



**NIT SRINAGAR**  
Hazratbal, Srinagar 190006

**STUDENTS GYMKHANA**

THE ANNUAL TECHNICAL FESTIVAL



# **TECHVAGANZA**

TECHNICAL FEST 2024

**10<sup>th</sup>  
11<sup>th</sup> OCTOBER 2024**



**GENERAL BROCHURE**





## ABOUT NIT SRINAGAR

NIT Srinagar, an Institute of National Importance overseen by the Ministry of Education, is a beacon of excellence in higher education and research, fostering a dynamic environment for the cultivation of skilled technical professionals.

The institute boasts a comprehensive spectrum of academic programs, encompassing B.Tech, M.Tech, MBA, Ph.D., and MSc, across various engineering and science disciplines.

Acknowledged for its exceptional performance, NIT Srinagar secured the 82nd position in the prestigious NIRF rankings and clinched the 25th spot in the esteemed India Today ranking for the 2023 academic year. Beyond academics, the institution nurtures students' holistic development, providing avenues for participation in vibrant annual fests, student chapters, social clubs, and sports activities.

Notably, the institute takes pride in its influential alumni network, which actively contributes to the country's economic and social advancement.

# ABOUT TECHVAGANZA

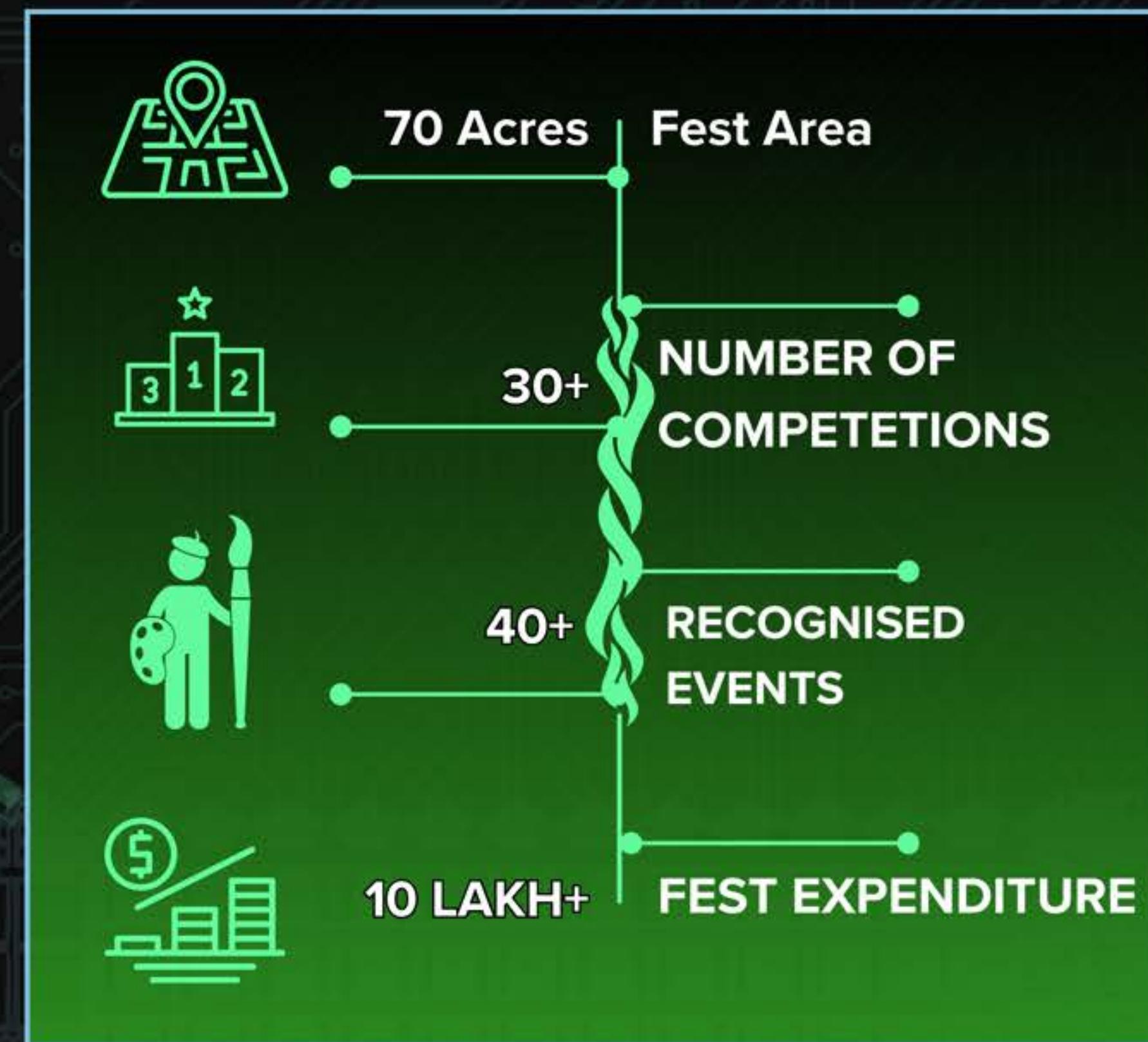
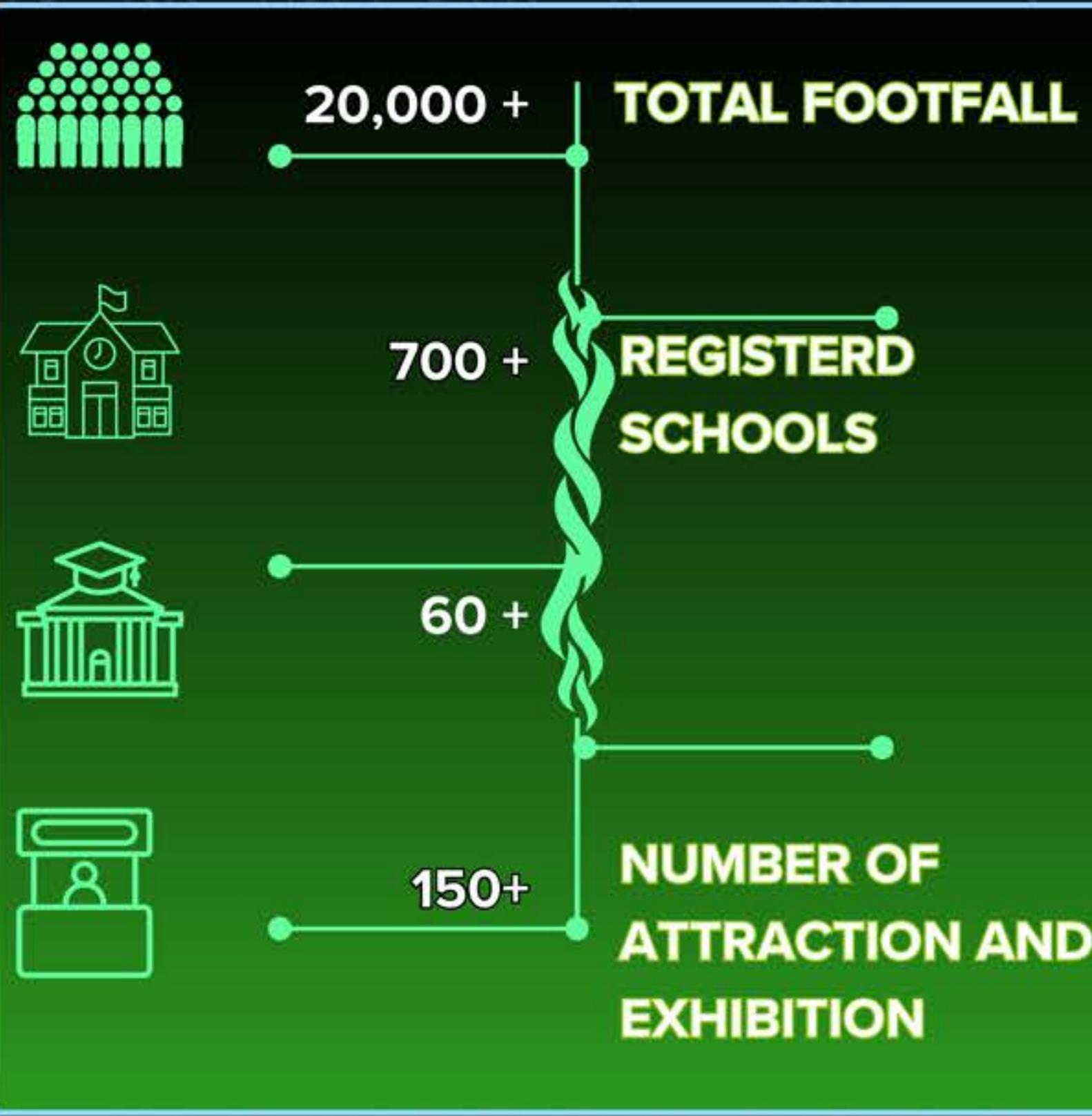
Techvaganza is the annual techno-cultural extravaganza of the National Institute of Technology (NIT) Srinagar, located in the beautiful Kashmir valley. This two-day mega event brings together students, tech enthusiasts, industry experts, and academia from all over the country to celebrate technology and innovation in a vibrant and dynamic atmosphere. With over 150+ activities, workshops, expert talks, and competitions, Techvaganza promises an electrifying experience for all the attendees. Techvaganza has earned a reputation as a premier tech fest in the region. It serves as a platform for students to showcase their talents, learn from experts, and connect with like-minded individuals, making it an enriching and memorable event.

The spirit of Techvaganza is best summarized in its tagline,

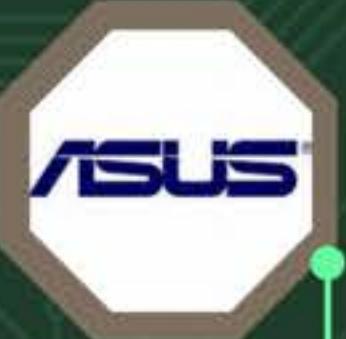
**" UNLEASH THE TECHNOCRAT IN YOU "**, INSPIRING STUDENTS TO EXPLORE, LEARN, AND PUSH THE BOUNDARIES OF TECHNOLOGY.



