

THE TECHNICAL BOARD (2023-24)



OUR MOTTO

Engineering and Technical board has its motto to deliver information regarding every happening in the gallery of engineering world that is competitions, seminars and conferences taking place out there.

FACULTY INCHARGES : P. B. Karandikar (EnTC Dept)
Dr. Ashwini Sapkal (IT Dept)
Mrs. Yogita Hambir (Comp Dept)
Dr. R. B. Gurav (Mech Dept)
Dr. Ganesh Mundhe (ASGE Dept)

BOARD SECRETARIES : Vansh Vatsal (IT),
Anushna (IT)

LINKS TO TECHNICAL BOARD AT DIFFERENT PLATFORMS:

INSTAGRAM: <https://www.instagram.com/aittechnicalboard/igshid=1g7kvxse9zmmu&fbclid=IwAR078YmXx4k8xmfcIAPp0Rgl35ra9e41iRDakt7LoRlaKluPjclUWWh86k>

JOINT SECRETARIES

On the path of rejuvenation and with goals to achieve the next level, The Technical Board has its Joint Secretaries!

Vishal Suthar
Nepal Singh
Nisha Dhaka
Priyanshu
Varsha
Yashwant
Vikrant Singh
Yash Nikam
Akshit Kotnala
Ankit Rai

TE MEMBERS

“Individually we perform great deeds, but when put together, it becomes wonderful”

Introducing the TE members for the year 2k22–23

Aditya
Khushi
Prashant
Harsh
Rakesh
Giriraj
Nirmal
Ronak
Ayush
Shivank
Utkarsh
Mohit
Hitanshu
Royal
Aditi
Praveen
Yuvraj
Bharat
Manas
Abhay
Avinash
Devesh
Mukund
Raj

Looking forward to an amazing year with such tech geeks!

EVENT- SnapHunts

Dated 22nd AUGUST

Time: 5:00 PM

Venue: Central Gazebo

Overview:

"Exploration is really the essence of human spirit"

- Frank Borman

The Technical Board organized an exclusive event for first-year students, named Snaphunt, which took place on the evening of 30th July 2024 at the Central Gazebo. The event aimed to provide a fun and engaging exploration experience for new students, encouraging team participation and problem-solving skills.

Event Details:

1. Introduction:

- The event began promptly after the induction session. Students were briefed about Snaphunt and directed to gather at the Central Gazebo.

2. Format:

- The event featured a riddle-based scavenger hunt, utilizing Google Forms for submission. Each participating team consisted of four members.
- The riddle set comprised 15 questions that guided teams to various locations on campus, which were familiarized to students during their campus tour.
- The riddles varied in complexity and humor, with some locations containing hidden "easter eggs" for added excitement.

3. Execution:

- Participants were provided with scanners on their phones to receive riddles and were required to solve them while navigating the campus.
- Teams competed to solve the riddles as quickly as possible and visit designated locations.

4. Conclusion:

- After one hour of active participation, teams returned to the starting point, submitted their completed Google Forms, and notified board members of their completion.
- The event concluded with the declaration of results on the board's social media handle, marking another successful and engaging activity organized by the Technical Board.

Outcome:

Snaphunt was a highly successful event, drawing participation from over 100 teams (400+ students). The enthusiastic engagement of first-year students and the smooth execution of the event highlighted its success. The combination of problem-solving and campus exploration provided a memorable experience for the new batch, contributing positively to their orientation and integration into campus life.

Date: 18th September

1:00 PM

Venue: Manekshaw Hall

Event Overview: "TECH-ELEVATE x AIT" was a spectacular showcase of innovation, creativity, and technical excellence within the AIT community. This event, which resonated deeply with both participants and spectators, brought together students across all academic years to participate in an electrifying competition. The event was divided into two major categories—Software and Hardware—each comprising six distinct domains, allowing students to display their expertise and passion in their chosen fields.

