SPHINX 2024

SPHINX, the annual techno-management fest of MNIT Jaipur was conducted from 8th November to 10th November 2024. During the fest, 60+ events were conducted ranging from flagship events to events conducted by various clubs and departments of the institute. SPHINX'24 experienced a footfall of over 50,000 within 3 days. The Tech-Talks during the fest hosted guests like Mr. Ashish Arora (Founder, Physics Galaxy and a proud alumnus of MNIT Jaipur), Ms. Ahsaas Channa, Mr. Pratish Mehta and Mr. Anmol Kajani (Actors and Public Influencers) and Mr. Pranav Sharma (Influencer). The Pronites of the fest featured artists like Swattrex, the Notebook band and Jubin Nautiyal. The fest became one of the largest college events ever organized in the state of Rajasthan.

INAUGURATION CEREMONY

The fest kicked off with an inaugural ceremony held on 8th November in Neeti Sabhagar. The chief guest of the ceremony was Honourable Lt. General Anil Kumar Bhatt (DG, ISpA). Prof. Narayana Prasad Padhy, Honorable Director and Chairman I/C of MNIT Jaipur, Prof. Kanupriya Sachdev, Dean of Student Welfare and Dr. P.V. Ramana, Coordinator of Technical Societies graced the event with their presence. The ceremony concluded with a vote of thanks by the Advisor to the President of SPHINX'24, Ms. Swetha Kozhipurath.

FLAGSHIP EVENTS

1. **Aeroquest:** Aeroquest is an aviation competition where participants were supposed to design and build remote-controlled planes to perform tasks, highlighting skills in design, maneuverability, and precision. A total of 11 teams participated in this event, which was conducted on Day 1 of the fest.
2. **Robowars:** Participants were to create remote-controlled robots to compete in an arena, aiming to disable or destroy their opponent's robot. The event was organized for two categories of robots, i.e., 15 kgs and 8 kgs. Nine bots participated in the 15 kg category, while 4 bots participated in the 8 kg category. Robowars became the first ever event in MNIT that was conducted post-pronite.
3. **Minute to Pitch It:** Participants were supposed to develop an innovative startup idea and present it in a one-minute pitch to an investor. Each team's representative delivered their pitch during a one-minute campus tour in a vehicle with the investor. A total of 28 teams with each team having 3 members participated in the event.
4. **e-Sports :** An eSports tournament is a competitive gaming event where teams compete in popular video games for prizes and prestige. eSports tournaments for three games - Valorant, CS2 & BGMI - were organized. eSports had the highest number of participants of all flagship events with over 255 people in various teams

of differing sizes. Various online rounds were conducted before the finals at the MNIT campus during the fest. These tournaments highlight advanced skills, strategy, and teamwork, creating an exciting atmosphere for participants.

5. **DesignX :** DesignX was a digital art competition that challenged participants to create unique artwork inspired by specific mood boards provided during the event. The contest emphasizes not only artistic creativity but also the ability to think quickly and innovate under time constraints. This event was conducted in three rounds. Over 40 students participated in the event, showing off their artistic talents.

6. **24 Hour Hackathon :** The 24-Hour Hackathon challenged participants to solve a given problem within 24 hours. Teams had to collaborate to brainstorm, design, and create innovative solutions, testing their creativity and technical skills under tight time constraints. We received submissions from around 160 teams out of which 40 were selected to come to campus.

FUN EVENTS

1. **Silent Disco :** The Silent Disco emerged as the star attraction in the fun events lineup, drawing a massive crowd with its novel charm. Held for the very first time in Jaipur, the event's unique concept of dancing to music via wireless headphones left attendees thrilled and talking about it long after.

2. **Room of Nostalgia :** The Room of Nostalgia, a highly anticipated fun event, drew out a large and enthusiastic audience. Its unique concept of revisiting cherished memories created a captivating experience, leaving participants delighted and deeply engaged.