# STATISTICS



# PAST SPONSORS



# SRINAGAR SMART CITY



## HACKATHON

The Srinagar Smart City Hackathon will bring together participants from different fields to develop innovative solutions to the challenges facing the Smart City project. The Hackathon will provide an opportunity for participants to showcase their creativity and problem-solving skills by developing technological solutions to address specific challenges related to smart mobility, waste management, energy efficiency, and other aspects of the Smart City project.



## EXHIBITION

These exhibitions aim to showcase the innovative solutions and technologies that are being implemented as part of the Smart City project. Visitors to the exhibitions can learn about the various components of the project, such as smart mobility, smart waste management, and smart governance. The exhibitions also provide an opportunity for stakeholders to engage with the public and gather feedback on the project.



## TECH TALKS

A platform for experts and stakeholders to share their insights and experiences on the challenges and opportunities of implementing the Smart City project in Srinagar. The talks cover a range of topics, such as smart mobility, smart waste management, and smart governance, among others. Through these tech talks, the audience can gain a better understanding of the Smart City project and its potential impact on the city's development.

# CAMPUS AMBASSADOR PROGRAM



The **Campus Ambassador Program** by **Techvaganza NIT Srinagar** is a unique opportunity for students from various schools and colleges to become ambassadors of the biggest technical and cultural festival in J&K. The program aims to spread awareness about Techvaganza and its various events, while also providing students with a chance to develop their **leadership, communication and networking skills**. As part of the program, selected students will be trained and provided with marketing material to promote Techvaganza in their institutes. They will also be given access to **exclusive content and information** about the festival, enabling them to engage with their peers in a more effective manner. In addition to this, Campus Ambassadors will receive a certificate of participation and recognition for their efforts in promoting Techvaganza. The **Campus Ambassador Program** not only benefits Techvaganza by increasing its reach and visibility but also benefits the participating students by providing them with a unique opportunity to develop their professional skills and gain practical experience in marketing and event management. It also serves as a platform for students to showcase their talents and interests, network with like-minded individuals, and explore potential career opportunities in the fields of technology, arts, and culture.

# TECHVAGANZA



As a part of the **Food Fest** during Techvaganza, NIT Srinagar will be inviting local food brands and restaurants to set up their stalls at the festival. This initiative will provide a platform for these local businesses to showcase their culinary skills and promote their brand to a wider audience. Local food brands and restaurants will have the opportunity to set up their stalls and showcase their signature dishes and specialties. Visitors to the **Food Fest** will be able to taste these dishes and learn about the local ingredients and cooking techniques used to prepare them. The initiative to invite local food brands and restaurants to the festival will also help to promote the local economy and support the growth of small and medium-sized businesses. Visitors to the festival will have the opportunity to explore the local food scene and discover new restaurants and food brands. **NIT Srinagar** is committed to supporting local businesses and promoting the cultural heritage of the region. The initiative to invite local food brands and restaurants to the festival is just one of many ways that **NIT Srinagar** is working to achieve this goal.



## CAREER ZONE

The **Career Zone** at Techvaganza NIT Srinagar is an excellent opportunity for students to explore various educational and career prospects. The zone will host several reputed educational institutes, career counselors, and coaching centers that will provide valuable insights into different fields and help students make informed career decisions. Participants can interact with the representatives, learn about courses, scholarships, and job opportunities, and even get guidance on resume building and interview skills. The Career Zone at Techvaganza NIT Srinagar is an essential platform for students to **kickstart their careers** and make a **bright future** for themselves.



# TECHVAGANZA

## PERFORMANCES



### VIHANG BAND

Musical Band of NIT Srinagar. Singing performance from NIT Srinagar Student band.



### REEL HEROINES: WOMEN WHO LEAD THE FUTURE

The Women in Tech Movie Screening is an empowering event designed to inspire and celebrate the contributions of women. Only female participants are allowed. Through a carefully selected film, the screening will highlight the challenges, achievements, and journeys of female pioneers. Film will be screened in collaboration with Movie Club NIT Srinagar. This event will provide a unique and engaging way for participants to learn about the incredible impact women are making in sparking motivation and building a supportive community for future women leaders.



### DRONE SOCCER

This groundbreaking performance uniquely blends the thrill of soccer with artistic expression, creating an engaging experience for participants and spectators alike. Teams will compete in an innovative format that challenges them to showcase their athletic skills on the field while also expressing their creativity through digital drawings. This is a fantastic opportunity to be part of an event that pushes the boundaries of traditional sports and art.

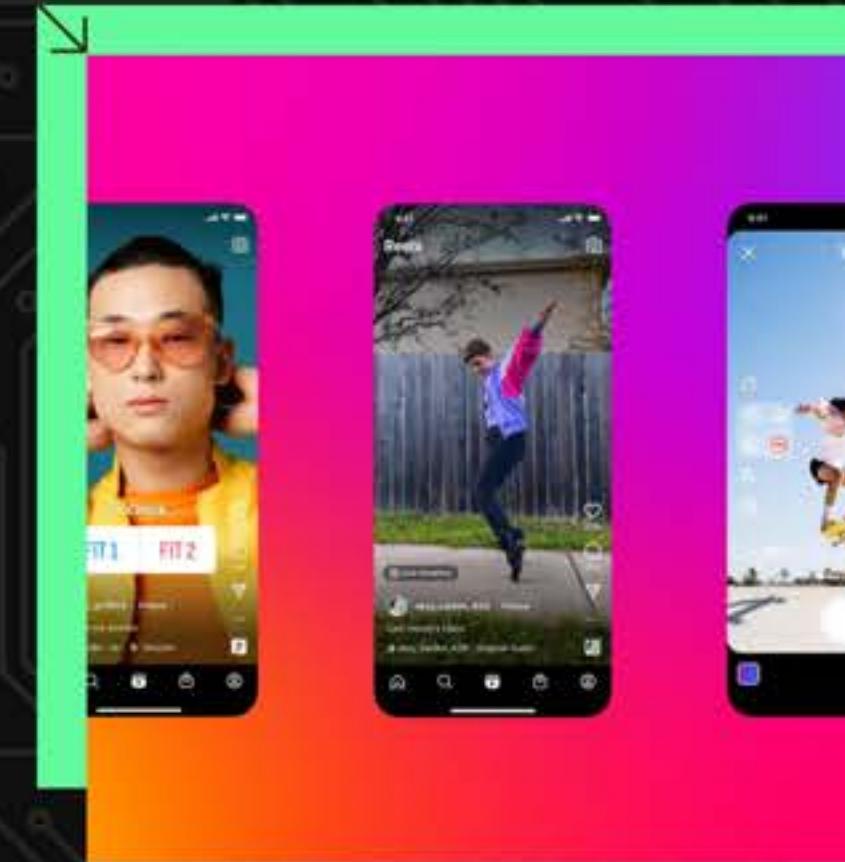
# TECHVAGANZA

## EVENTS



### LIVE PHOTOGRAPHY COMPETITION

The Photography Competition challenges participants to capture and present compelling images based on a given theme or concept. Competitors showcase their skills in composition, technique, and storytelling through photography. The event celebrates visual artistry and offers recognition for creativity and technical excellence.



### 30 SEC REEL MAKING COMPETITION

The Reels Making Competition challenges participants to create engaging short videos, or "reels," showcasing their creativity and storytelling skills. Competitors use editing techniques to produce dynamic, attention-grabbing content within a brief format. The event highlights innovation, video production abilities, and effective communication through short-form media.

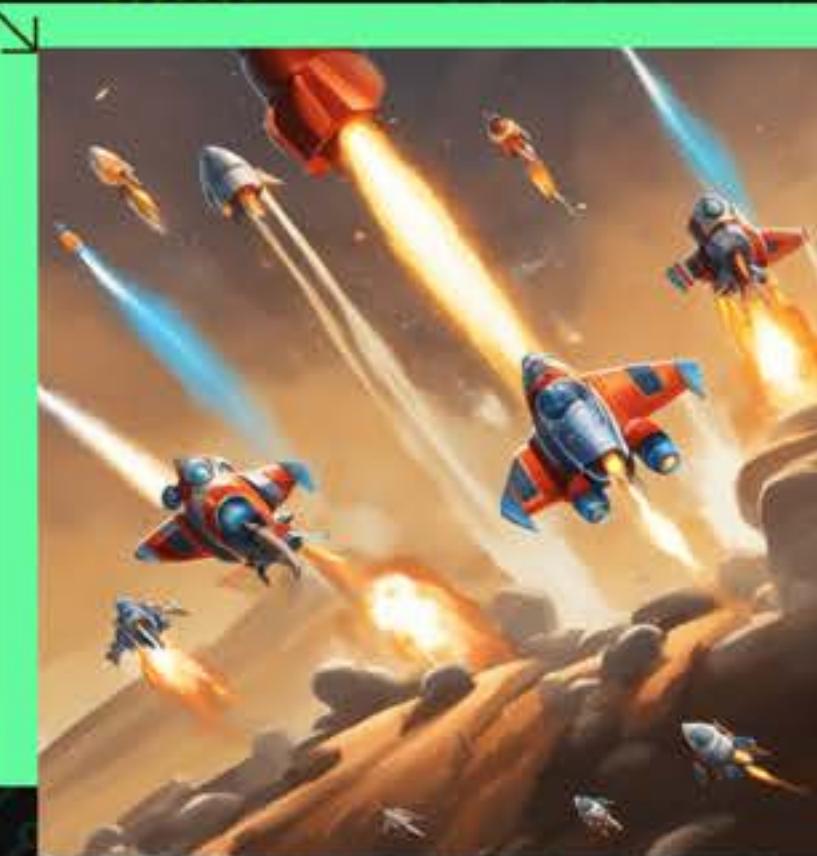


### VIDEO EDITING COMPETITION

The Video Editing Competition tasks participants with creating polished and engaging videos from raw footage, focusing on storytelling, creativity, and technical skills. Competitors showcase their ability to edit, enhance, and produce videos that meet specific themes or criteria. The event highlights expertise in video production and editing techniques.

# TECH VAGANZA

## EVENTS



### SUGAR ROCKET BATTLE

The Sugar Rocket Battle is a fun event where participants launch candy rockets, aiming for height or distance. Using sweets like gumdrops, competitors blend creativity with basic physics. It's a lively way to explore engineering concepts, often featured in science fairs and festivals.



### SOAPBOX CAR RACING

A car racing technical event highlights advancements in vehicle design and performance. Participants present innovations in area like aerodynamics and engine tuning. It's a deep dive into the tech that boosts racing efficiency and outcomes.



