



TECNIA INSTITUTE OF ADVANCED STUDIES



Estab. as per Guru Gobind Singh Indraprastha University Norms

ANNUAL REPORT: ACADEMIC SESSION

2024-2025

-: An Initiative of Internal Quality Assurance Cell:-



TECNIA INSTITUTE OF ADVANCED STUDIES
NAAC GRADE "A" INSTITUTE (CYCLE-1)

Recognized Under Sec. 2(f) of UGC Act 1956.

Approved by AICTE, Ministry of Education Govt. of India, &
Affiliated to Guru Gobind Singh Indraprastha University, New Delhi



Estab. as per Guru Gobind Singh Indraprastha University Norms

PREFACE

It gives us immense pleasure to present the Annual Report of the Technical Club[#] of Tecnia Institute of Advanced Studies for the academic year 2024-25. The Technical Club serves as a dynamic platform for students to explore and hone their technical skills, bridging the gap between theoretical knowledge and practical applications. Technical Club came into existence in AS 2021-22 by BoS of USICT, GGSIP University dated 31.10.2021. The Technical Club activities are started from the 1st semester and the evaluation will be conducted at the end of the 6th Semester, through a diverse range of workshops, competitions, and collaborations with industry experts, the club has created opportunities for students to excel in their chosen fields.

This report encapsulates the achievements, initiatives, and aspirations of the club, which has been instrumental in fostering a culture of technological innovation and excellence within the institution. In alignment with the United Nations Sustainable Development Goals (UNSDGs), particularly Goal 4: Quality Education and Goal 9: Industry, Innovation, and Infrastructure, our initiatives aim to address the challenges of the rapidly evolving technological landscape and bridge the digital divide in society. Our mission extends beyond skill enhancement; we strive to empower individuals and communities with access to technology, fostering a culture of innovation and lifelong learning. This report is meticulously crafted to provide a comprehensive overview of the club's activities and contributions. It highlights the dedication and teamwork of the students, faculty advisors, and collaborators who have been the driving force behind the club's success. We believe this document will serve as a testament to our commitment to excellence and a guide for future endeavours.

Additionally, our guiding principles are rooted in the ethos of Mulya Pravah, emphasizing inclusivity, collaboration, and ethical practices. These values inspire us to approach technological development with a sense of community responsibility and to ensure that the benefits of innovation are accessible to all, particularly to those on the margins of society in adopted villages of the institute.

We extend our heartfelt gratitude to the leadership and management of Tecnia Institute of Advanced Studies, faculty members, and industry partners for their unwavering support and encouragement. We also thank the student volunteers members whose enthusiasm and hard work continue to elevate the club to new heights.

As we look forward to the future, we remain committed to fostering an environment of innovation and growth, ensuring that our students are well-equipped to meet the challenges of the ever-evolving new technological landscape as ATAL Thrust areas specified by AICTE.

#Approved by 52nd Academic Council on dated 22.11.2021 with course code BCA374: Technical Club: under \$Non-University Examination Subject (NUES): Comprehensive evaluation of the students by the concerned coordinator of Technical Clubs, out of 100 as per the evaluation schemes for the activities conducted at the institution level; duly evaluated by the co-ordinators.

INDEX

SNO	TITLE	PAGE NO.
1.	Introduction	1
1.1	Technical Club	2
1.2	Objectives	4
1.3	Technical Club Outcomes	4
2	Reports On Events Conducted	5
2.1	Report On Smart India Hackathon (Internal) on Coding	6
2.2	Report On Coding Challenge and Tech Talk on Programming	8
2.3	Report On AI Ideathon: Innovating with Artificial Intelligence	10
2.4	Report On ICT Education for Non-ICT Professionals	12
2.5	Report On ICT Education in Schools	14
2.6	Report On Poster Designing	16
2.7	Report On Digital Safety for Seniors	18
2.8	Report On Seminar on Core Data Structures	20
2.9	Report On Technical Presentation Competition on Data Science & AI	22
2.10	Report On Data Infographic Challenge – Data Visualization	24
2.11	Report On Empowering Vision: DigiDrishti	26
2.12	Report On Java Code Challenge: Tackle OOP with Fun	28
2.13	Report On Pitch Competition: Startup Elevator Pitch	30
2.14	Report On Coding Competition – SQL Scavenger Hunt	32
2.15	Report On E-Granthalaya – Digital Library Revolution	34
2.16	Report On Quiz Contest – Software Engineering Trivia	36
2.17	Report On e-RUPI: A Simple, Secure, and Fast Way to Make Payments	38
2.18	Report On Seminar on Unlocking the Power of IoT with Data Mining	40
2A	Outreach Activities Report	42
2B	Awareness Activities Report	43
2C	Website Links	44
3	Future Plans	45
4	Conclusion	48
5	Annexures	50
Annx-1	Awards and Recognition	51
Annx-2	Certificate Of Establishment	53
Annx-3	Office Orders	54
Annx-4	Club Core Committee	56
Annx-5	Student Volunteers	57

1. INTRODUCTION

1.1. TECHNICAL CLUB

The Technical Club at Tecnia Institute of Advanced Studies, established on March 13, 2023, stands as a dynamic and inclusive community committed to fostering deep engagement with technology. Our club serves as a vibrant platform where individuals with a shared passion for innovation, learning, and technological advancement come together to enhance their skills, exchange knowledge, and collaborate meaningfully.

As a forward-thinking community, we are devoted to promoting hands-on learning and continuous development. Through a comprehensive range of activities, including workshops, training sessions, coding challenges, and hackathons, we provide opportunities for individuals to gain technical expertise and stay ahead in the ever-evolving technological landscape. The club is open to students, professionals, and technology enthusiasts alike, offering a space to explore emerging trends, broaden one's technical knowledge, and forge connections with like-minded individuals.

At the core of our club is collaboration and networking. Members have the opportunity to engage with industry professionals, guest speakers, and fellow peers, gaining valuable insights, mentorship, and career guidance. These interactions often lead to transformative opportunities such as team projects, internships, and long-term partnerships that enhance both personal and professional growth. We also facilitate knowledge sharing through regular discussions and collaborative projects, where members contribute ideas, learn from each other, and push the boundaries of innovation together.

In line with our commitment to holistic development, the Technical Club also places a strong emphasis on community engagement and social impact. We recognize the importance of empowering local communities, particularly in our adopted villages, and ensuring that technology is accessible to all. As part of our outreach initiatives, we organize workshops and awareness sessions for residents of these adopted villages, helping them develop digital literacy and skills that can lead to more sustainable and empowered lives. Our volunteers contribute to local technical initiatives, introducing cutting-edge solutions to address challenges in areas like agriculture, healthcare, and education. These efforts are aligned with our belief that technology should be a driving force for positive social change, benefiting not only individuals but entire communities.

Whether you aspire to be a software developer, an AI expert, a robotics engineer, or are simply passionate about expanding your knowledge of technology, the Technical Club is here to support and inspire your journey. Our mission is to guide students, professionals, and local community members alike, ensuring they have access to the tools, resources, and mentorship needed to succeed in the digital world. By creating opportunities for collaboration, growth, and innovation, we strive to shape a future where technology empowers every individual to make meaningful contributions to society.

We invite you to join us on this exciting journey as we explore, innovate, and work together to build a better tomorrow – for ourselves, our communities, and the world at large. Through the collective efforts of in-house students and local community members, particularly those in our adopted villages, we aim to bridge gaps in knowledge and access, driving forward the shared vision of an inclusive, tech-enabled future.

1.2. OBJECTIVES

1. To foster leadership, creativity, and technical innovation among students.
2. To enhance technical knowledge through participation in competitions, and technological events.
3. To establish strong industry connections and promote open-source culture on campus.
4. To encourage learning of emerging technologies.
5. Empower communities, particularly in adopted villages, with foundational digital skills for economic participation.
6. Inspire community-driven innovation by addressing local challenges with technology-based solutions.