Event Highlights:

- **Phenomenal Turnout:** The event saw participation from 40 teams, with 30 teams competing in the Software category and 10 in the Hardware category. The enthusiastic involvement from students was a testament to the vibrant technical culture at AIT.
- **Exhilarating Competition:** The event unfolded over two intense rounds, where teams engaged in a fierce yet friendly competition to showcase their innovative solutions. The energy was palpable as students pushed the boundaries of creativity and technical know-how.
- **Diverse Judging Panel:** A panel of five expert judges from five different departments evaluated the projects. Their diverse expertise ensured a comprehensive and fair assessment of each team's work.
- **First-Year Participation:** Notably, nine teams from the first-year students demonstrated remarkable talent and enthusiasm, marking their entry into the world of innovation with great promise.

Closing Ceremony:

The closing ceremony was a celebration of talent, hard work, and innovation. The event culminated in the felicitation of the deserving winners, who were awarded a prize pool of over ₹35,000. The ceremony not only recognized the winners but also inspired all participants to continue their journey of innovation and learning.

Conclusion:

"TECH-ELEVATE x AIT" was more than just a competition; it was a platform that revealed the immense potential within the AIT community. The event highlighted the collaborative spirit, technical skills, and innovative mindset of the students. The success of this event marks the beginning of a transformative era at AIT, one where innovation and education go hand in hand to shape the future. The echoes of "TECH-ELEVATE x AIT" will undoubtedly inspire many more such events in the years to come, as we continue to pioneer new frontiers in technology and education.



EVENT – MOI DevX

Dated: 26th November

10:00 AM

Venue: Manekshaw Hall

Event Overview: The "MOI Technology Workshop" held on 26th November at Manekshaw Hall, Technical Board AIT, was a significant event designed to bridge the gap between theory and practical application in the tech industry. Organized by MOI Technology, the workshop targeted developers, professionals, and students eager to explore the latest advancements in technology.

Inauguration:

The event kicked off at 10:30 AM with a warm welcome from the organizers, followed by an inspiring speech from **Abhishek Sonawane**, the lead at MOI Technology. He emphasized the importance of innovation and continuous learning in the rapidly evolving tech landscape. The inauguration was also marked by the presence of key faculty members from AIT, who expressed their excitement about the collaboration with MOI Technology.

Event Highlights:

- **Hands-On Sessions:** Participants had the opportunity to engage in hands-on sessions with MOI's cutting-edge technology. These sessions were highly interactive, allowing attendees to apply what they learned in real-time, guided by experts from MOI Technology.
- **Expert Insights:** Throughout the day, industry leaders shared their insights on the future of technology, discussing trends, challenges, and opportunities in the digital world. The speakers included senior engineers and developers from MOI, who provided valuable knowledge and tips to the participants.
- **Networking Opportunities:** The workshop provided a platform for like-minded individuals to connect, share ideas, and collaborate on future projects. This networking aspect was a highlight for many, as it facilitated the exchange of ideas and potential partnerships.
- **Giveaways and Surprises:** As promised, the event featured exciting giveaways, including tech gadgets and exclusive MOI merchandise, adding an element of fun and excitement to the day.

Closing Ceremony:

The closing ceremony was a moment of reflection and gratitude. Abhishek Sonawane and his team thanked all participants for their enthusiastic involvement and encouraged them to continue exploring the possibilities that MOI Technology offers. The ceremony concluded with the announcement of upcoming events and opportunities for further learning and collaboration.

Conclusion

The MOI Technology Workshop was a resounding success, offering a rich blend of practical learning, expert insights, and networking. It empowered participants to think creatively and explore new frontiers in technology. The event not only showcased the potential of MOI Technology but also set the stage for future innovations and collaborations.

Participants left the workshop inspired and equipped with new skills and connections, ready to contribute to the tech revolution.