### CATAPULT COMPETITION

A catapult event involves designing and launching catapults to achieve accuracy, distance, or height. Participants test their engineering skills by building and these launching devices.

# TECHVAGANZA

## EVENTS



### SCIENCE EXPERIMENTS

A science experiments event showcases a range of experiments demonstrating scientific principles. Participants present their findings through hands-on demonstrations and projects. It's an engaging way to explore and communicate various scientific topics.

### REMOTE-CONTROL CAR RACE

A remote control car race event features participants competing with RC cars on a track. It emphasizes speed, maneuverability, and driving skills. The event highlights advancements in RC technology and offers a thrilling racing experience. Participants enjoy the excitement of fine-tuning their cars and competing in fast-paced, thrilling races.



### ROBO SOCCER COMPETITION

A Robo Soccer competition involves teams of robots playing soccer, showcasing advancements in robotics and artificial intelligence. Teams program their robots to navigate, pass, and score goals autonomously. The event combines tech skills with the excitement of sports.



# TECHVAGANZA

## EVENTS

### AERO MODELLING COMPETITION

11-10-2024



STAY TUNED  
**COMING SOON**

#### AERO- MODELLING COMPETITION

Think you can build the ultimate aircraft? Join the Aeromodelling Competition 2024 and prove it! Participants will craft aero models that not only look stunning but also perform in the air. The model with the best flight performance and design takes home the grand prize! Design. Fly. Win.

### Bug Bounty

#### BUG BOUNTY

Bug Bounty is a premier event powered by Code Assist, crafted to test and enhance your ability to identify and resolve bugs in code. Designed for participants at all levels—from beginners to experienced developers—this dynamic competition offers a compelling experience with challenges suited to every skill set.

### THE BRAIN BATTLES



#### BRAIN BATTLES

Team qualifying round qualifer round in which google form contain's basic level quiz will be circulate between participants. Level of quiz is normal based on tech.

# TECHVAGANZA

## EVENTS

**TECHVAGANZA-24**

**USE THE AI**  
SHOW YOU AI SKILLS

**WWW.NITSRI.AC.IN**



**NIT SRINAGAR**  
Students Gymkhana 2023-24

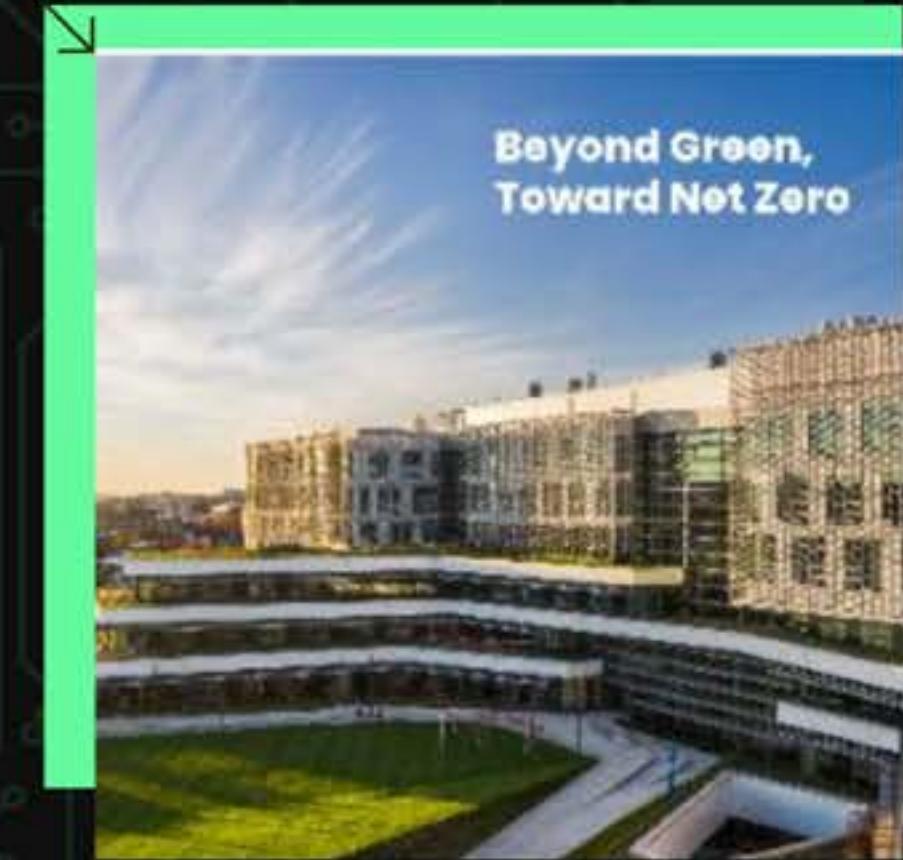
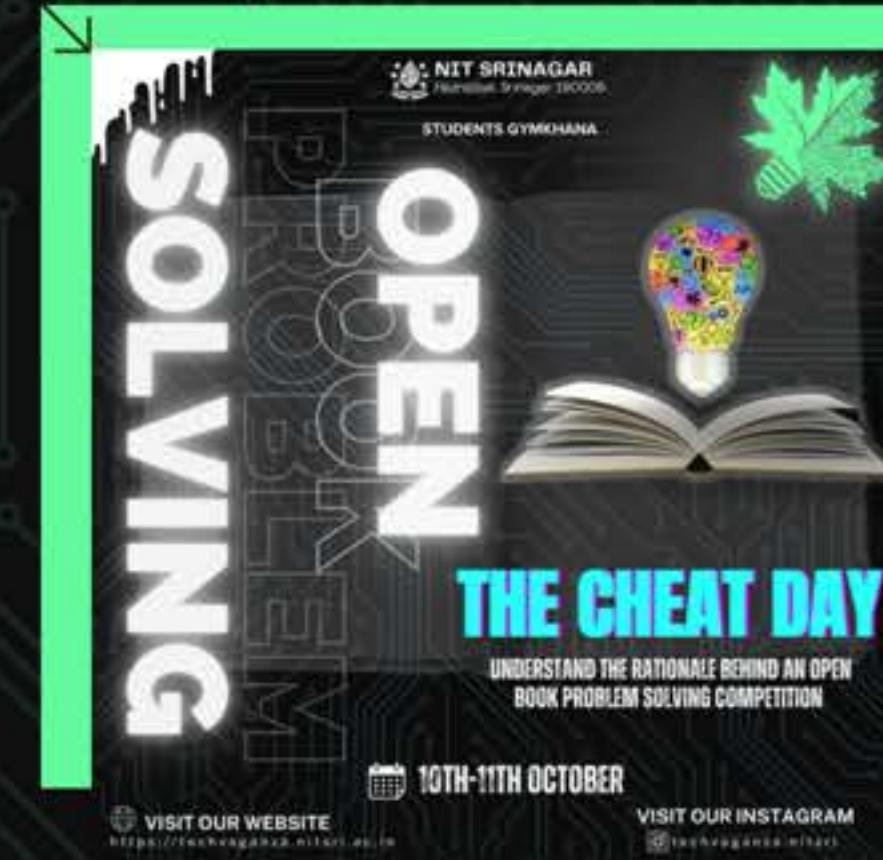
**OPEN**  
**SOLVING**

**THE CHEAT DAY**  
UNDERSTAND THE RATIONALE BEHIND AN OPEN BOOK PROBLEM SOLVING COMPETITION

**10TH-11TH OCTOBER**

VISIT OUR WEBSITE  
<https://techvaganza.nitsri.ac.in>

VISIT OUR INSTAGRAM  
[https://www.instagram.com/techvaganza\\_nits/](https://www.instagram.com/techvaganza_nits/)



### USE THE AI

In this event, participants will have the opportunity to showcase their skills in using AI tools by creating practical applications. Whether you are a beginner or an experienced developer, this competition challenges you to design and implement an application with the help of AI addresses real-world needs.

### THE CHEAT DAY (OPEN BOOK PROBLEM SOLVING COMPETITION)

Conceptual Understanding (Qualifying Round) Participants will be given a set of problems or questions that focus on core concepts. These problems should require clear and accurate understanding but not be overly complex. The questions can be a mix of multiple-choice, short answers, and straightforward problems.

### ECOBUILD CHALLENGE

The Ecobuild Challenge is a competition focused on designing and constructing sustainable, eco-friendly models. Participants are tasked with developing innovative solutions that minimize environmental impact, utilize renewable resources, and promote energy efficiency and built environment.

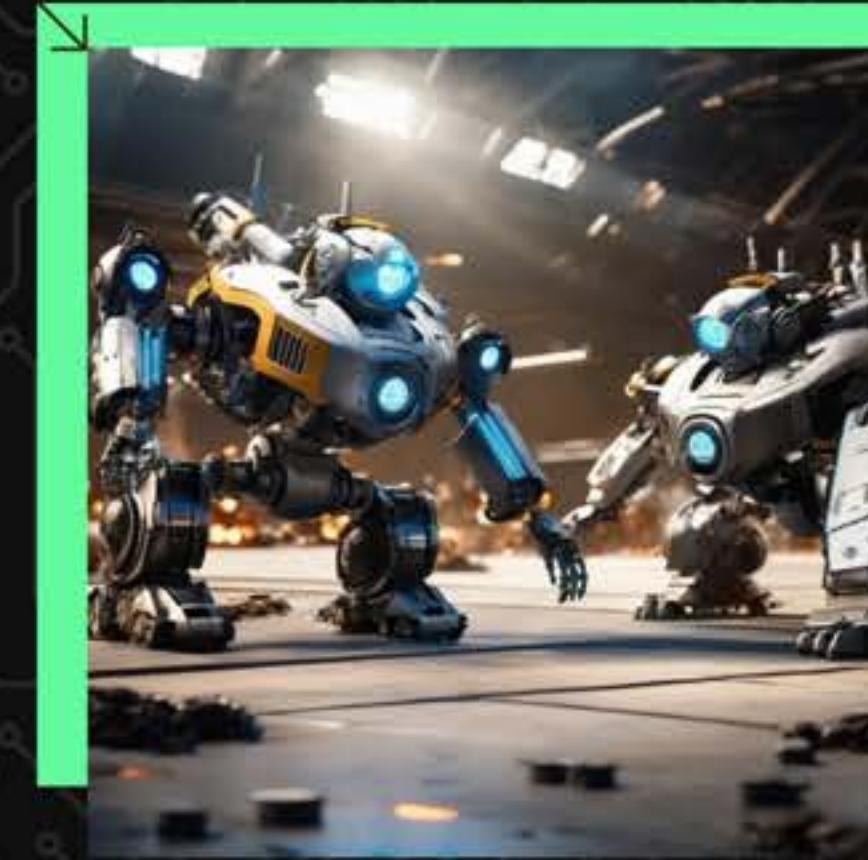
# TECHVAGANZA

## EVENTS



### LINE FOLLOWER COMPETITION

A Line Follower event features robots programmed to follow a path marked by a line on the ground. Participants design and fine-tune robots to navigate the track efficiently and accurately. The event highlights innovation in sensor technology and autonomous navigation.