1.3. TECHNICAL CLUB OUTCOMES

1. Strengthened technical expertise in cutting-edge technologies.
2. Cultivated leadership qualities and collaborative skills among participants.
3. Enhanced employability through engagement with industry professionals.
4. Fostered a culture of innovation and advanced problem-solving capabilities.
5. Achieved significant societal impact through targeted outreach initiatives.

2. REPORTS ON EVENTS CONDUCTED

2.1 Event: Hackathon

Topic: Smart India Hackathon on Coding

Date: 7/9/24

Venue: Tecnia Institute of Advanced Studies

Objective: To equip students with advanced coding techniques and frameworks.

Report: The event, held on September 7, 2024, at the Tecnia Institute of Advanced Studies, was an inspiring event aimed at harnessing the creative potential of students in the field of technology. With enthusiastic participants and the guidance of a dedicated faculty coordinator, the event sought to blend learning with practical application, culminating in innovative solutions to pressing societal challenges. The hackathon began promptly at 11:30 AM with an inaugural session, where the faculty coordinator welcomed the participants and outlined the objectives of the event. Following this, the students were divided into teams, with each group assigned a unique challenge aligned with the overall theme of societal impact. Benefits of the Event: 1 Skill Enhancement Participants reported significant improvements in their coding abilities and technical knowledge.

The hands-on nature of the hackathon allowed students to apply theoretical concepts in practice, deepening their understanding of coding languages and development frameworks. 2. Teamwork and Collaboration Working in teams helped students develop essential collaboration skills. They learned to communicate effectively, manage conflicts, and appreciate diverse perspectives. This experience is crucial for their future careers, where teamwork is often key to success.

3. Problem-Solving Experience The hackathon's focus on societal challenges required students to engage in critical thinking and innovative problem-solving. This experience not only sharpened their analytical skills but also instilled a sense of responsibility towards using technology for social good. 4. Confidence Building Presenting their projects at the end of the hackathon boosted students' confidence in their abilities.



Teams presenting their solutions during the hackathon



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Problem Solving, Coding Skills	Goal 4: Quality Education, Goal 9: Industry, Innovation and Infrastructure	Commitment, Integrity, Inclusivity	15 students of Tecnia.

2.2 Event: Coding Challenge & Tech Talk

Topic: Coding Challenge and Tech Talk on Programming

Date: 13/9/24

Venue: Tecnia Institute of Advanced Studies

Objective: To provide a platform for students to apply and expand their programming knowledge.

Report: The technical event held on September 13, 2024, at the Tecnia Institute of Advanced Studies, brought together 25 enthusiastic students for an enriching experience organized by the Technical Club. This event aimed to blend practical coding challenges with insightful discussions on programming, thereby enhancing both technical skills and theoretical understanding. The student coordinator played a vital role in organizing the event, which included designing coding challenges and arranging to deliver the tech talk. The event commenced with a welcome address by the faculty coordinator, who outlined the agenda and emphasized the importance of both coding skills and continuous learning in the tech field.

The event was structured into two main segments: the coding challenge and the tech talk. The coding challenge was designed to test participants' problem-solving abilities and coding proficiency. The tasks included basic programming tasks that focused on fundamental concepts such as loops, conditionals, and data structures. Students were required to develop efficient algorithms and implement them under time constraints, simulating real-world coding scenarios.

Throughout the coding challenge, the faculty coordinator provided support and guidance, ensuring that participants remained engaged and motivated. Following the coding challenge, a tech talk was started. Key topics included: Emerging Technologies: An overview of the latest programming languages, frameworks, and tools that are gaining popularity. Insights into effective coding practices, including version control, code reviews, and documentation.



Participants solving coding challenges in the lab




Technical Club
is Organizing

**CODING
CHALLENGE &
TECH TALK ON
PROGRAMMING**

**ON
INTERNATIONAL
PROGRAMMER'S
DAY**

13th September, 2024 | 11:00 AM

Room No 2503, UG Building, TIAS

Nodal Officer
Ms. Mansi Jaiswal, Technical Club
Student coordinator : **Asmi Soni** 7011854961, **Ritik Garg** : 9625897288



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Critical Thinking, Skill development	Goal 4: Quality Education	Commitment, Integrity, Inclusivity	25 students of Tecnia.

2.3 Event: Ideathon

Topic: AI Ideathon: Innovating with Artificial Intelligence

Date: 21/9/24

Venue: Tecnia Institute of Advanced Studies

Objective: To equip students with knowledge of AI concepts and tools.

Report: The AI Ideathon held on September 21, 2024, at the Tecnia Institute of Advanced Studies was a groundbreaking event organized by the Technical Club, aimed at fostering creativity and collaboration among students while exploring the transformative power of artificial intelligence. With enthusiastic participants and dedicated faculty coordination, the event provided a platform for students to innovate and ideate on solutions addressing contemporary challenges through the lens of AI. The event commenced with an introduction to the theme: "AI in disaster management and waste management." This theme was carefully selected to resonate with global concerns and to encourage participants to think critically about how AI can contribute to a more sustainable and equitable society.

This diversity not only enhanced creativity but also mimicked real-world work environments, where collaboration across disciplines is essential. Then in the event was a presentation session where each participant showcased their innovative solutions. Presentations were not only a test of the technical solutions developed but also an opportunity for students to practice their communication skills and receive constructive feedback. Each participant received valuable insights on how to improve their projects, emphasizing the iterative nature of design and development.

Benefits to Students: The AI Ideathon offered numerous benefits to participants, significantly enhancing their educational experience. **Practical Application of Knowledge:** Students transitioned from theoretical learning to practical application, which is vital in understanding complex concepts in AI and technology. **Skill Development:** Participants enhanced their technical skills, gaining proficiency in various AI tools and methodologies that are increasingly in demand in the workforce.



Teams presenting AI-based ideas



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Innovation, Critical Thinking	Goal 4: Quality Education, Goal 9: Industry, Innovation and Infrastructure	Commitment, Dedication, Inclusivity	16 students of Tecnia.

2.4 Event: Outreach Activity

Topic: ICT education for non-ICT professionals

Date: 5/10/24

Venue: Bhalswa Dairy, Delhi

Objective: To provide foundational knowledge of key ICT concepts and applications.

Report: The outreach activity titled “ICT Education for Non-ICT Professionals,” held on October 5, 2024, at Bhalswa Dairy, Delhi, was a significant initiative designed to empower individuals from non-ICT backgrounds with essential digital skills. With eager participants and the guidance of a dedicated faculty coordinator, this event aimed to provide practical knowledge and tools that are crucial in today’s digital economy. covering essential topics such as: Basic Computer Skills: Participants learned to navigate operating systems, manage files, and use internet browsers effectively and essential Software Applications: The session included an introduction to widely used tools such as word processors, spreadsheets, and presentation software, ensuring participants felt comfortable using these tools in their daily work. Benefits of the Event: 1. Skill Development Participants gained practical knowledge and digital skills that are increasingly essential in the modern workplace.

The training covered the most relevant software tools, enhancing their technical proficiency. 2. Increased Digital Literacy The workshop significantly raised participants' digital literacy levels, equipping them with the skills needed to navigate today’s technology-rich environments. This newfound confidence is crucial as many sectors are adopting more digital practices.

4. Practical Application The focus on real-world applications helped participants understand how to leverage ICT in their roles. This practical emphasis made the learning experience relevant and engaging, ensuring that participants could see the value in what they were learning. 5. Empowerment and Confidence By the end of the workshop, participants reported feeling more empowered to use technology effectively in their work.



Students training local residents in basic ICT skills



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Digital Literacy, Skill Enhancement	Goal 4: Quality Education, Goal 8: Decent Work and Economic Growth	Inclusivity, Dedication, Trusteeship	13 students of Tecnia (outreach team).