3. **Full Throttle :** Full Throttle, the RC car racing event, sped ahead as a thrilling highlight, drawing adrenaline-fueled participants and excited spectators. Its competitive spirit and high-energy vibe made it a resounding success, leaving everyone cheering for more.

4. **Rodeo Bull :** Rodeo Bull proved to be a crowd-pulling sensation, combining fun and challenge as participants tested their skills on the mechanical bull. The excitement and laughter it sparked made it a standout success, leaving the audience thoroughly entertained.

5. **Karaoke :** Karaoke struck the right chord, drawing music enthusiasts and lively crowds eager to showcase their singing talents. The vibrant atmosphere and enthusiastic participation made it a standout success, filling the event with energy and unforgettable performances.

Various Departments and Technical clubs of MNIT organised more than 54 events in the Open Air Theatre (OAT), Vivekanand Lecture Theatre Complex (VLTC), and the Student

Activity Centre (SAC) based on their respective domains which were attended by the students and faculty of the institute as well as students from other colleges. Some of the most notable events were:

DEPARTMENT EVENTS

1. **AI Xperience: Gesture,Faces and Fun :** The AI Exhibition, held under the AIDE department was a highly engaging and interactive event that showcased the innovative potential of artificial intelligence and its diverse applications. The event attracted over 35 participants from students and faculty.
2. **Quiz – Fuel the future:** The event was conducted by Center for Energy and Environment.Organized event involved quiz competition among participant teams through 3 rounds. Total 9 teams participated with each team containing 2-4 members.
3. **Towering Triumphs:** The event was conducted by the Civil Department. The event aims to encourage participants to apply engineering concepts in a fun and competitive setting, emphasizing structural stability, material strength, and innovative design techniques. Total 20 teams participated with each team containing 1-3 members.
4. **Code Golf:** The event was conducted by the Computer Science Department. The Code Golf competition was a one-hour coding challenge where participants aimed to solve programming problems with the shortest possible code. Hosted on **HackerRank**, the event provided a platform for participants to showcase their problem-solving skills and coding efficiency in a fun, competitive environment. 23 participants registered for this event.
5. **Type Racer:** The event was conducted by the Computer Science Department. The Type Racer competition was a high-speed typing challenge where participants showcased their typing skills to achieve the highest **Words Per Minute (WPM)** while maintaining accuracy. Hosted on **MonkeyType**, the event provided an engaging platform for participants to test their speed and precision in a competitive environment. 140 participants registered for the event.
6. **Aditya-L1 Workshop:** The event was conducted by the Physics Department. The Aditya-L1 Workshop was conducted on 9th November at MNIT Jaipur. The workshop aimed to disseminate knowledge about the Aditya-L1 mission, India's first dedicated solar observation mission launched by ISRO. The event attracted over 20 participants from students and faculty.
7. **Ad-Mania:** The event was conducted by the MBA Department. The Advertising Challenge aimed to encourage participants to recreate a complete advertisement for a chosen product. Participants were tasked with reshooting the advertisement, incorporating a new tagline, brand mantra, and a different value proposition than

the original.The event was posted on Unstop for registration. 115 teams registered, 17 teams participated on the day of the event.

8. **Corporate Catalyst:** The event was conducted by the MBA Department. In Human Resources, solving real-time problems efficiently is key to an organization's success. Corporate Catalyst presents participants with live industry challenges, demanding quick thinking, strategic planning, and innovative solutions. Number of Unstop Registrations was 115 for the event, of which 50 were the participants.

9. **Panel Discussion:** The event was conducted by the MBA Department.The discussion aimed to identify gaps between college education and job requirements, gain practical insights from industry experiences, and explore career-building strategies like mentorship and networking. Total 74 participants attended the discussion.

10. **Trading Troopers:** The event was conducted by the MBA Department.The aim of the trading troopers is to develop participant's financial acumen, strategic thinking ,and risk management skills by simulating real-time market conditions. Total 240 people registered for the event, while 70 were the participants.