### ROBO WAR COMPETITION

The Robo War Competition is an event where the teams design and build autonomous robots to compete in a series of combat challenges. The robots battle each other in a controlled arena showcasing their engineering, programming and strategic skills.



### DRONE SOCCER

Drone Soccer is a competitive event where teams control drones to score goals in a specially designed arena. Each team pilots drones equipped with protective cages, aiming to maneuver and shoot the ball into the opposing team's goal. The event combines aerial skill, strategy, and teamwork in an exciting, fast-paced format.

# TECHVAGANZA

## EVENTS



### HUES OF KASHMIR (PHOTOGRAPHY)

Participants will roam the campus and capture its various hues and moments, highlighting the unique aspects of the environment. Participants must upload their photos to their social media accounts, tagging the Techvaganza page. Additionally, photos must be uploaded to a provided Google link within the specified timeframe.



### RAW VIDEO EDITING

In a raw video editing event, a video editor begins working with unprocessed, unedited footage, known as raw footage. A video editing competition helps participants improve their skills, express their creativity, gain exposure, learn from peers and compete for prizes and recognition.

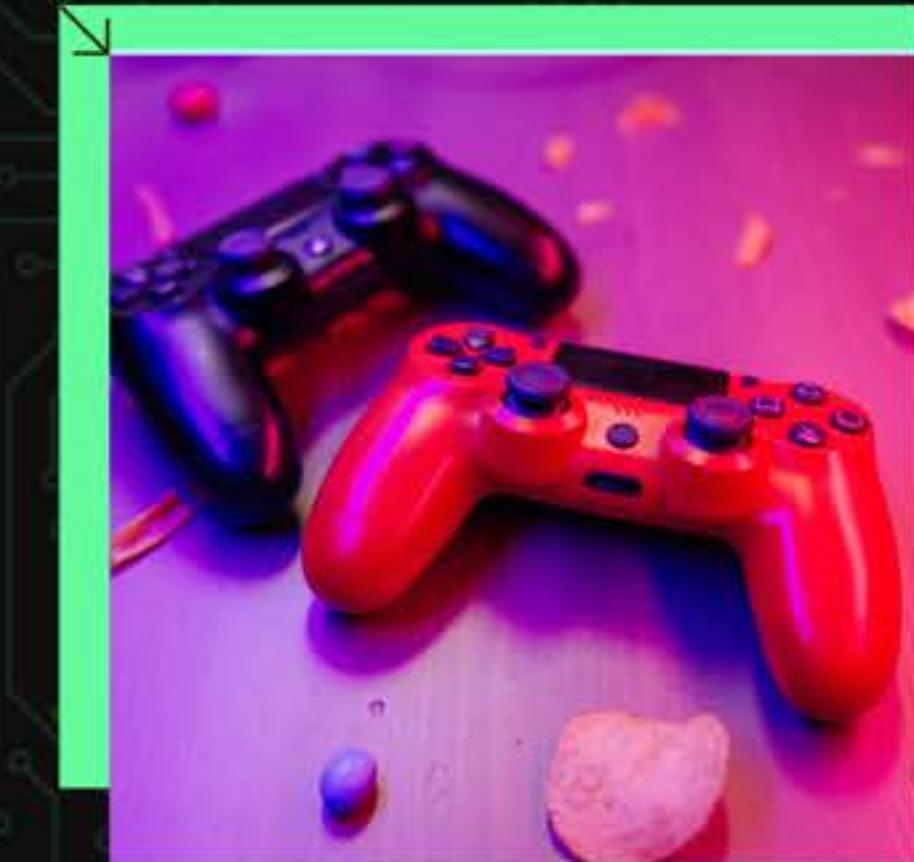


### REEL MAKING COMPETITION

The primary objective is to encourage widespread participation while simultaneously increasing the event's visibility across social media platforms. We outline the contest, appealing to creativity and excitement by inviting participants to showcase their skills through reels that capture the essence of both technology and culture.

# TECHVAGANZA

## EVENTS



### SHORT MOVIE MAKING COMPETITION

The Short Movie Making Competition invites participants to produce and present original short films, emphasizing creativity, storytelling and technical execution. Competitors handle all aspects of filmmaking from scripting and directing to editing and post production. The event celebrates film artistry and offers recognition for innovative short films.

### SQUID GAME

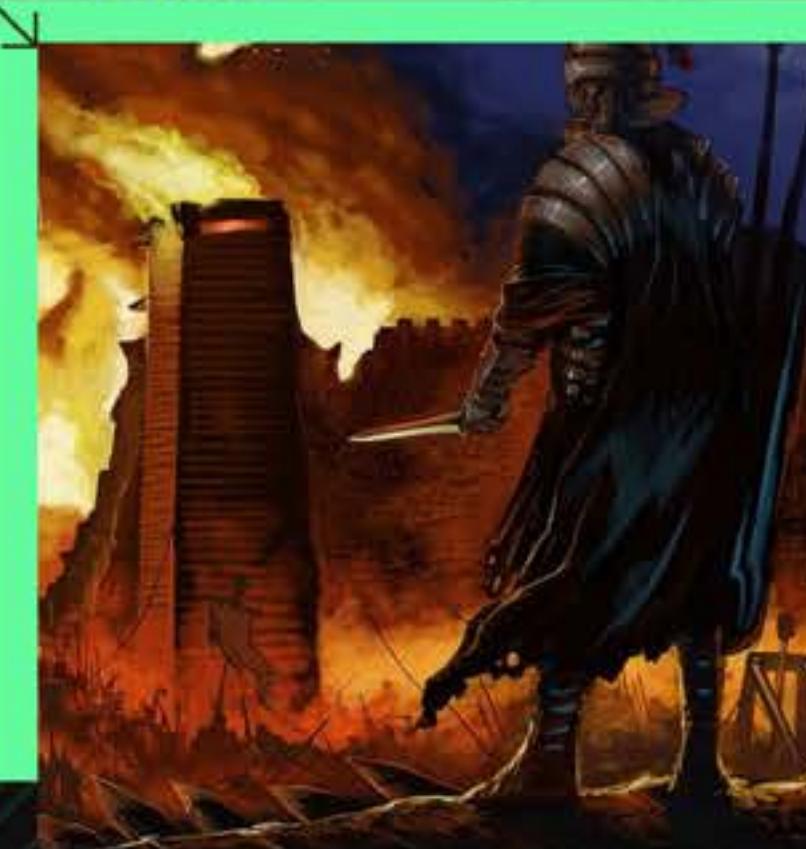
The Squid Game event is a competition inspired by the popular series, featuring a series of challenging and strategic games. Participants face off in various tasks that test their skills, teamwork, and problem-solving abilities. The event blends excitement with competition, offering a high-stakes, engaging experience.

### GAME ZONE

Welcome to our game zone, where time slows down, and fun speeds up. Dive into a world of thrilling challenges, camaraderie, and victory as you compete, strategize, and level up, all while making memories that score big. Game-Zone consists of a number of online and offline games for the students of various institutes of the country.

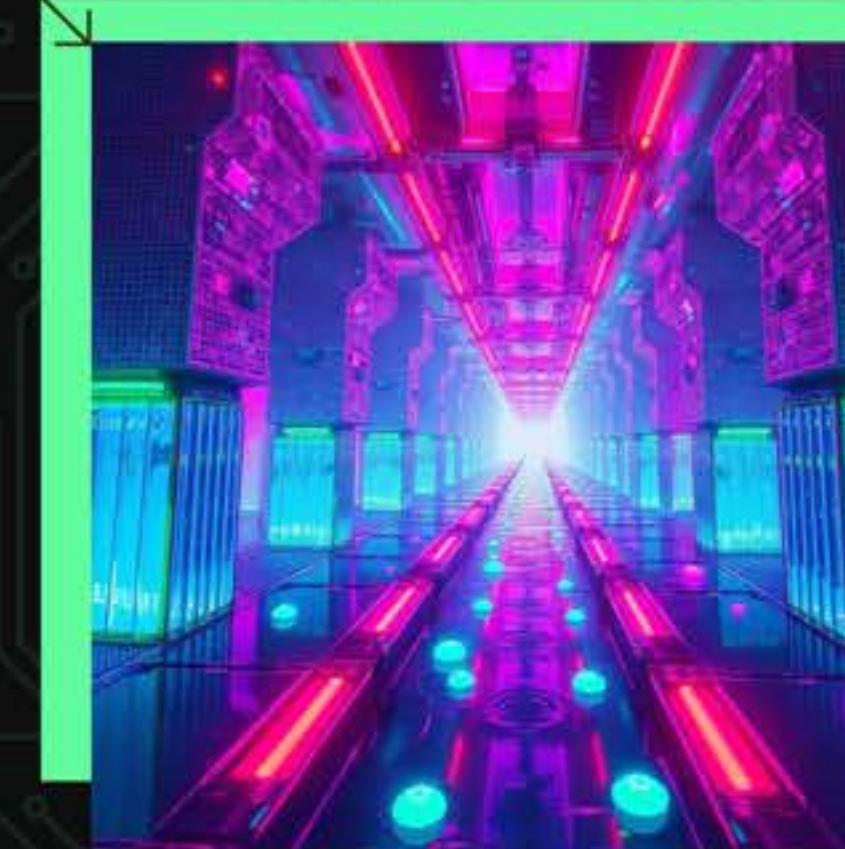
# TECHVAGANZA

## EVENTS



### STRUCTURE BATTLES

A Line Follower event features robots programmed to follow a path marked by a line on the ground. Participants design and fine-tune robots to navigate the track efficiently and accurately. The event highlights innovation in sensor technology and autonomous navigation.



