

@technika_bitp



TECHNIKA '24-25

The annual Techno-Cultural fest of
BIT Patna

26th-28th Oct 2024

About TECHNIKA

TECHNIKA is a premier event designed to bring together the brightest minds in technology, engineering, and science. This electrifying fest is your chance to showcase your skills, ignite your creativity, and explore the cutting edge of innovation.

We offer a diverse range of exciting events, from thrilling competitions and insightful workshops to inspiring guest lectures and interactive exhibitions. Whether you're a seasoned tech enthusiast or just starting your journey, there's something for everyone at TECHNIKA



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 www.technikabitp.com



TECHNICAL EVENTS

Technical events are dynamic platforms that bring together enthusiasts, innovators, and problem solvers to engage in hands-on activities across diverse domains like engineering, coding, robotics, and technology. These events often include hackathons, coding contests, robotics competitions, and tech quizzes that test participants' skills and creativity. Through workshops and expert talks, attendees can deepen their knowledge of cutting-edge technologies.

Registration fees : ₹120

● Dev Conquest (Hackathon)

Unleash your creativity and coding skills in an intense hackathon. Compete with the brightest minds to develop innovative solutions to real-world problems and claim the title of Tech Wizard!

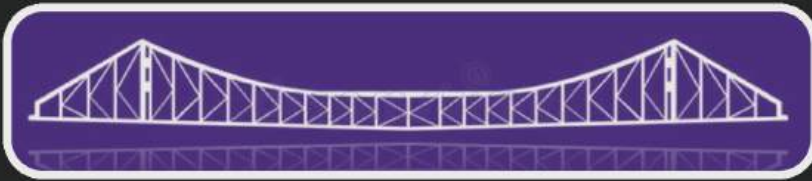
● Algo Apex (Competitive Programming)

Sharpen your algorithms and take on complex coding challenges in this competitive programming event. Show your problem-solving prowess and climb the leaderboard to emerge as the algorithm master.

● Ampere Assemble

Dive into the world of circuits and electronics with Ampere Assemble. This electrifying competition will test your knowledge and practical skills in assembling and troubleshooting complex electronic systems.





● **Robo Gladiators (Robo War)**

Witness the clash of titans as custom-built robots battle it out in an intense arena. Design, build, and control your robotic warrior to demolish the competition and claim Robo War supremacy!

● **Tall Tower**

Engineering creativity meets structural integrity in Tall Tower. Teams will be tasked with building the tallest, most stable structure using limited resources—push your architectural skills to new heights!

● **Quiz**

Put your tech knowledge to the ultimate test in Techquiz! From the basics of technology to advanced concepts, this quiz will challenge your grasp on everything tech related. Gear up for a thrilling intellectual battle!

● **Multisim Mavericks (Multisim)**

Dive into circuit simulation with Multisim Mavericks. Compete in designing and testing complex circuits virtually, demonstrating expertise in simulation tools and electronics theory.

● **Startup Sphere (Pitching Ideas)**

Have a groundbreaking startup idea? Pitch it to industry veterans in Startup Sphere. Get feedback, display your vision, and compete for the best startup concept in this entrepreneurial showdown.

● **MachUtility Extreme (Utility Machine)**

Create a multi-functional Machine with real-world utility applications. MachUtility Extreme challenges participants to design and build machines that can perform essential tasks autonomously with precision and efficiency.

● **Aerofilia (Bridge the Gap)**

Engineer a model bridge capable of withstanding loads in this intense structural engineering competition. Teams will test their design ingenuity, pushing the boundaries of strength and stability.





WORKSHOP

Workshops are structured, interactive sessions designed to teach specific skills or knowledge through practical exercises, discussions, and active participation. They differ from lectures or seminars by emphasizing hands-on experience, making them a highly effective form of learning in various fields.

Registration fees : ₹50

● Generative AI Workshop

Explore the innovative world of artificial intelligence in this hands-on workshop focused on Generative AI. Learn about neural networks, machine learning models, and how AI can be used to generate creative content, from art and music to text and more. Ideal for those passionate about AI innovation.

● Basic Trading Workshop

Learn the fundamentals of stock market trading and investment strategies in this beginner-friendly workshop. Gain insights into financial markets, trading platforms, and techniques to analyse stocks, making you ready to start your trading journey with confidence.

● Reel making Workshop

Unlock your creativity with our hands-on Reel Making Workshop! Learn the essentials of storytelling, shooting, and editing short videos for platforms like Instagram and TikTok. From ideation to execution, you will discover techniques to make visually captivating reels that stand out. Perfect for aspiring content creators or anyone looking to enhance their social media presence!

● Drone Workshop

Dive into the world of drones in this interactive workshop. Learn about UAV design, flight control, and drone applications in various industries. Whether you are an aspiring drone pilot or an enthusiast, this workshop will provide hands-on experience in flying and maintaining drones.