EVENT – India Science Festival at IISER Pune

Event **Date:** January 20, 2024
Venue: Indian Institute of Science Education and Research (IISER), Pune

Overview: The Army Institute of Technology (AIT), Pune participated as an outreach partner in the India Science Festival organized by IISER, Pune. This event provided a remarkable platform for students to exhibit their technical skills and enthusiasm for science and innovation. The festival offered a unique opportunity for knowledge exchange and networking, significantly benefiting our student community.

Key Highlights:

1. AIT's Pride and Achievement:

- AIT showcased its commitment to academic excellence and innovation, positioning itself as a leading institution in nurturing inquisitive minds.

2. Student Participation:

- A total of 100 students from AIT, representing the Technical Board, actively participated in the event, gaining valuable knowledge and experience.

3. Notable Events and Sessions:

- **Space Odyssey:** Explored the importance of space exploration, sparking curiosity and wonder among the participants.
- **Visions Unveiled:** Focused on "Computer Vision and Graphics," demonstrating the potential and applications of these technologies.
- **AI Perspectives:** Hosted a debate on the impact of AI on India's social and economic growth, offering diverse viewpoints on this crucial topic.
- **Bio-Wonders:** Included a talk on "Stem Cells and Gene Editing," shedding light on recent advancements in bioengineering.
- **Aquatic Artistry:** Featured a captivating water show performance by David Price, blending science with artistic expression.
- **Navigating Educational Horizons:** Provided guidance on higher education and career choices, assisting students in understanding the pathways available to them.

Conclusion: The India Science Festival at IISER Pune was a resounding success, providing AIT students with a platform to expand their horizons and engage with

cutting-edge scientific topics. The event reinforced AIT's commitment to fostering a culture of exploration and innovation among its students.



EVENT – TECHNICAL AAKRITI

Date: 23rd – 25th February 2024

Venue: AIT Campus

Event Overview: The long-awaited Technical Aakriti, hosted by the Army Institute of Technology (AIT), took place from February 23rd to February 25th, 2024, at the AIT campus. This annual event is renowned for its vibrant atmosphere and diverse range of technical and non-technical competitions.

Inauguration: The event commenced with an inspiring inauguration ceremony, which set a positive tone for the proceedings. Brig. Abhay Bhatt, the Director of AIT, delivered a motivating speech, highlighting the significance of technical excellence and collaboration.

Event Highlights:

1. **Placement Apti:** The first major event, Placement Apti, was held at the Raman Theatre. This event attracted a large number of participants eager to showcase their skills and elevate their branch's standing on the leaderboard.
2. **Diverse Range of Events:** Over the course of the three days, a variety of events were organized to cater to different interests, including gaming, core technical challenges, coding contests, and open events. The competitive spirit was palpable, with branches sending their best representatives to excel in each category.
3. **Competitive Atmosphere:** The campus was abuzz with activity as participants hustled between event venues, and the organizing team worked diligently to manage the events and crowd. The enthusiasm and engagement of the participants were evident throughout the event.

Closing Ceremony:

The grand finale was held in the Raman Theatre, where the results of each event were announced. The atmosphere was charged with excitement as the winning branch was revealed. The ceremony concluded with a jubilant JAM session, where the victorious branch was celebrated on stage and awarded the trophy. The prize pool for the event exceeded 3 lakhs, adding to the grandeur of the occasion.

Conclusion:

Technical Aakriti 2024 was a resounding success, marked by high participation, a wide array of events, and a spirited competitive environment. The event not only showcased the technical prowess of the participants but also fostered a sense of camaraderie and enthusiasm among the branches. The final celebration and prize distribution added a fitting end to a memorable event.