### WATER MAZE

The Water Maze is a competition where participants navigate through a maze filled with water challenges. Team design and use devices to move through or manipulate water to reach goal. The event tests problem solving skills, creativity and engineering ingenuity.



### HYDRAULIC LIFT

The Hydraulic Lift event challenges participants to design and build a working hydraulic lift system. Teams demonstrate their creations by lifting and lowering objects with precision using hydraulic principles. The event focuses on engineering skills, fluid mechanics, and practical problem-solving.

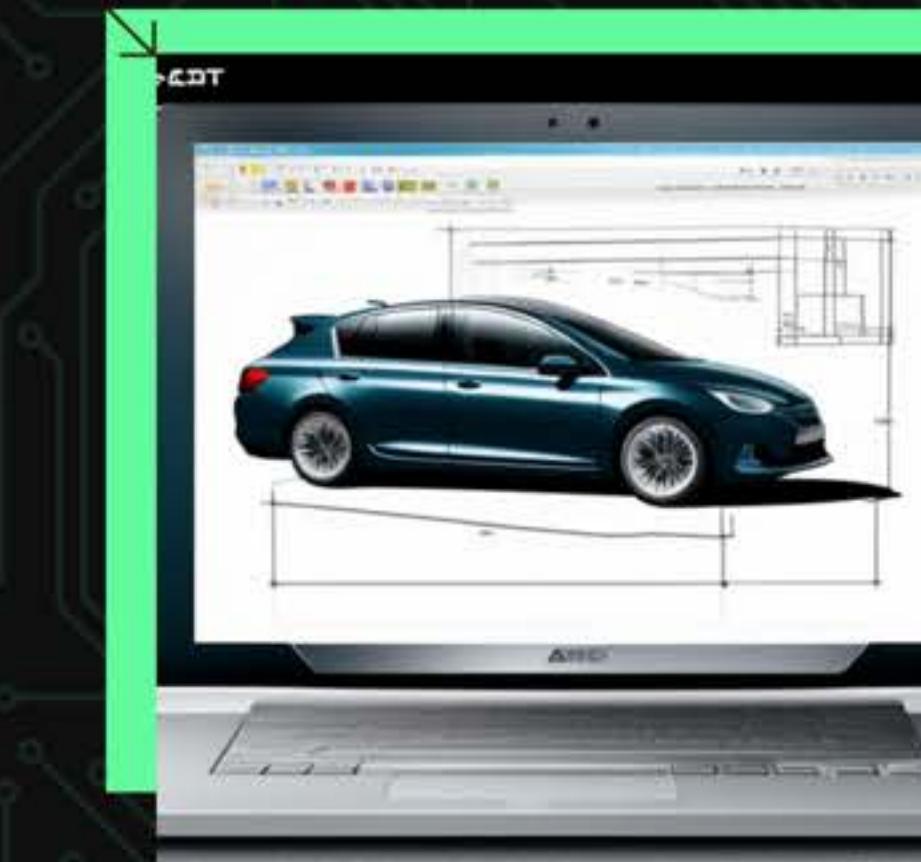
# TECHVAGANZA

## EVENTS



### EGG DROP CHALLENGE

The Egg Drop Challenge is an event where participants create protective devices to prevent an egg from breaking when dropped from a height. Teams must design their solutions using limited materials to absorb impact and ensure egg's safety. The competition tests creativity, engineering skills and problem solving abilities.



### AUTO CAD COMPETITION

The AutoCAD Competition is an event where students use AutoCAD software to create detailed and accurate technical drawings or 3D models. Contestants showcase their proficiency in drafting, design and spatial visualization. The competition highlights skills in precision, creativity and software mastery in architectural or engineering contexts.



### DIY BIOPLASTIC PRODUCTION

The DIY Bioplastic Production event challenges participants to create bioplastics from natural materials like starch or algae. Teams demonstrate their ability to produce, mold, and test these eco-friendly materials. The competition emphasizes sustainability, innovation, and hands-on science skills.

# TECHVAGANZA

## EVENTS



### CHEMICAL REACTION RACE

The Chemical Reaction Race is an event where participants perform and time various chemical reactions to achieve specific outcomes. Teams race to complete reactions with precision and speed, showcasing their understanding of chemistry. The competition emphasizes quick thinking, accuracy, and chemical knowledge.



### BEST OUT OF WASTE COMPETITION

The Best Out of Waste competition challenges participants to create innovative and functional items using discarded materials. Teams transform waste into creative solutions or art pieces, demonstrating resourcefulness and environmental awareness. The event highlights creativity, sustainability, and practical problem-solving.



### IDEATHONS

Ideathons are events where participants brainstorm and develop innovative solutions to specific challenges or problems. Teams collaborate to generate, refine, and pitch their ideas, often with a focus on entrepreneurship and impact. The event fosters creativity, teamwork, and practical problem-solving skills.

# TECHVAGANZA

## EVENTS

### TECHVAGANZA-24 BOMB SQUAD



#### BOMB SQUAD

The Bomb Squad event simulates high pressure scenarios where participants must safely defuse mock explosive devices using problem-solving and teamwork. Teams work together to decipher clues, handle tools, and execute precise actions to neutralize the threat. The event emphasizes quick thinking, attention to detail and collaboration under stress.

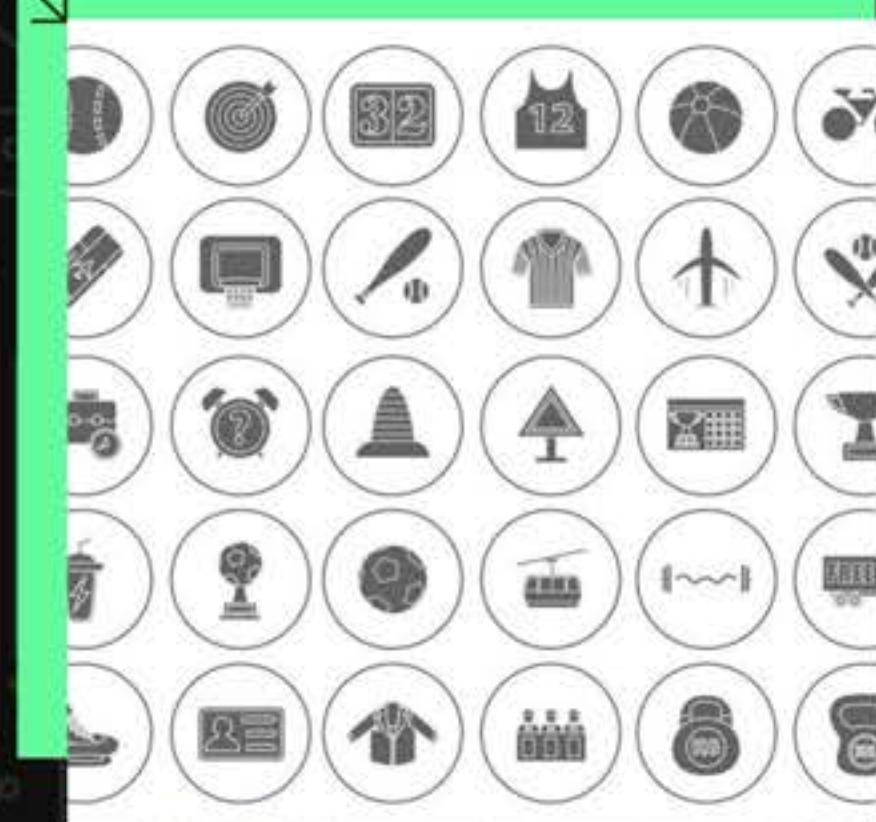


#### PROGRAMMABLE LED LIGHT SHOW

The Programmable LED Light Show event challenges participants to design and program dynamic light displays using LED technology. Teams create visually stunning and synchronized light sequences, often set to music or specific themes. The competition highlights creativity, technical skills, and precision in programming and design.

#### SYMBOLA

Symbola is an event focused on creating and interpreting symbolic designs or art. Participants craft visual representations or coded messages that convey deeper meanings or concepts. The competition emphasizes creativity, visual communication, and the ability to express complex ideas through symbols.



# TECH VAGANZA

## EVENTS



### GRAPHIC DESIGNING COMPETITION

The Graphic Designing Competition is an event where participants create compelling visual designs using digital tools. Competitors showcase their skills in layout, topography, and visual communication to meet specific design briefs. The event highlights creativity, technical proficiency, and design innovation.

### WEB DESIGN COMPETITION

The Web Design Competition challenges participants to create functionally and visually appealing based on given criteria. Competitors demonstrate their skills in layout, user experience and layout. The event emphasizes creativity, technical expertise and effective web design principles.



### RAPID FIRE + TECHNICAL QUIZZES

The Rapid Fire + Technical Quizzes event features a fast-paced quiz format that tests participants' knowledge in various technical fields. Competitors answer a series of quick, challenging questions to demonstrate their expertise and problem-solving skills. The event highlights quick thinking, technical acumen, and depth of knowledge.