2.5 Event: Outreach Activity

Topic: ICT Education in Schools

Date: 9/11/24

Venue: Bhalswa Dairy, Delhi

Objective: To raise awareness about the role of ICT in transforming traditional education.

Report: An outreach event titled “ICT Education in Schools” was organized by the Technical Club at Bhalswa Dairy, Delhi. The event was designed to expose students to the role of Information and Communication Technology (ICT) in modern education, equipping them with the knowledge and skills required to thrive in an increasingly digital world. With a total of 16 students and one faculty coordinator in attendance, the event successfully captured the attention of its audience, providing a deep dive into the possibilities and challenges associated with integrating technology into education.

The event began promptly with an introductory session, where the importance of ICT in education was highlighted. The first part of the session focused on explaining how ICT has transformed traditional classroom settings and how it can offer new ways of learning and teaching. The coordinator emphasized that ICT tools, such as digital classrooms, learning management systems (LMS), online resources, and educational apps, can enrich the learning process, making it more interactive, personalized, and engaging. Students also got to explore creative tools, such as graphic design software and video editing programs, which can be useful in educational projects and presentations.

Students learned about the different software applications that can be used in a classroom setting to facilitate better learning experiences. Students were introduced to various collaboration and communication tools, such as Google Docs, Zoom, and Slack. The idea behind this event was to emphasize how ICT can be used to facilitate teamwork, both in the classroom and beyond.



Students interacting with school children on ICT tools



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Digital Literacy, Knowledge Enhancement	Goal 4: Quality Education, Goal 10: Reduced Inequalities	Inclusivity, Dedication, Integrity	16 students of Tecnia (outreach team).

2.6 Event: Competition

Topic: Poster Designing

Date: 30/11/24

Venue: Lab 3, PG Building, TIAS

Objective: To familiarize students with basic and advanced tools for creating e-posters.

Report: The Technical Club of Tecnia Institute of Advanced Studies hosted an engaging and innovative event of poster designing. The activity was designed to blend creativity with technology, encouraging participants to showcase their design skills while exploring the potential of digital tools. The event was attended by enthusiastic students and guided by faculty ensuring smooth execution and learning opportunities. Students were given a time frame of two hours to create their e-posters.

They worked either individually or in pairs to brainstorm ideas and translate them into digital designs. The workspace was charged with energy as participants explored innovative layouts, experimented with color palettes, and incorporated modern design trends. After completing their designs, participants presented their e-posters to the faculty. Each team explained the thought process behind their design, the tools they used, and the significance of their chosen theme. This phase encouraged public speaking skills and built confidence among participants.

The designs were evaluated based on creativity, relevance to the theme, visual appeal, and overall impact. The event concluded with a short feedback session, where participants shared their experiences and the challenges they encountered during the activity. The most outstanding designs were awarded certificates of appreciation, motivating students to continue honing their creative and technical skills. The event proved to be highly beneficial for the participants in multiple ways: Skill Development: The event equipped students with essential digital design skills that are highly relevant in the modern workplace.



Participants designing e-posters in the lab



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Creativity, Digital Communication	Goal 4: Quality Education	Commitment, Integrity, Inclusivity	25 students of Tecnia.

2.7 Event: Outreach Activity

Topic: Digital Safety for Seniors

Date: 7/12/24

Venue: Bhalswa Dairy, Delhi

Objective: To educate seniors about the basics of digital safety and cyber hygiene.

Report: On 7th December 2024, the Technical Club of Tecnia Institute of Advanced Studies organized an impactful outreach activity titled “Digital Safety for Seniors” at Bhalswa Dairy, Delhi. This event was specifically designed to address the challenges faced by senior citizens in safely navigating the digital world, especially as reliance on technology has grown exponentially. The event aimed to empower seniors with knowledge about digital security, helping them avoid cyber threats such as phishing scams, identity theft, and online frauds.

The program commenced at 11:30 AM with a warm welcome speech by the faculty coordinator, who emphasized the growing importance of cybersecurity in daily life. Speech highlighted the need to make technology accessible and safe for senior citizens, who are often vulnerable to cyber threats due to a lack of digital literacy. The students were introduced as facilitators who would guide the seniors through interactive sessions and demonstrations designed to build their confidence in using digital tools. The event was carefully structured to ensure maximum engagement and learning. The first segment included a presentation on basic cybersecurity concepts delivered by student volunteers.

This session covered the essentials of cyber hygiene, such as the importance of using strong passwords, recognizing fraudulent messages, and understanding secure websites. Students also explained the importance of enabling features like two-factor authentication to secure accounts and how to keep devices updated with the latest security patches. The most engaging part of the program was the hands-on activity session, where seniors were divided into small groups, each guided by a student volunteer.



Students guiding senior citizens on digital safety



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Cyber Awareness, Social Responsibility	Goal 4: Quality Education, Goal 10: Reduced Inequalities	Inclusivity, Integrity, Trusteeship	13 students of Tecnia (outreach team).

2.8 Event: Seminar

Topic: Seminar on Core Data Structures

Date: 25/1/25

Venue: Room No: 2407, UG Block, TIAS

Objective: To introduce students to essential data structures and their applications.

Report: The Technical Club of Tecnia Institute of Advanced Studies successfully organized a Seminar on Core Data Structures .The event was designed to provide students with in-depth knowledge of fundamental data structures, their applications, and their significance in solving real-world computational problems. With the rapid advancement in technology, proficiency in data structures has become essential for students pursuing careers in computer science, software development, and competitive programming. The seminar aimed to bridge the gap between theoretical knowledge and practical implementation, helping students develop problem-solving skills and prepare for technical interviews. The session commenced with a warm welcome to speaker.

The speaker emphasized the importance of data structures in computer science and how they form the foundation of efficient algorithm design. He explained that selecting the right data structure can significantly enhance a program's performance, making it more efficient in terms of speed and memory usage. The seminar attracted students from various disciplines, eager to enhance their understanding of programming and computational efficiency. The seminar was structured into different sections, covering both linear and non-linear data structures.

The first segment introduced students to arrays and linked lists, explaining their advantages, limitations, and use cases. The speaker discussed the memory allocation mechanisms of arrays, explaining how they provide fast access to elements but suffer from fixed size constraints. This was followed by a discussion on linked lists, where students learned about singly, doubly, and circular linked lists. The comparison between arrays and linked lists helped students understand when to use each structure based on the problem requirements.



Speaker explaining core data structures







TECHNICAL CLUB

Organizes

SEMINAR ON CORE DATA STRUCTURES

25 January, 2025
 1:00 PM Onwards

Venue: Room No. 2407,
 UG Block, TIAS

(NODAL OFFICER, TECHNICAL CLUB)

Ms. Mansi Jaiswal



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Critical Thinking, Skill development	Goal 4: Quality Education	Commitment, Integrity, Inclusivity	15 students of Tecnia.

2.9 Event: Competition

Topic: Technical Presentation Competition on Data Science & AI

Date: 8/2/25

Venue: Room No: 2407, UG Block, TIAS

Objective: To introduce students to fundamental and advanced concepts of Data Science and AI.

Report: The Technical Club of Tecnia Institute of Advanced Studies successfully organized the Technical Presentation Competition on Data Science & AI, bringing together students eager to explore and present innovative ideas in the rapidly evolving field of artificial intelligence and data science. The event aimed to enhance students' technical knowledge, research skills, and presentation abilities while providing a platform to discuss the latest trends and applications in AI. Given the growing demand for AI-driven solutions across industries, it has become crucial for students to understand and apply AI concepts in real-world scenarios.

This competition encouraged participants to delve into AI and data science, analyze case studies, and develop effective communication and analytical skills necessary for their academic and professional growth. The competition was structured to challenge students in multiple ways. Participants were required to research and present on AI and data science topics, emphasizing innovation, technical depth, and real-world impact.