AIT TECHNICAL BOARD

Presents

TECHNICAL AAKRITI

23 FEB
TO
25 FEB

CORE

NAND IT
IMPEDANCE
SOLIDWORKS
AutoCAD

OPEN

TECH MATRIX
PLACEMENT APTI
MOVIE MAKING
CONTRAPTION
RUBIX CHALLENGE
SCI-FI WRITING
MACHLEARN

CODING

CODE RED
BUG OFF
SHORTCUT

GAMING

BGMI
VALORANT

Prize Pool 3lac+



EVENT – SOLUTIONS

Date: 4th–8th April

Event: Technical Fest organized by Army Institute of Technology

Organizer: Technical Board of AIT

Venue: AIT Campus

Objective: To introduce first-year students to the activities and events organized by the Technical Board.

Session Overview:

The Technical Board of AIT organized an informative session on the eve of 30th July to familiarize first-year students with the board's activities and events. The session aimed to provide insights into various technical events and encourage participation among new students.

Objective:

SOLUTIONS 2023, the premier annual technical fest organized by the Army Institute of Technology, Pune, aimed to provide a platform for students to showcase their technical prowess across various domains. The event sought to foster innovation, creativity, and practical problem-solving skills among students through a diverse range of competitions and sessions. By bringing together students from premier institutions across India, SOLUTIONS aimed to cultivate a spirit of healthy competition and collaborative learning, with a strong emphasis on emerging technologies such as machine learning and robotics.

Overview of the Fest:

The fest was inaugurated on 4th April 2023 by Brig Abhay A Bhat, Director of AIT. Over the span of four days, from 4th to 8th April, the fest featured more than 25 events, including coding challenges, gaming tournaments, and robotics competitions. The fest also introduced events like PROJECT JUPYTER and FLASH 500, which focused on machine learning applications. To accommodate a broader audience, the events were conducted in both online and offline modes, allowing participants to engage from different locations.

Agenda and Key Highlights:

Technical Competitions:

The fest featured a wide array of technical events catering to different skill sets and interests. Competitions in coding, robotics, and gaming saw intense participation from students, pushing the boundaries of their knowledge and skills. The newly introduced events, PROJECT JUPYTER and FLASH 500, required participants to leverage their understanding of machine learning to solve complex problems, adding a contemporary touch to the fest.

Creative and Fun Events:

To balance the technical rigor, SOLUTIONS 2023 also included several creative and fun events. Photography and movie-making competitions provided a platform for students to express their artistic talents, capturing moments and telling stories through their lenses. Additionally, the Placement Aptitude Test was designed as a fun yet challenging event, allowing participants to test their aptitude and problem-solving skills in a light-hearted environment.

Conclusion:

SOLUTIONS 2023 was a resounding success, bringing together over 5000 students from top institutions across India. The event not only provided a platform for showcasing technical skills but also offered a blend of creative, fun, and insightful activities. From coding challenges to photography competitions, career guidance sessions to adrenaline-pumping bike shows, SOLUTIONS 2023 delivered a comprehensive and memorable experience for all participants, reinforcing its reputation as a premier technical fest.

AIT TECHNICAL BOARD
PRESENTS

SOLUTIONS

2K24

CODING EVENTS

SHORTCUT
SHECODE

OPEN EVENTS

PHOTOGRAPHY
MOVIE MAKING
PLACEMENT APTI

ROBOTICS

DRONE DRAG
ROBO SOCCER
ROBO WAR
ROBO CLENCH
MAZE RUNNER
RUSTY WHEEL
SCHOOL EVENTS

OPEN EVENTS

MODEL MAKING
SOLIDWORKS
HOW UNICORN
CSS BATTLE

GAMING

VALDARANT
BGMI

EV

ETHON
DRIVE LINK
CURRENT CLASH
CIRCUIT CRAFT

ML

FLASH 500
PROJECT JUPYTER

CYBER SEC

BYPASS CTF
CRACKHUNT
CYBER SEC QUIZ

GDXR

AR-CADE
IMAGINATE

4TH - 8TH APRIL '24

FREE REGISTRATIONS **WWW.SOLUTIONS-24.TECH**

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