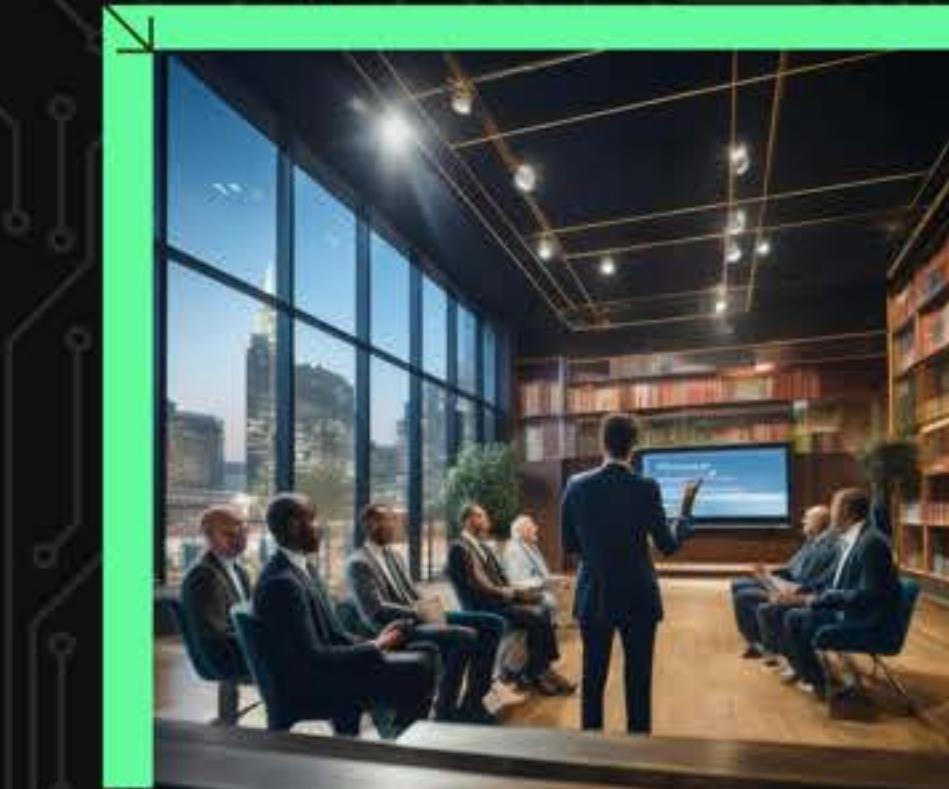
# TECHIVAGANZA

## EVENTS



### TECH WORKSHOPS

Technical Workshops are interactive sessions where participants gain hand-on experience with various technologies and tools. The workshop covers topics like coding, robotics, digital design, providing practical skills and knowledge. Participants enjoy Tech Workshops for their hands-on learning opportunities and the chance to directly engage with cutting-edge technologies.



### EXPERT TALKS

Expert Talks feature industry leaders and specialists sharing insights on their fields of expertise. Presentations cover advanced topics, emerging trends, and real-world applications. The event provides valuable knowledge, networking opportunities, and professional development for attendees.



### TECHNICAL TREASURE HUNT

The Technical Treasure Hunt is an event where participants solve technology based puzzles and challenges to uncover clues and find hidden treasure. Teams navigate through tasks involving coding, engineering or problem solving to advance in the hunt. The event combines adventure with technical skill, emphasizing teamwork and ingenuity.

# TECH VAGANZA

## EVENTS



### TECH TALKS

Tech Talks is an event where experts and enthusiasts give presentations on cutting-edge technology and industry trends. Speakers share insights, innovation, and case studies, fostering knowledge exchange and discussion. The event highlights leadership, emerging technologies, and professional development.

### ELECTRICAL VEHICLES

Electrical Events are competitions focused on electrical vehicles or devices showcasing innovation in electrical mobility and technology. Participants design, build, and demonstrate electric-powered systems, such as vehicles or gadgets. The event emphasizes advancements in sustainability, engineering, and practical applications of electrical technology.



### RENEWABLE ENERGY SYSTEMS

The Renewable Energy Systems event focuses on designing and implementing solutions that harness renewable energy sources like solar, wind, or hydro. Participants create and present systems or prototypes that demonstrate efficient energy use and sustainability. The event highlights innovation, technical expertise, and advancements in green energy technologies.



# TECHVAGANZA

## EVENTS



### BATTLE OF BEATS

#### EMOJI ENCRYPTION

Emoji Encryption is a thrilling competition where participants will decode tech-related words, commands, or paragraphs represented by emojis. The event challenges decoding skills across three levels, with increasing difficulty.

#### SONIC SHOWDOWN: BATTLE OF BEATS

Sonic Showdown: Battle of Beats is an electrifying music production competition designed to showcase the creativity and technical skills of aspiring and experienced music producers. Participants will battle head-to-head to craft original tracks, pushing the limits of musical innovation across genres like electronic, hip-hop, pop, and experimental.



#### UV DANCE COMPETITION

UV Dance Competition is a visually stunning dance event where performances are enhanced by ultraviolet (UV) light, creating a glowing and striking visual experience. Participants will showcase their choreography under black light to create a mesmerizing effect.

# TECHVAGANZA

## EVENTS



### ANIMATION MOVIE COMPETITION

Animated Video Competition is a platform for participants to showcase their creativity and technical skills through animated storytelling. The theme of the competition is Technology, encouraging participants to explore its impact on the world, the future, and how it solves problems.



### JAM (JUST A MINUTE)

This event will be based on a participant's speaking skills and logical thinking. Participants will be given any random topic and asked to speak on it for the required time duration.



### KEYBOARD JUMBLE

This event tests participants' quick thinking, speed, and knowledge of keyboard layouts. Participants will be provided with keyboards where the keys have been swapped or misplaced. Their task is to rearrange the keys in the correct manner within a fixed time.

# TECHVAGANZA

## EVENTS



### TECH EXHIBITION

The Tech Exhibition showcases the latest innovations and advancements in technology from various industries. Exhibitors present cutting-edge products, solutions, and research, providing attendees with insights into emerging trends and technologies. The event facilitates networking, learning, and exploration of new technological frontiers.



### ART COMPETITION

The Art Competition invites participants to create and showcase their original artwork based on specific theme or medium. Artists compete to display their creativity, technical skills and unique expression. The event highlights artistic talent and offers recognition and feedback from judges and peers.

NIT SRINAGAR  
Hazratbal, Srinagar 190006

### TECH STATE SHOWCASE

INNOVATION ACROSS NATION

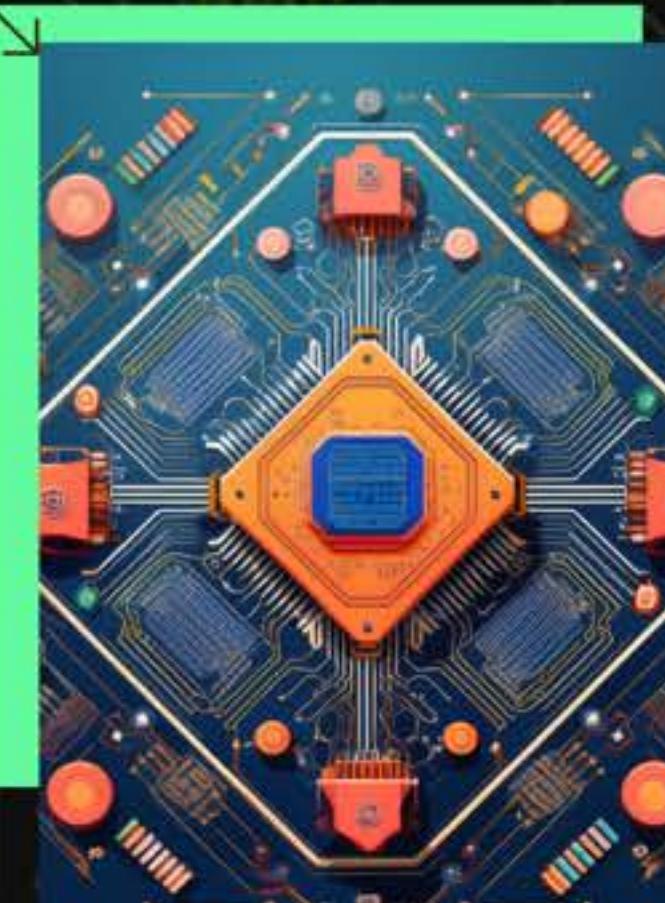


### "TECH STATES SHOWCASE: INNOVATIONS ACROSS THE NATION"?

Tech States Showcase: Innovations Across the Nation.

# TECHVAGANZA

## TECHNICAL WORKSHOPS



### MICROCONTROLLER & ARDUINO UNO

The Microcontroller & Arduino Uno event challenges participants to design and program projects using Arduino Uno microcontrollers. Competitors create innovative solutions or gadgets, demonstrating their skills in electronics and coding. The event highlights creativity, technical proficiency, and practical applications of microcontroller technology.



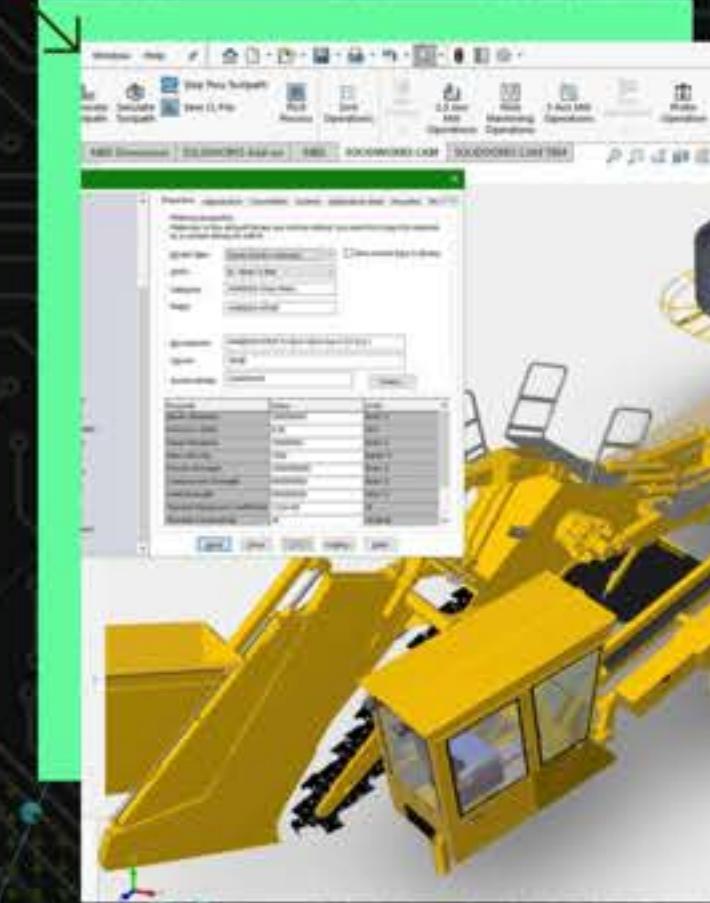
### INTRODUCTION TO DRONES

The Tech Workshops at Techvaganza 2024 offer hands-on learning experiences across a wide range of cutting-edge technologies and practical tools. Whether you're eager to explore Drones, SolidWorks, or Microcontrollers with Arduino UNO, or dive into specialized topics like Vernacular Building Styles for earthquake-prone areas, these workshops will provide the skills and knowledge to thrive in today's tech-driven world.



### VERNACULAR BUILDING STYLE AND EARTHQUAKE PRONE AREAS WITH SPECIAL REFERENCE TO KASHMIR

The dive into specialized topics like Vernacular Building Styles for earthquake-prone areas, these workshops will provide the skills and knowledge to thrive in today's tech-driven world.