11. **Tremor Tech Event:** The event was conducted by NCDMM.To build a Resilient Wooden Stick Structure, which will be tested on a shake table (unidirectional load). The structures to be built will not be as complicated and tall as shown in this video. This video just explains how the event will proceed.Total 14 Teams participated with each team consisting of 2-5 members.

12. **Solar Synergy:** The workshop was conducted by the Electrical department. Synergy'. It was attended by about 45 participants out of a total of 76 registrations.

13. **IllumiCraft:** The event was conducted by the Architecture Department. The event aimed to encourage creativity and innovation in lamp designing. Provide participants with hands-on experience in creating functional yet artistic products. A total of 43 participants, working in teams or individually, demonstrated their skills in crafting innovative lamp designs.

14. **Launch-a-thon:** The Mechanical Engineering Department successfully organised *Launch-a-Thon*, an engaging and hands-on technical event. Participants were tasked with designing and constructing a functional catapult using the materials provided during the event. A total of 185 students registered for the event.

CLUB EVENTS

1. **NanoFlight Workshop:** The event was conducted by the Aeromodelling Club. The NanoFlight Workshop provided participants with hands-on training in building anRC transmitter using the nRF24L01 module and Arduino Nano. The workshop emphasized practical knowledge of electronics, programming, and remote control

systems. Over 40 participants joined the workshop, showcasing a diverse and enthusiastic crowd interested in RC systems and electronics.

2. **Starry Eve :** The event was conducted by the Astronomy Club .Starry Eve was an enchanting event organised to provide participants with a hands-on experience of exploring the night sky. The event was designed to inspire awe and curiosity about the cosmos, blending scientific knowledge with a relaxing outdoor experience.The event attracted over 40 participants.

3. **24-Hour Web-A-Thon:** The event was conducted by the Computer Science Club The 24-Hour Web-a-Thon, a unique hackathon with a startup theme, was a club flagship event organized collaboratively by CS Club with ED Cell, MIIC. This event aimed to bridge technology and entrepreneurship by challenging participants to transform their innovative ideas into functional prototypes and pitch them as business solutions. Over 38 teams registered. A pre-elimination round was conducted where only 11 teams proceeded further to present their MVPs and business pitches to an expert panel.

4. **CodeMane :** The event was conducted by the Computer Science Club **.** CodeMane was a coding contest organized by the CS Club as part of the Sphinx 24 event. The contest aimed to challenge participants' coding skills through a series of problems, fostering a competitive yet engaging environment. The event attracted over 38 participants from various branches, highlighting their technical prowess and problem-solving abilities.

5. **Case Clash - The Business Strategy Challenge:** The event was conducted by the Consultancy Club **.** The competition aimed to provide a plaŋorm for students to showcase their analytical and problem-solving skills by tackling real-world business challenges. Participants worked in teams to develop innovative strategies for complex business scenarios. The event encouraged critical thinking, creativity, and collaboration, helping participants gain insights into business management, marketing, finance, and operations. Total 14 participants were present.

6. **CodeCrunch – Model Maker Edition:** Edition was a machine learning hackathon organized by the Data Science Club. This unique event challenged participants to create machine learning models based on a given problem statement and dataset sent through mail. The competition aimed to foster innovation, analytical thinking, and teamwork among participants.Total 22 participants were present.

7. **The Hacker's Map :** Infosec Club organized the workshop, 'The Hacker's Map'.It was attended by about 30 participants out of a total of 76 registrations.

8. **The Maze Mech Master:** Robotics Club organized the event, 'The Maze Mech Master' on November 9 under Sphinx 2024.It was attended by about 2 teams having around 10 participants out of a total of 9 team registrations.

