga into daily routines and continue promoting a culture of wellness, mindfulness, and holistic development.



# ECHAS Tech Journal

## IBM Lab Inauguration: Empowering Future Innovators

On 30th June 2026, a state-of-the-art IBM Lab was inaugurated, marking a significant milestone in promoting industry-integrated education and fostering future-ready skills among students. The initiative aims to bridge the gap between classroom learning and real-world technological advancements by providing an innovative environment for experiential learning.

The IBM Lab offers students hands-on exposure to emerging technologies, enabling them to enhance their technical knowledge, analytical thinking, and problem-solving abilities. It also provides opportunities to work on industry-relevant projects, helping students gain practical experience and develop the competencies required in today's rapidly evolving digital landscape.

The inauguration of the IBM Lab reflects a strong commitment to academic excellence, innovation, and skill development. By creating an ecosystem that encourages learning through practice, collaboration, and innovation, the lab is expected to play a vital role in preparing students for successful careers in the technology-driven world.