### SOLID WORKS

The Tech Workshops at Techvaganza 2024 offer hands-on learning experiences across a wide range of cutting-edge technologies and practical tools. When eager to explore SolidWorks, these workshops will provide the skills and knowledge to thrive in today's tech-driven world.

# TECHVAGANZA

## TECHNICAL WORKSHOPS



### ML (MACHINE LEARNING)

The Participants will have the opportunity to learn about the latest advancements in Machine Learning. These workshops are designed to provide practical, hands-on experience, making them ideal for students and professionals looking to expand their skillset in the tech space.



### PYTHON

The Participants will have the opportunity to learn about the latest advancements in Machine Learning, Python. These workshops are designed to provide practical, hands-on experience, making them ideal for students and professionals looking to expand their skillset in the tech space.



### ROBOTICS

Participants will have the opportunity to learn about the latest advancements in Machine Learning, Python, Robotics. These workshops are designed to provide practical, hands-on experience, making them ideal for students and professionals looking to expand their skillset in the tech space.



### WORKSHOP ON AI

Tech Workshops at Techvaganza 2024 offer hands-on learning experiences across a wide range of cutting-edge technologies and practical tools. Participants will have the opportunity to learn about the latest advancements in Machine Learning, Python, Robotics, AI.

# TECHVAGANZA

## EXPERT & TECH TALKS



### EMPOWERING FINANCIAL LITERACY

TRANSFORMING FUT THROUGH EDTECH



### AI & ANIMAL HUSBANDRY

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. Explore topics like Electric Vehicles, Renewable Energy Systems, and the latest in Artificial Intelligence and Knowledge Graph Applications, shedding light on their impact across diverse domains.



### THE FUTURE OF ELECTRIC VEHICLES: DRIVING TOWARDS SUSTAINABILITY.

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. Explore topics like Electric Vehicles, Renewable Energy Systems, and the latest in Artificial Intelligence and Knowledge Graph Applications, shedding light on their impact across diverse domains.



### RENEWABLE ENERGY: PATHWAY TO SUSTAINABLE TOMORROW

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. Explore topics like Electric Vehicles, Renewable Energy Systems, and the latest in Artificial Intelligence and Knowledge Graph Applications, shedding light on their impact across diverse domains.

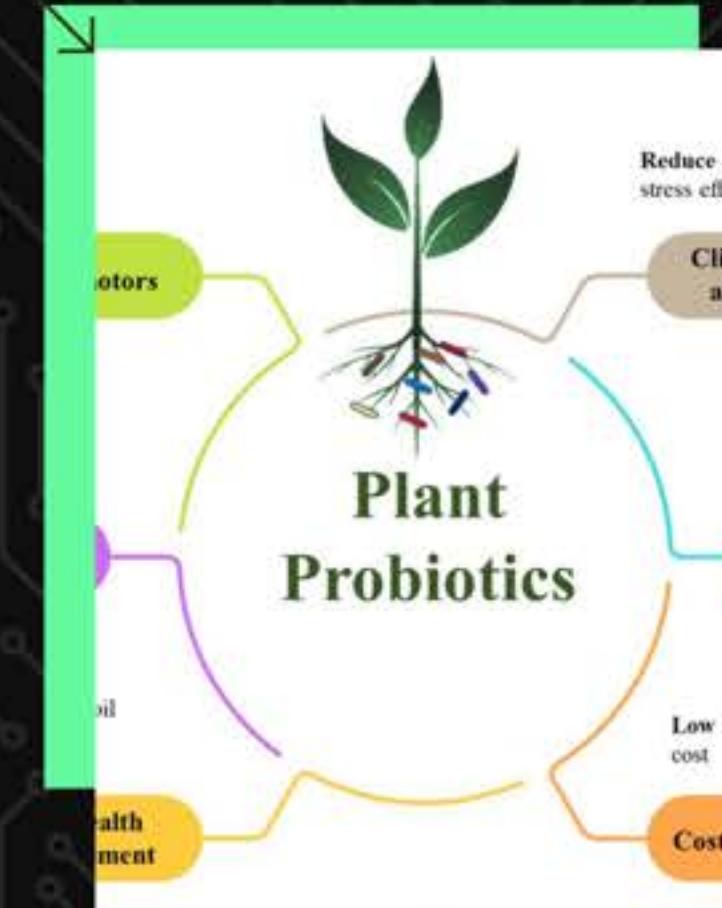
# TECHVAGANZA

## EXPERT & TECH TALKS



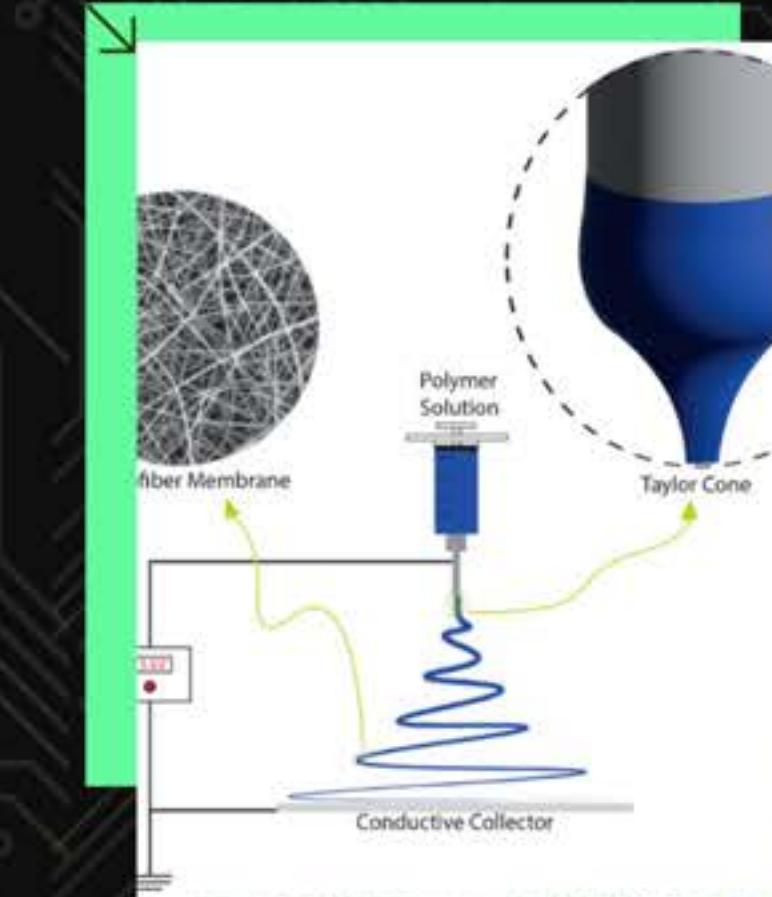
### AI

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. Explore topics like Electric Vehicles, Renewable Energy Systems, and the latest in Artificial Intelligence and Knowledge Graph Applications, shedding light on their impact across diverse domains.



### BIO-GENESIS: BIOENGINEERING AND BACTERIAL SYNERGY FOR SUSTAINABLE SOIL IMPROVEMENT

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### ELECTROSPUN NANOFIBERS - OPENING NEW GATEWAYS FOR CONTROLLED AND TARGETED DRUG DELIVERY SYSTEMS

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### KNOWLEDGE GRAPH APPLICATIONS IN DIVERSE DOMAIN

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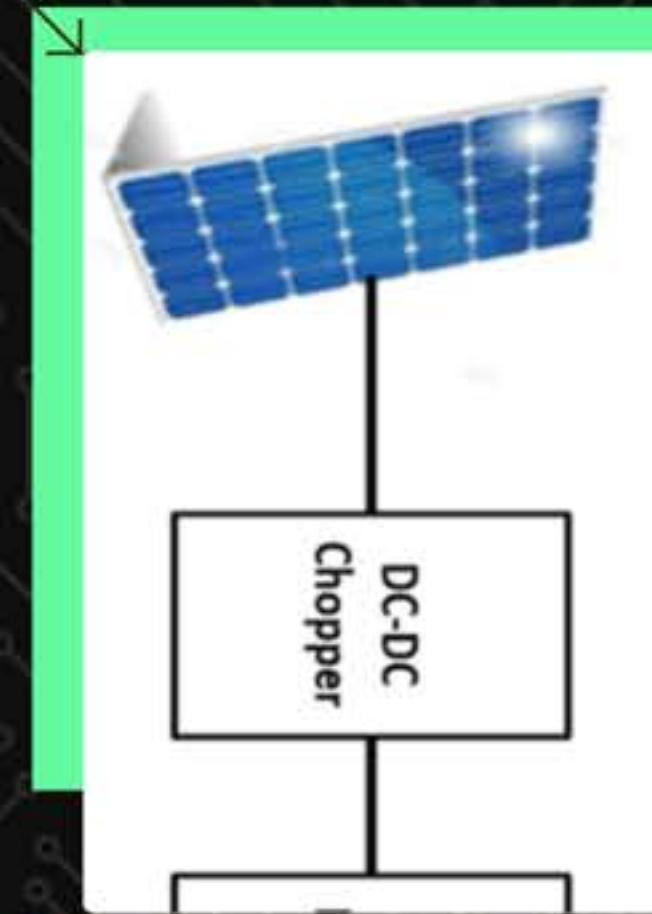
# TECHVAGANZA