The event attracted students from diverse academic backgrounds, all eager to showcase their understanding of AI technologies such as machine learning, deep learning, computer vision, and natural language processing. The competition provided an excellent opportunity for students to hone their technical research skills, improve their ability to explain complex concepts, and engage in critical discussions on AI's role in society. The competition also delved into the ethical challenges of AI, including bias in machine learning models, privacy concerns, and the need for AI regulations.



Participant presenting on Data Science & AI



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Communication Skills, Research Skills	Goal 4: Quality Education, Goal 9: Industry, Innovation and Infrastructure	Commitment, Integrity, Inclusivity	10 students of Tecnia.

2.10 Event: Competition

Topic: Data Infographic Challenge - Data Visualization

Date: 15/2/25

Venue: Lab 4, UG Block, TIAS

Objective: To understand the fundamentals of data visualization and infographic design.

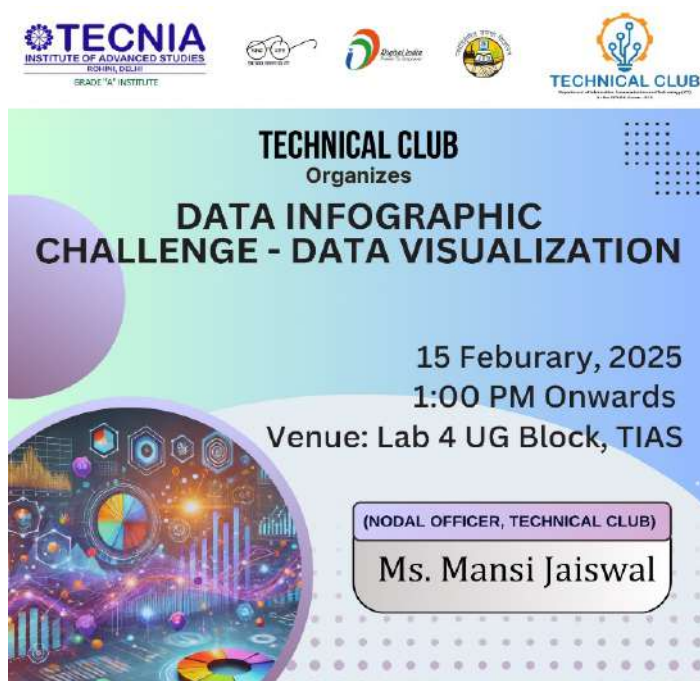
Report: The Technical Club of Tecnia Institute of Advanced Studies successfully organized the Data Infographic Challenge - Data Visualization event, attracting a large number of students eager to explore the power of data visualization. The event aimed to provide a platform where students could showcase their ability to convert raw data into meaningful, visually compelling stories. The event was designed to help students grasp the importance of data visualization in today's data-driven world. With an increasing reliance on data for decision-making in various fields, the ability to present data effectively has become a crucial skill.

The Data Infographic Challenge allowed students to apply theoretical knowledge to practical scenarios, improving their understanding of data visualization techniques and tools. The "Event on Data Infographic Challenge - Data Visualization" provided numerous benefits to students, enhancing both their technical and soft skills. It equipped them with the ability to convert complex data into visually engaging and meaningful infographics, a crucial skill in today's data-driven world.

By working with industry-standard tools such as Tableau, Power BI, and Python visualization libraries, students gained hands-on experience that will be valuable in their academic and professional journeys. The challenge encouraged analytical thinking, enabling students to identify trends, patterns, and insights from datasets, thereby improving their problem-solving abilities. Additionally, the event promoted creativity by pushing students to think beyond traditional charts and graphs and design visually compelling data stories. It also strengthened communication skills, as participants had to present their findings effectively, making their insights accessible to a wider audience.



Participants creating data infographics



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Analytical Thinking, Creativity	Goal 4: Quality Education	Commitment, Integrity, Inclusivity	13 students of Tecnia.

2.11 Event: Outreach Activity

Topic: Empowering Vision: DigiDrishti

Date: 20/2/25

Venue: Akbar Pur Majra, Delhi

Objective: To foster awareness about digital inclusivity.

Report: The Technical Club of Tecnia Institute of Advanced Studies successfully organized an outreach activity titled “Empowering Vision: DigiDrishti”, which focused on the role of digital technology in enhancing accessibility for visually impaired individuals. This event was designed to create awareness about assistive technologies and encourage students to develop innovative solutions that empower visually challenged individuals. The program provided an excellent opportunity for students to learn about real-world applications of Artificial Intelligence (AI), the Internet of Things (IoT), and digital accessibility solutions.

Through expert talks, live demonstrations, and interactive sessions, participants gained hands-on experience in developing and understanding assistive technologies. The event also encouraged innovation by allowing participants to brainstorm and prototype accessibility solutions, developing their creativity and critical thinking. Additionally, expert talks and panel discussions provided career guidance and networking opportunities, helping students explore future prospects in AI, data science, and assistive technology development. Beyond technical learning, the event played a crucial role in developing empathy and social awareness, as participants experienced the daily challenges of visually impaired individuals, reinforcing the importance of inclusive technology and ethical innovation.

Overall, the event empowered students with technical knowledge, innovative thinking, and a sense of responsibility, motivating them to contribute towards creating a more accessible and inclusive digital world. As technology continues to evolve, there is a growing need for young engineers and developers to integrate accessibility into digital solutions. DigiDrishti served as a catalyst for innovation and awareness, encouraging students to think beyond conventional applications of technology and focus on real-world impact.



Students demonstrating assistive technology to local residents



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Inclusive Technology, Empathy	Goal 4: Quality Education, Goal 10: Reduced Inequalities	Inclusivity, Global Citizenship, Integrity	15 students of Tecnia (outreach team).

2.12 Event: Competition

Topic: Java Code Challenge: Tackle OOP with Fun

Date: 27/2/25

Venue: Lab 4, UG Block, TIAS

Objective: Students will be able to explain and implement core object-oriented programming concepts like classes, objects, inheritance, polymorphism, encapsulation, and abstraction.

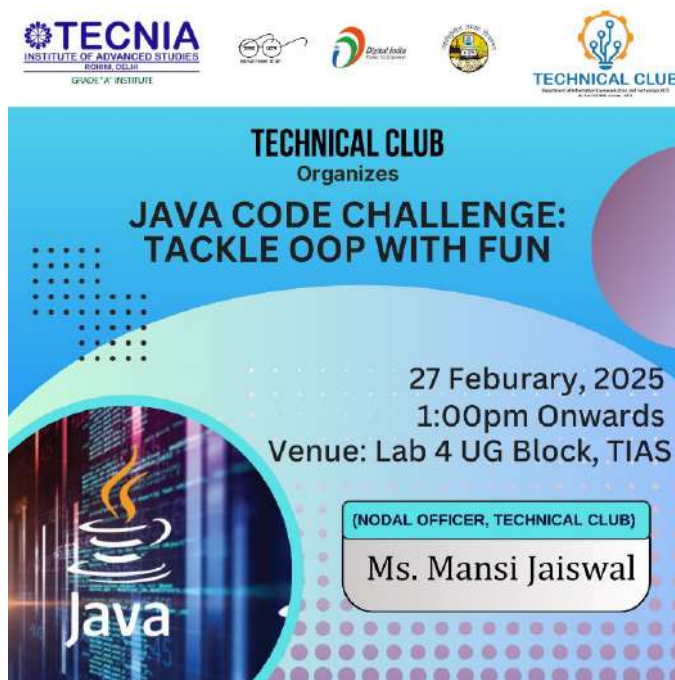
Report: The Java Code Challenge was an exciting and enriching event organized by the Technical Club. This event aimed to provide participants with a hands-on learning experience in object-oriented programming (OOP) using Java, while also making the learning process enjoyable and competitive. The event attracted a diverse group of students, from beginners eager to understand programming fundamentals to experienced coders looking to sharpen their skills. Divided into small teams, participants were tasked with solving coding challenges that required the application of key OOP concepts such as inheritance, polymorphism, and encapsulation.