9. **Career Compass: Guiding Your Future Beyond College:** The "Career Compass" workshop was successfully conducted by Technical Communication House with the goal of empowering students to make informed career decisions. This event provided participants with exposure to various fields, essential skill-building sessions, and opportunities to network with industry experts. The event attracted over 26 participants.
10. **RUBE-A-THON :** This event is all about making complex, chain-reaction machines and to test your engineering and creativity skills where participants will design and build their own Rube Goldberg- inspired machines to complete simple tasks in the most inventive and intricate ways possible! Total 11 teams participated with each team having 4-5 members.

AUTO-EXPO

A spectacular Auto-Expo was organized on the Day-2 of the fest. It was one of the most exciting and crowd pulling events of the fest. The event showcased a fabulous array of more than 10 superbikes and 6 ultra-luxury cars. The highlight of the event was the thrilling display of stunts and burnouts performed by the vehicles. These stunts and burnouts left the audience spellbound.

TALKS & SESSIONS

During the fest, a variety of talks and sessions were held. These were among the fest's most captivating elements. During the Tech-Talk on Day 1 of the fest, the audience engaged with Mr. Ashish Arora, the founder of Physics Galaxy and a graduate of MNIT. He shared several experiences from his undergraduate days and offered advice that would be extremely helpful for the students' futures.

Ms. Ahsaas Channa, Mr. Pratish Mehta, and Mr. Anmol Kajani (Public Influencers and The Viral Fever's Cast) were invited to an interactive session on the second day. During this session, a sizable audience came to engage with their favourite influencers.

An influencer talk with public influencer Mr. Pranav Sharma took place on the third day of the fest. It was one of the most entertaining and thrilling sessions of the fest, and the audience thoroughly liked his presentation as an influencer with a comedy background.

FUN NIGHTS

The fest's fun nights were its most anticipated and thrilling feature. These enjoyable evenings were packed with a lot of excitement, thrill, dance, melodious music and

energetic performances. The cultural essence, in the form of fun nights, served as the cherry on top of the technical fest.

On the Day 0 of the fest, a Neon DJ Party was organized at the SAC Lawn inside the VLTC. All the attendees were provided with colorful neon glow bands. The combination of the pulsating beats of the DJ, and colorful glowing bands created an amazing atmosphere of excitement and mesmerised everybody.

The fun night of Day 1 started with the electrifying performances of the two dance groups of MNIT, Level-X and Mc2. "DJ SwatterX" took the stage on the Day 1 of the fest, creating an unforgettable experience for everybody. The DJ Night had an exhilarating set of seamlessly blending genres that kept the crowd dancing the whole evening. The energy of the crowd was further amplified by the laser show, which was very expertly synchronized with the beats and the music of the DJ. The fabulous combination of the DJ's dynamic performance and dazzling laser show created an unforgettable experience for everybody.

A Band Night was organized on the Day 2 of the fest. The night exploded with the energy of the "Notebook Band". The band presented a combination of energetic songs and melodious, ear-pleasing covers. The band created a vibrant atmosphere of pure musical joy. The band's performance left a lasting impression on everybody.

The SPHINX'24 concluded with a mesmerising concert night on Day 3 of the fest. This was the most awaited evening of the fest. "Jubin Nautiyal" set the stage on fire with his wonderful performance. More than 13000 people were the observers of the melodious, vibrant and fantastic atmosphere created by him during his performance. This evening was a once in a lifetime experience for the attendees. Jubin performed best of his creations, including "Humnava" & "Zindagi Kuch Toh Bata" and his shayris in between the songs had created a wonderful and melodious atmosphere for the audience. Jubin concluded his concert with one of his most fabulous creations, "Mere Ghar Ram Aaye Hai", which was the most awaited song by the crowd. At the end of the concert, Honourable Director of MNIT, Prof. N.P. Padhy, the chief guest of the event, Jaipur's Police Commissioner, Mr. Biju George Joseph, Dean of Student Welfare, Prof. Kanupriya Sachdev, and Coordinator of Technical Societies, Dr. P.V. Ramana presented Jubin a memento on behalf of the institute and all the students.

SOME GLIMPSES OF THE FEST