## EXPERT & TECH TALKS



### BLACK HOLES

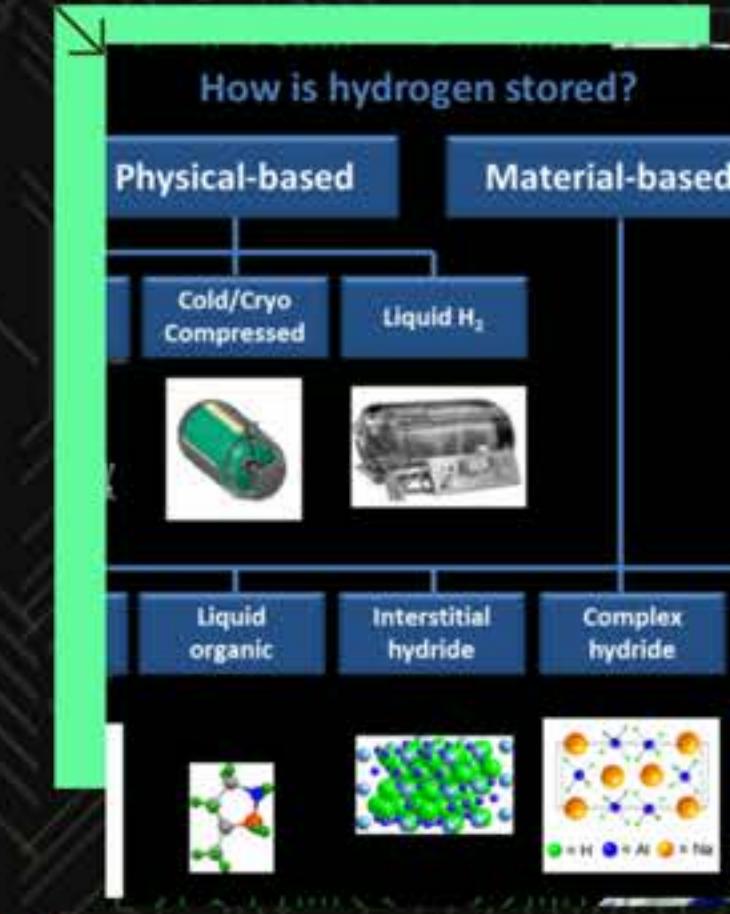
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PV modules

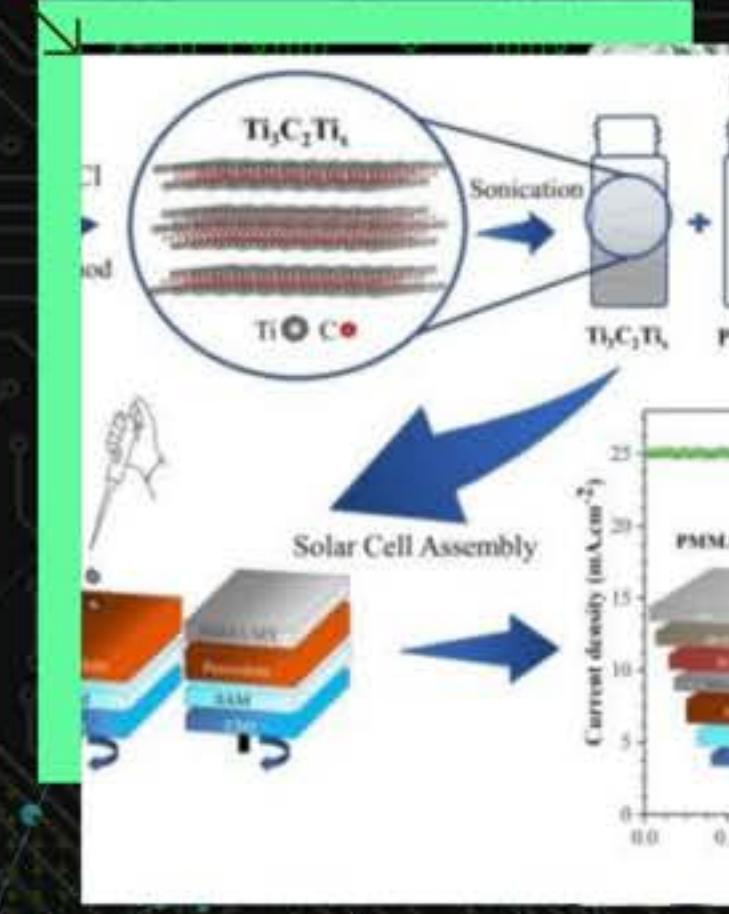
### MULTIFUNCTIONAL GRID CONNECTED PV SYSTEM

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. Discover innovative approaches to Financial Literacy through EdTech and gain exposure to breakthroughs in Multifunctional Grid-Connected PV Systems, Hydrogen Storage Materials, and a Novel Class of Materials that have promising industrial applications.



### A NOVEL CLASS OF MATERIAL

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### APPLICATIONS OF HYDROGEN STORAGE MATERIALS

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# TECHVAGANZA

## EXPERT & TECH TALKS



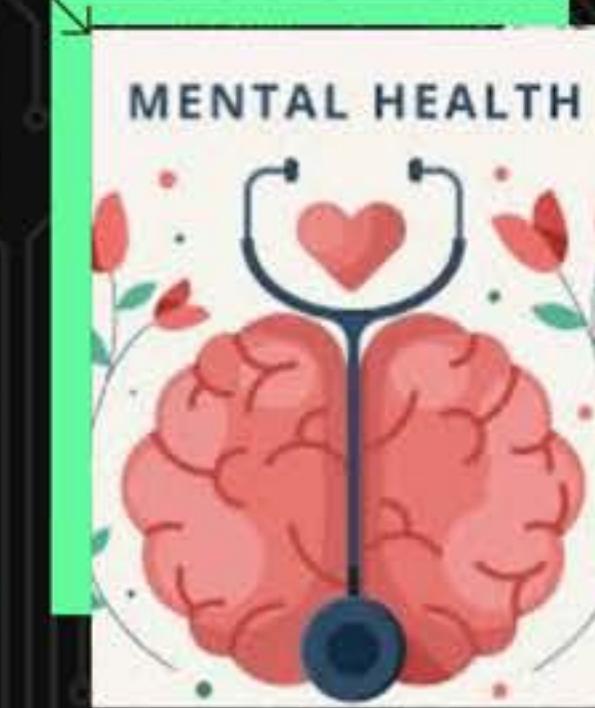
### TECH ROLE IN HERITAGE PRESERVATION

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. Explore topics like Electric Vehicles, Renewable Energy Systems, and the latest in Artificial Intelligence and Knowledge Graph Applications, shedding light on their impact across diverse domains.



### CAREER COUNSELLING

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. Additionally, learn about the role of technology in preserving cultural legacies with Tech's Role in Heritage Preservation, or delve into personal growth with sessions on Career Counselling, Mental Health, and Content Creation.



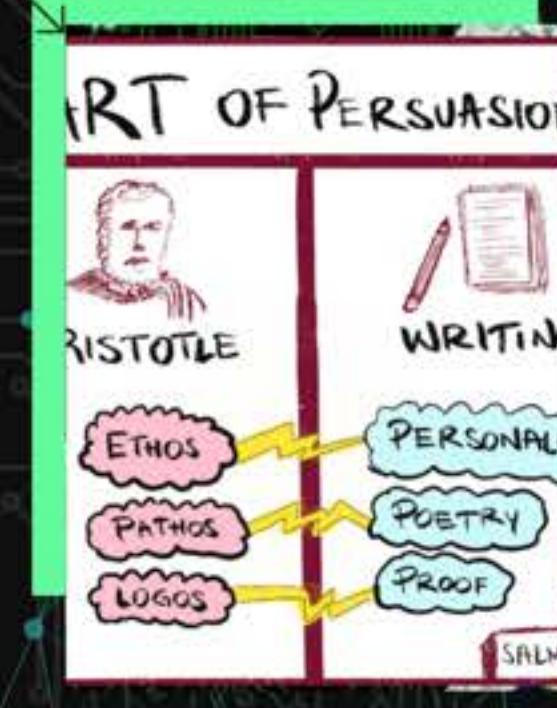
### MENTAL HEALTH

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### CONTENT CREATION

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. Additionally, learn about the role of technology in preserving cultural legacies with Tech's Role in Heritage Preservation, or delve into personal growth with sessions on Career Counselling, Mental Health, and Content Creation.



### ART OF PERSUASION: WRITING SKILLS FOR THE TECH WORLD

Expert Talks at Techvaganza 2024 will present an exciting lineup of sessions, offering valuable insights into cutting-edge technologies, scientific advancements, and societal challenges. A session on the Art of Persuasion: Writing Skills for the Tech World will provide essential guidance on crafting impactful documents crucial for success in the tech industry.

# TECH VAGANZA

## TALKS AND WORKSHOPS



### LEADING WITH VISION WORKSHOP

The **Leadership Building Workshop** in "Women in Tech" is designed to cultivate essential leadership skills among students, preparing them to take on future roles as innovators, team leaders, and decision-makers. This workshop focuses on developing qualities like effective communication, problem-solving, teamwork, and crucial for leading in both academic and professional settings.



### WOMEN IN TECH: BREAKING BOUNDARIES

The Technical Skill Building Workshop in "Women in Tech" aims to equip students with practical skills essential for the ever-evolving tech industry. This workshop provides an intensive learning experience designed to enhance participants' knowledge in emerging technologies, programming languages, and software tools.



### TECH FORWARD: EMPOWERING WOMEN IN STEM

As part of "Women in Tech", the **Career Pathways in Tech Workshop** is designed to guide students through the diverse and rapidly evolving landscape of the tech industry. This workshop aims to provide insights into various career opportunities, emerging trends, and essential skills that students need to thrive in the tech world.



### HERTECH TALKS: INSIGHTS FROM WOMEN INNOVATORS

Expert talk is an event wherein **two** very successful women from the STEM field will inspire and motivate attendees by showcasing how they have overcome challenges in their careers..

# THE DIRECTOR'S MESSAGE

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We are dedicated to revolutionizing Techvaganza and establishing it as an unparalleled milestone in the legacy of NIT SRINAGAR's history. Our vision is to lead the way and establish a new standard for all college festivals. We aspire to transform it into a launching pad for emerging talents, offering them an unparalleled stage and a diverse audience that exceeds their previous experiences. The essence of this event is encapsulated in our mission to foster connections among diverse cultures and transcend barriers of race, caste, and religion. We remain committed to this purpose and aim to achieve it with grace and distinction.

Regards,  
TECHVAGANZA ORGANISING COMMITTEE  
NIT SRINAGAR

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INR 4,00,000

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INR 2,50,000

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# STALLS

✓ FOOD COURT

INR 20,000

✓ BUSINESS STALLS

INR 15,000

## Our Bank Account Details

**Name** : Students Gymkhana  
NIT Srinagar

**AC no** : 0391040510000060

**IFSC** : JAKAORECSGR

**Bank** : J&K Bank

**Branch** : REC Srinagar, Hazratbal

**To Book your stall or partner with us,**

**Contact** : Yasir Shah

**Email** : techvaganza@nitsri.ac.in

**Phone** : +91 7780887743



## GET IN TOUCH WITH US

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