As the event progressed, the difficulty of the challenges increased, testing participants' problem-solving abilities, coding proficiency, and teamwork. The tasks ranged from simple exercises like building a basic class structure to more complex assignments, such as simulating a bank system using OOP principles. A unique aspect of the event was its focus on collaboration.

Each team worked together to break down problems, design their solutions, and write Java code, all while improving their debugging and logical thinking skills. This teamwork fostered a collaborative environment where participants exchanged ideas and strategies, further enhancing the overall learning experience. Additionally, the competitive nature of the event motivated students to push their limits, apply creative solutions, and learn under time pressure, replicating real-world software development scenarios. The event provided students with valuable exposure to practical coding challenges, boosting their confidence in their abilities and their readiness for future software development tasks.



Participants during the Java Code Challenge



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Problem Solving, Skill development	Goal 4: Quality Education	Commitment, Integrity, Inclusivity	35 students of Tecnia.

2.13 Event: Competition

Topic: Pitch Competition: Startup Elevator Pitch

Date: 8/3/25

Venue: Room No:2407, UG Block, TIAS

Objective: To enhance students' ability to present business ideas in a concise and compelling manner.

Report: The "Pitch Competition: Startup Elevator Pitch" was an exciting and dynamic event organized by the Technical Club, which provided a unique platform for students to showcase their entrepreneurial ideas. Held on 8th March 2025, the event attracted a diverse group of participants who had the opportunity to pitch their innovative startup ideas to a panel of esteemed judges, including successful entrepreneurs, industry professionals, and faculty members. The competition aimed to cultivate the entrepreneurial spirit among students and help them gain practical experience in pitching their ideas effectively.

The event was structured around the concept of an elevator pitch, where participants were required to deliver a concise and compelling pitch for their startup idea within a very short period, typically 3 to 5 minutes. This time constraint mirrored the real-world scenario of pitching an idea to an investor in an elevator ride. The participants were expected to explain their business idea, outline the problem it addressed, provide potential solutions, and briefly discuss the market opportunity. The participants came from various academic disciplines, leading to a diverse range of startup ideas.

Some of the startups focused on technology-driven solutions, while others aimed to address social issues, environmental sustainability, and innovative services. The diversity of ideas showcased the creativity and entrepreneurial potential of the students, emphasizing that innovation and entrepreneurship are not limited to any one field or sector. The Pitch Competition: Startup Elevator Pitch offered numerous benefits to students, both on a personal and professional level.



Participant pitching a startup idea



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Entrepreneurship, Communication Skills	Goal 8: Decent Work and Economic Growth, Goal 9: Industry, Innovation and Infrastructure	Commitment, Dedication, Integrity	13 students of Tecnia.

2.14 Event: Coding Competition

Topic: Coding Competition - SQL Scavenger Hunt

Date: 17/3/25

Venue: Lab 4, UG Block, TIAS

Objective: To encourage problem-solving through SQL-based challenges.

Report: The "Coding Competition - SQL Scavenger Hunt" was a thrilling event organized by the Technical Club at Tecnia Institute of Advanced Studies, aimed at testing and enhancing students' SQL proficiency through an engaging and interactive scavenger hunt format. The event was meticulously planned to challenge participants with real-world SQL problems and provide them with a platform to showcase their database management skills. The event was structured in multiple rounds, each presenting unique challenges related to SQL queries, database design, and optimization techniques. The problems ranged from basic SELECT queries to complex JOINS, subqueries, stored procedures, and performance optimization techniques.

The event provided students with invaluable hands-on experience in SQL, allowing them to strengthen their database management and query optimization skills. Through engaging challenges, students improved their problem-solving abilities, critical thinking, and debugging techniques. The scavenger hunt format fostered a competitive yet collaborative environment where participants enhanced their logical reasoning while working under time constraints.

Moreover, students gained exposure to real-world database scenarios, which is crucial for careers in data analysis and software development. The competition also encouraged teamwork, effective communication, and time management skills. Furthermore, it prepared students for industry roles by familiarizing them with SQL concepts required for technical interviews and professional projects, making them more career-ready and confident in tackling complex database-related challenges. The "Coding Competition - SQL Scavenger Hunt" was a resounding success, providing students with an exciting platform to test and enhance their SQL skills.



Participants solving SQL challenges



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Problem Solving, Logical Reasoning	Goal 4: Quality Education	Commitment, Integrity, Inclusivity	20 students of Tecnia.

2.15 Event: Outreach Activity

Topic: E-Granthalaya - Digital Library Revolution

Date: 27/3/25

Venue: Bhalswa Dairy, Delhi

Objective: To introduce students to the concept of digital libraries and their benefits.

Report: In an era where technology is reshaping every aspect of life, education has witnessed a significant transformation through digital learning platforms. One of the most revolutionary advancements in this domain is the emergence of digital libraries, which have redefined the way students access and utilize academic resources. To highlight the significance of this transformation, the Technical Club of Tecnia Institute of Advanced Studies organized a special event titled “E-Granthalaya - Digital Library Revolution” at Bhalswa Dairy, Delhi, from 1:00 PM onwards. The primary objective of this event was to educate students about the importance, benefits, and effective utilization of digital libraries in academic and research fields.

The E-Granthalaya - Digital Library Revolution event provided numerous benefits to students. It enhanced their digital literacy, improved research and citation skills, introduced them to free educational resources, and encouraged self-learning. Furthermore, by shifting to digital libraries, students understood how e-learning contributes to environmental sustainability by reducing paper usage.

The event also helped bridge the digital divide by making students aware of open-access resources, ensuring that education is accessible to all. The knowledge and skills gained from this event will help students in competitive exams, research projects, and higher studies, ultimately contributing to their academic and professional growth. In conclusion, the E-Granthalaya - Digital Library Revolution event was a resounding success, providing students with valuable insights into the role of digital libraries in modern education. The interactive sessions, expert discussions, and practical demonstrations ensured that students gained a comprehensive understanding of how to leverage digital libraries for academic excellence.



Session on digital libraries during the outreach activity



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Digital Literacy, Self-learning	Goal 4: Quality Education	Inclusivity, Dedication, Trusteeship	13 students of Tecnia (outreach team).

2.16 Event: Quiz

Topic: Quiz Contest

Date: 15/4/25

Venue: Room No-2407, UG Block, TIAS

Objective: To familiarize students with core concepts such as SDLC, agile methodologies, software testing, UML, and project management.

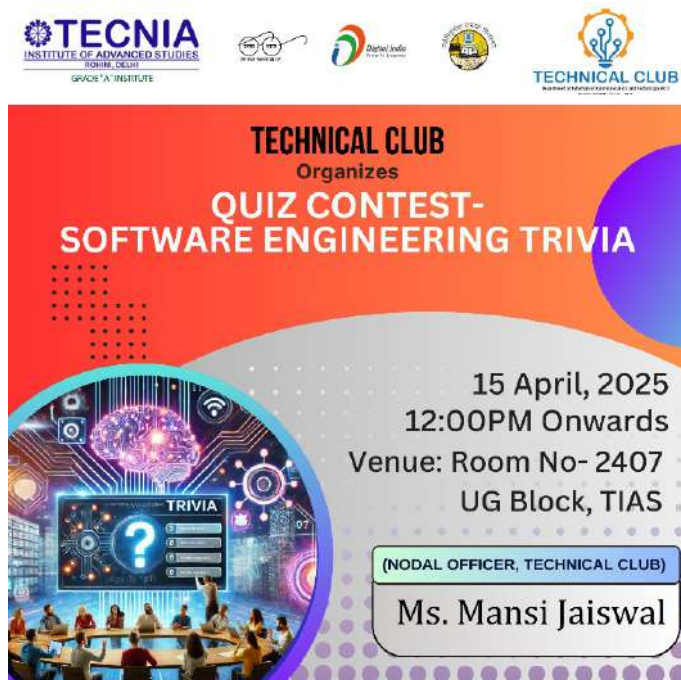
Report: The Technical Club of Tecnia Institute of Advanced Studies successfully organized a dynamic and intellectually stimulating event titled “Quiz Contest - Software Engineering Trivia”. The contest was aimed at undergraduate students pursuing Computer Science, Information Technology, or related fields, with the objective of evaluating and reinforcing their understanding of fundamental and advanced topics in Software Engineering through a gamified approach. The quiz was not only a competition but also an educational experience. Between the rounds, the host engaged the audience with mini-questions and giveaways to maintain enthusiasm and include non-participating students in the learning process.

The “Quiz Contest - Software Engineering Trivia” provided a unique platform for students to enhance both their academic understanding and interpersonal skills. By participating in the event, students were able to reinforce their theoretical knowledge of software engineering concepts in a practical and engaging manner. The quiz format encouraged quick thinking and the application of concepts under time constraints, which helped improve their problem-solving and decision-making abilities.

Working in teams fostered collaboration, communication, and peer learning, allowing students to share insights and support one another. Additionally, the competitive nature of the quiz helped boost students’ confidence, especially for those preparing for campus placements and technical interviews. The interactive and gamified learning environment broke the routine of classroom teaching, making complex topics more enjoyable and easier to grasp. Furthermore, the event created an opportunity for students from different academic years and backgrounds to interact, facilitating networking and the exchange of ideas.



Participants during the quiz contest



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Critical Thinking, Communication Skills	Goal 4: Quality Education	Commitment, Integrity, Inclusivity	26 students of Tecnia.

2.17 Event: Outreach Activity

Topic: e-RUPI: A Simple, Secure, and Fast Way to Make Payments

Date: 19/4/25

Venue: Nangli Puna, Delhi

Objective: To explore the role of technology in secure and targeted payment delivery.

Report: The Technical Club of Tecnia Institute of Advanced Studies proudly organized an enlightening outreach event on the theme “e-RUPI: A Simple, Secure, and Fast Way to Make Payments”, aimed at familiarizing students with one of India’s most innovative digital payment instruments. Held as part of our continuous effort to bridge the gap between technological advancement and student awareness, the session attracted significant participation. Designed to ensure that benefits are delivered directly to the beneficiaries without leakages, e-RUPI is a path-breaking initiative under the umbrella of Digital India.

A live demo of how e-RUPI vouchers are generated and redeemed was one of the highlights of the event. Through real-life examples and an interactive Q&A session, students learned about how the system ensures that benefits are used only for the intended purpose, reducing misuse and enhancing transparency. The event on “e-RUPI: A Simple, Secure, and Fast Way to Make Payments” offered immense educational value by bridging the gap between classroom learning and real-world fintech applications.

It provided students with a clear understanding of how modern digital payment systems like e-RUPI function and their significance in ensuring targeted and transparent delivery of welfare services. By exploring the backend technology and policy framework behind e-RUPI, students gained insights into the practical implementation of theoretical concepts from fields such as finance, information technology, public administration, and economics. The session helped in enhancing financial literacy, fostering an appreciation for digital innovation, and cultivating an awareness of cybersecurity in digital transactions.



Students demonstrating e-RUPI payments to local residents



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Financial Literacy, Technology Integration	Goal 8: Decent Work and Economic Growth, Goal 10: Reduced Inequalities	Integrity, Inclusivity, Dedication	11 students of Tecnia (outreach team).

2.18 Event: Seminar

Topic: Seminar on Unlocking the Power of IoT with Data Mining

Date: 29/4/25

Venue: Room No-2407, UG Block, TIAS

Objective: To introduce students to the integration of IoT and Data Mining.

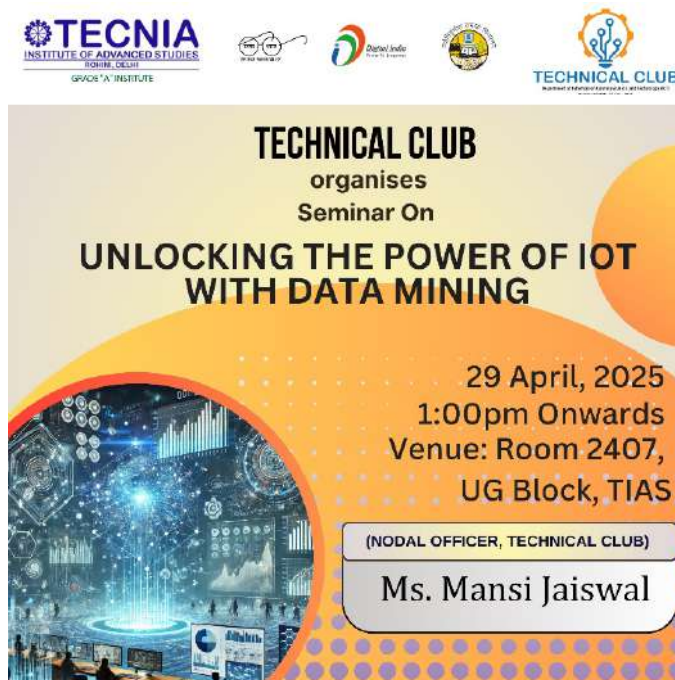
Report: The seminar aimed to introduce students to the world of Internet of Things (IoT) and its powerful convergence with Data Mining. As these two domains continue to dominate modern technological advancements, this event provided a timely and essential insight into how data-driven IoT solutions are reshaping industries, urban planning, healthcare, logistics, and everyday life. The speaker explained the core idea of IoT—how devices are embedded with sensors, software, and connectivity to exchange data and automate processes. Examples ranged from smart homes to industrial automation and wearable health devices.

Students were introduced to the concept of Data Mining—its purpose, techniques, and how it involves extracting meaningful patterns and knowledge from large datasets using algorithms and statistical models. The seminar delved into how data collected from IoT devices can be analyzed using data mining to draw useful insights. This integration enables predictive maintenance, real-time decision-making, and smarter services in multiple sectors. The seminar also addressed challenges such as managing big data, ensuring the security of connected devices, and ethical concerns around data collection and privacy.

The final segment explored how emerging fields like AI, Edge Computing, and Blockchain are converging with IoT and Data Mining. Students were guided on the skills required to pursue a career in these fields, tools to learn (like Python, TensorFlow, R, and IoT platforms), and potential certifications and internships. The session was not just a lecture but an engaging learning experience. Students participated actively, asked insightful questions, and interacted with the speaker, showcasing their curiosity and enthusiasm.



Students attending the seminar on IoT and Data Mining



OBE Values	UNSDGs	Mulya Pravah	Beneficiary
Critical Thinking, Skill development	Goal 4: Quality Education, Goal 9: Industry, Innovation and Infrastructure	Commitment, Integrity, Inclusivity	26 students of Tecnia.

2A. OUTREACH ACTIVITIES REPORT

S.No	Date	Title	Outcome Based Education (OBE)	UNSDGs	Mulya Pravah	Students
1	5/10/24	ICT Education for Non-ICT Professionals	Digital Literacy, Skill Enhancement	Goal 4, Goal 8	Inclusivity, Dedication, Trusteeship	13
2	9/11/24	ICT Education in Schools	Digital Literacy, Knowledge Enhancement	Goal 4, Goal 10	Inclusivity, Dedication, Integrity	16
3	7/12/24	Digital Safety for Seniors	Cyber Awareness, Social Responsibility	Goal 4, Goal 10	Inclusivity, Integrity, Trusteeship	13
4	20/2/25	Empowering Vision: DigiDrishti	Inclusive Technology, Empathy	Goal 4, Goal 10	Inclusivity, Global Citizenship, Integrity	15
5	27/3/25	E-Granthalaya – Digital Library Revolution	Digital Literacy, Self-learning	Goal 4	Inclusivity, Dedication, Trusteeship	13
6	19/4/25	e-RUPI: A Simple, Secure, and Fast Way to Make Payments	Financial Literacy, Technology Integration	Goal 8, Goal 10	Integrity, Inclusivity, Dedication	11
Total Student Volunteers						81

2B. AWARENESS ACTIVITIES REPORT

S.No	Date	Title	Outcome Based Education (OBE)	UNSDGs	Mulya Pravah	Participants
1	7/9/24	Smart India Hackathon (Internal) on Coding	Problem Solving, Coding Skills	Goal 4, Goal 9	Commitment, Integrity, Inclusivity	15
2	13/9/24	Coding Challenge and Tech Talk on Programming	Critical Thinking, Skill development	Goal 4	Commitment, Integrity, Inclusivity	25
3	21/9/24	AI Ideathon: Innovating with Artificial Intelligence	Innovation, Critical Thinking	Goal 4, Goal 9	Commitment, Dedication, Inclusivity	16
4	30/11/24	Poster Designing	Creativity, Digital Communication	Goal 4	Commitment, Integrity, Inclusivity	25
5	25/1/25	Seminar on Core Data Structures	Critical Thinking, Skill development	Goal 4	Commitment, Integrity, Inclusivity	15
6	8/2/25	Technical Presentation Competition on Data Science & AI	Communication Skills, Research Skills	Goal 4, Goal 9	Commitment, Integrity, Inclusivity	10
7	15/2/25	Data Infographic Challenge – Data Visualization	Analytical Thinking, Creativity	Goal 4	Commitment, Integrity, Inclusivity	13
8	27/2/25	Java Code Challenge: Tackle OOP with Fun	Problem Solving, Skill development	Goal 4	Commitment, Integrity, Inclusivity	35
9	8/3/25	Pitch Competition: Startup Elevator Pitch	Entrepreneurship, Communication Skills	Goal 8, Goal 9	Commitment, Dedication, Integrity	13
10	17/3/25	Coding Competition – SQL Scavenger Hunt	Problem Solving, Logical Reasoning	Goal 4	Commitment, Integrity, Inclusivity	20
11	15/4/25	Quiz Contest – Software Engineering Trivia	Critical Thinking, Communication Skills	Goal 4	Commitment, Integrity, Inclusivity	26
12	29/4/25	Seminar on Unlocking the Power of IoT with Data Mining	Critical Thinking, Skill development	Goal 4, Goal 9	Commitment, Integrity, Inclusivity	26
Total Participants						239

2C. WEBSITE LINKS

OUTREACH ACTIVITIES		
S.No	Activities	Links
1	Har Payment Digital	https://tiaspg.tecnia.in/wp-content/uploads/2023/11/digital-payment-report.pdf
2	Cyber Civility - Nurturing Cyber Ethics	https://tiaspg.tecnia.in/wp-content/uploads/2023/11/cyber-ethics-report.pdf
3	National E-Governance Plan Awareness Campaign	https://tiaspg.tecnia.in/wp-content/uploads/2024/04/National-eGovernance.pdf
AWARENESS ACTIVITIES		
1	Technical Debate	https://tiaspg.tecnia.in/wp-content/uploads/2023/11/technical-debate-report.pdf
2	Technical Quiz	https://tiaspg.tecnia.in/wp-content/uploads/2024/01/Technical-Quiz-Report.pdf
3	Workshop on AI and Machine Learning	https://tiaspg.tecnia.in/wp-content/uploads/2024/01/Workshop-on-AI-Report.pdf
4	Workshop on IOT	https://tiaspg.tecnia.in/wp-content/uploads/2024/04/Workshop-on-IOT.pdf
5	Webinar on Networks and Networking	https://tiaspg.tecnia.in/wp-content/uploads/2024/07/Webinar-on-Networks-and-Networking.pdf

3. FUTURE PLANS

In alignment with the United Nations Sustainable Development Goals (UNSDGs) and the Mulya Pravah initiative, the Technical Club aims to further its commitment to technological empowerment and community development. Moving forward, the club will focus on engaging both in-house students and local communities in adopted villages through a series of targeted initiatives.

1. **Skill Development and Capacity Building:** We plan to conduct more training sessions and workshops for in-house students and village communities, with an emphasis on digital literacy, coding, and technical problem-solving skills. These initiatives will equip individuals with essential tools to thrive in the digital era, addressing SDG 4 (Quality Education) by fostering inclusive, equitable, and quality learning opportunities.
2. **Promoting Innovation and Entrepreneurship:** Through innovation challenges, hackathons, and entrepreneurial workshops, the club will nurture a spirit of creativity and entrepreneurship among students and local communities. This aligns with SDG 8 (Decent Work and Economic Growth), empowering participants to develop solutions that can create local economic opportunities and sustainable livelihoods.
3. **Community Engagement and Social Impact:** The Technical Club will facilitate collaborations between students and local communities to identify and address technological challenges, promoting SDG 11 (Sustainable Cities and Communities). Initiatives such as deploying IoT solutions for agriculture or providing digital resources to underserved areas will empower rural communities, enhance livelihoods, and contribute to the sustainable development of these regions.

4. **Environmental Sustainability:** In line with SDG 13 (Climate Action), the club will promote the development of technology-driven solutions focused on environmental sustainability. These initiatives will include workshops on energy-efficient technologies, smart agriculture practices, and eco-friendly innovations that benefit both students and the local communities in the adopted villages.

Through these forward-looking initiatives, the Technical Club remains committed to empowering individuals with knowledge, fostering community engagement, and creating impactful solutions that align with global sustainability goals and the values of Mulya Pravah.

4. CONCLUSION

The Technical Club of Tecnia Institute of Advanced Studies has made remarkable progress in fostering a spirit of innovation, learning, and collaboration during the academic year 2024-25. Through its diverse initiatives, including the Smart India Hackathon, an AI Ideathon, coding and SQL competitions, technical seminars, presentation and pitch competitions, and outreach activities in the adopted villages of Bhalswa Dairy, Akbar Pur Majra and Nangli Puna, the club has successfully provided students with opportunities to develop their technical expertise, teamwork skills, and problem-solving abilities.

More significantly, the activities of the club have instilled in students the core values of integrity, dedication, inclusivity, and commitment as put forwarded in the mandate by the IQAC of the Institute: fostering Mulya Pravah whereby inculcating Values among the learners, participants, and beneficiaries of the adopted villages. These values not only enhance their technical competence but also shape them into responsible and well-rounded individuals prepared to make meaningful contributions to society and make the students well placed to be a role model and ambassador of Tecnia, further to become Global Citizen of the world. The activities of the club aligned with the values of the United Nations Sustainable Development Goals (UNSDGs) by promoting inclusivity, innovation, and sustainability through technology in all its initiatives.

This report stands as a testament to the hard work and dedication of the club members, and institutional support, which together have driven the success of various programs and activities. As we move forward, the club aims to expand its reach, enhance its offerings, and continue making a meaningful impact on the student community and beyond. Together, with the support of all, we look forward to an even more impactful and successful future.

5. ANNEXURES

AWARDS AND RECOGNITION





TECNIA INSTITUTE OF ADVANCED STUDIES

GRADE "A" INSTITUTE



Approved by AICTE, Ministry of HRD, Govt. of India, Affiliated to G.G.S.I.P. University & Recognized Under Sec. 2(f) of UGC Act 1956.



TECHNICAL CLUB



This is to certify that Mr/Ms. **Harshit** is a Student of Tecnia Institute of Advanced Studies, for being the student coordinator in the event of **Technical Quiz** Securing **3rd** Position organized by Technical Club under the Department of Information Communication and Technology held on **04th November, 2023**.

Geeta
Coordinator
Ms. Geeta
Dept. of Information Communication & Technology

Deepak
HOD Department of ICT
Dr. Deepak Sonkar
Dept. of Information Communication & Technology

Ajay
Chairperson
Dr. Ajay Kumar
Director, TIS



India's Premier ISO 21001:2018 & 51001:2018 Certified Institute; Rated as "A++" Category Best Business School by latest AIMA Business Standard & Business India Publications Surveys & Included in Top 100 B-Schools & IT-Schools by Dalal Street Investment Journal.

INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085



TECNIA INSTITUTE OF ADVANCED STUDIES

GRADE "A" INSTITUTE



Approved by AICTE, Ministry of HRD, Govt. of India, Affiliated to G.G.S.I.P. University & Recognized Under Sec. 2(f) of UGC Act 1956.



TECHNICAL CLUB



This is to certify that Mr/Ms. **Ritik** is a Student of Tecnia Institute of Advanced Studies, for being the student coordinator in the event of **Technical Quiz** Securing **2nd** Position organized by Technical Club under the Department of Information Communication and Technology held on **04th November, 2023**.

Geeta
Coordinator
Ms. Geeta
Dept. of Information Communication & Technology

Deepak
HOD Department of ICT
Dr. Deepak Sonkar
Dept. of Information Communication & Technology

Ajay
Chairperson
Dr. Ajay Kumar
Director, TIS



India's Premier ISO 21001:2018 & 51001:2018 Certified Institute; Rated as "A++" Category Best Business School by latest AIMA Business Standard & Business India Publications Surveys & Included in Top 100 B-Schools & IT-Schools by Dalal Street Investment Journal.

INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085

ESTABLISHMENT CERTIFICATE



OFFICE ORDER

TECNIA INSTITUTE OF ADVANCED STUDIES
GRADE 'A' INSTITUTE

Ref. No.: TIAS/Dir. Off./2023-24/29(A)

Date: 15.03.2023

OFFICE ORDER

Subject: Nodal Officer- Technical Club
 Nodal Officer- GrafixX Club

In reference to propagate the mandate of Nodal Officer-Technical Club & Nodal Officer- GrafixX Club in Tecnia Institute of Advanced Studies; below mentioned faculty is hereby been nominated and entrusted in responsibility as Nodal Officer- Technical Club & Nodal Officer- GrafixX Club w.e.f. 15.03.2023

Sr. No.	Name of Faculty	Department	Responsibility
01	Ms. Geeta Rani	ICT	Nodal Officer - Technical Club
02	Mr. Ketan Kumar Kataria	JMC	Nodal Officer- GrafixX Club

In reference to BCA Scheme and Syllabus 2021-22 onwards, GGSIP University has introduced NSS/NCC/ Cultural Clubs/ Technical Society/ Technical Clubs in 3rd Year in consonance with NEP 2020, the University has introduced as paper in BCA 6th Semester with details as under:

Code No.	Paper	Type	L	T/P	Credits
BCA 374	NSS/ NCC/Cultural Clubs/ Technical Society/ Technical Clubs	Mandatory	-	-	2

\$NUES: Comprehensive evaluation of the students by the concerned coordinator of NCC/ NSS/ Cultural Clubs/ Technical Society/ Technical Clubs, out of 100 as per the evaluation schemes worked out by these activity societies, organizations at the Institution/ University level; the coordinators shall be responsible for the evaluation of the same. These activities shall start from the 1st semester and the evaluation shall be conducted at the end of the 6th Semester for students admitted in the first semester.

In reference to BCA Scheme and Syllabus 2021-22 onwards, GGSIP University has introduced Designing Lab Photoshop in BCA 2nd Semester, 3rd Semester & 5TH Semester with details as under:

Code No.	Paper	Type	L	T/P	Credits
BCA 138	Designing Lab Photoshop	SEC-1	0	4	2
BCA 233	Designing Lab CorelDraw	SEC-2	0	4	2
BCA 303	Computer Graphics	Core Course	3	1	4

In reference to MCA Scheme and Syllabus 2021-22 onwards, GGSIP University has introduced as paper in MCA 3rd Semester with details as under:

Code No.	Paper	Type	L	T/P	Credits
MCA-211	Computer Graphics	Core Elective	3	1	4

In reference to BA/JMC Scheme and Syllabus 2022-23 onwards, GGSIP University has introduced Design & Graphics Lab in 1st Year in consonance with NEP 2020, the University has introduced as paper in BA/JMC 1st & 2nd Semester with details as under:

Code No.	Paper	Type	L	T/P	Credits
BA(JMC) 155	Design & Graphics Lab- I	Practical/Seminars/Viva Voce	-	2	2
BA(JMC) 156	Design & Graphics Lab- II	Practical/Viva Voce	-	2	2

Accordingly, he/she is required to take all conceivable efforts and make himself/herself abreast with all the notifications issued by the competent authority time to time and take requisite action; make report of the activities under this club and upload the Institute website for the advantage of all stakeholders.

The aforesaid duty assigned as per UGC; Gazette Notification; Dt. 18.07.2018; UGC Regulations on minimum qualifications for appointment of teacher and other academic staff in universities and colleges and measures for the maintenance of standards in Higher Education, 2018; pg. no. 104; Appendix-II; Table-I; Assessment Criteria and methodology for university/college teachers; S. No. 2; Heading: Grading Criteria; "Involved in at least 3 activities"


DIRECTOR

Teoria Institute of Advanced Studies
Affiliated to GGSIU University Delhi
Copy to: Connaught Place, New Delhi-110088

Ms. Geeta Rani, Faculty- DICT

Mr. Ketan Kumar Kataria, Faculty-DJMC

All Deans-DMS/ DICT/ DJMC

All HoDs – MBA, MCA, BBA, BA (J&MC) & BCA Program- for information & compliance.

Academic Cell – to inform all concerned.

IQAC- for information

Website: to upload the same on website.

Personal File

TECHNICAL CLUB CORE COMMITTEE

The following members were selected as core committee members of the Technical Club for the session 2024-25 (Ref. No: TIAS/TECHNICAL CLUB/2024-25/01 dated 10/08/2024):

S.No	Name	Designation
1	Ms. Mansi Jaiswal	Nodal Officer
2	Ms. Nisha Rai	Faculty Coordinator (Mgt.)
3	Mr. Suresh Panchal	Faculty Coordinator (IT)
4	Mr. Ashish Kumar	Faculty Coordinator (Media)
5	Aanchal	Campus Ambassador (IT)
6	Vansh Tyagi	Campus Ambassador (Mgt.)
7	Gungun Goel	Student Coordinator (Mgt.)
8	Lavanya Agarwal	Student Coordinator (Media)
9	Priya Kumari	Executive Committee Member (IT)
10	Aryan Kumar	Executive Committee Member (Media)
11	Pratham Khandelwal	Executive Committee Member (Mgt.)

TECHNICAL CLUB STUDENT VOLUNTEERS

The following students were selected as student coordinators (volunteers) of the Technical Club for the session 2024-25 (Ref. No: TIAS/TECHNICAL CLUB/2024-25/02 dated 12/08/2024):

S.No	Name	Course
1	Anisha Juneja	BCA
2	Kanchan Maurya	BCA
3	Asmi Soni	BCA
4	Nikhil	BCA
5	Rishabh Jain	BCA
6	Disha Bansal	BBA
7	Piyush Garg	BBA
8	Atishay Jain	BAJMC
9	Alok Sharma	BCA
10	Mehak Wasan	BAJMC
11	Nirmit Dhingra	BCA
12	Yash Ahuja	BCA
13	Swayam Gupta	BCA



Living World of Diversity...

NODAL OFFICER/PROGRAMME OFFICER/INCHARGE

Ms. Mansi Jaiswal

CLUB AMBASSADOR

Aanchal

Vansh Tyagi

For Details Visit :

☎ : 011-27555121-24 | 🌐 : www.tiaspg.tecnia.in | ✉ : director@tecnia.in

INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085

Rated as 'A' Category by JAC, Govt. of NCT of Delhi;

A++ Category - Best Business School by AIMA - Business Standard

ISO 9001:2015, ISO 14001:2015, ISO 21001:2018, ISO 51001: 2018 Certified Institute;