● MATLAB

Join our hands-on MATLAB workshop to learn the essentials of numerical computing, data analysis, and programming. You'll explore the MATLAB interface, basic coding concepts, data visualization, and real-world applications across various fields. Ideal for students, professionals, and researchers, this workshop equips you with the skills to apply MATLAB in academic and industry projects. Unlock MATLAB's potential and elevate your computational expertise!

CULTURAL

Cultural event celebrates the traditions, arts, and heritage of a community through performances, exhibitions, and activities. It fosters cultural exchange, promotes diversity, and brings people together to appreciate different customs and artistic expressions.

Registration fees : ₹100

► DANCE



● Solo Saga (Solo)

Set the stage on fire with your moves in Solo Saga, the solo dance competition where individuals highlight their dancing prowess, passion, and creativity. Dance to your own beat and mesmerize the audience with your unique performance!

● Exuberance (Group)

Feel the rhythm and move in perfect harmony in Exuberance, the group dance battle. Teams will compete to deliver the most synchronized, high-energy performances, blending choreography and teamwork for a captivating show.

● Synced Showdown (Duo)

Witness the magic of perfect harmony as duos take the stage for an electrifying dance-off. In Synced Showdown, pairs will mesmerize the audience with their synchronized moves, impeccable coordination, and creative choreography. This event celebrates teamwork and chemistry as dancers perform in seamless unity, leaving spectators awestruck. A true test of rhythm and togetherness, this is where two become one on the dance floor!

TECHNIKA '24

► MUSIC



● Raag Unreleased (Solo)

Unleash your vocal talent in Raag Unreleased, a solo singing competition where participants are free to express themselves through any musical style or genre. Sing your favourite songs, display your originality, and connect with the audience through your unique voice and interpretation.

● Fusion Fiesta (Group)

Dive into the essence of musical collaboration in Fusion Fiesta, where groups come together to perform original compositions or reinterpretations that reflect a shared vision. This event focuses on creativity and teamwork, encouraging participants to create harmonious performances that resonate with the audience.

● Musical Marvel (Instrumental)

Celebrate the magic of music in this instrumental competition. Musical Marvel invites solo artists to captivate the audience with their skill and creativity, performing mesmerizing pieces on their chosen instruments.

► DRAMA



● Ekanki (Mono)

Step into the spotlight and captivate the audience with a one-man or one-woman show. Ekanki is the ultimate test of acting talent, where participants deliver a solo performance, drawing on emotion and expression to tell powerful stories.

● Matargashti (Stage and Mime)

Let your creativity run wild in Matargashti, where participants can perform traditional stage acts or mime. From humour to drama, this event offers a platform for a variety of theatrical forms that entertain and provoke thought.

● Hulchul (Nukkad)

Take theatre to the streets with Hulchul, a nukkad natak event. Participants will perform socially relevant street plays, spreading awareness about important causes through powerful, engaging, and interactive performances.

► LITERARY



● Jashn-e-Jazbaat (Poetry)

Celebrate the beauty of language and emotion in Jashn-e-Jazbaat, a poetry competition. Participants will recite their original poems, weaving words into powerful expressions of passion, love, and life.

● Vaad Vivaad (Debate)

Sharpen your argumentative skills in Vaad Vivaad, a debate competition where participants tackle thought-provoking topics. Engage in intellectual battles, presenting compelling arguments to convince the judges and the audience.

► FASHION



● Fashion Insta (Fashion Show)

Strut the runway in Fashion Insta, where creativity meets couture. Participants will highlight their unique styles, designs, and flair for fashion in this glamorous fashion show that celebrates innovation and trendsetting looks.



FILM MAKING

Filmmaking is a magical blend of imagination and craft, where stories leap from the mind onto the screen. It begins with an idea—a fleeting thought, a spark of inspiration—that grows into a script, shaping characters and worlds out of words. Then comes the alchemy of turning the intangible into the tangible.

Registration fees : ₹100

● Motion-e-Magic

Unleash your storytelling prowess through the art of filmmaking. In Motion-e-Magic, teams will script, shoot, and edit short films, bringing creative ideas to life on screen. From concept to completion, this event will challenge your cinematic vision and technical expertise.





FUN EVENTS

Fun events are vibrant gatherings designed to entertain and engage people through enjoyable activities. Fun events are about creating lasting memories, strengthening friendships, and fostering a sense of community. Technika is an exhilarating event held during college fests that celebrates technology, innovation, and creativity. This dynamic gathering brings together students, industry experts, and tech enthusiasts to explore the latest advancements and engage in hands-on activities.

Registration fees : ₹50

● Speed Cubing

Put your problem-solving skills to the test in Speed Cubing, where participants race against the clock to solve a Rubik's Cube and other twisty puzzles. Whether you are a seasoned cuber or a beginner, this event promises excitement, strategy, and plenty of twists and turns. Compete for the fastest time and highlight your cubing prowess!

● Paintball

Gear up for an adrenaline-pumping adventure in Paintball, where strategy and teamwork come into play! Participants will engage in thrilling tactical battles, using paintball markers to outmanoeuvre opponents in a designated arena. Experience the thrill of competition, teamwork, and strategy in this action-packed event!

● Human TIC TAC TOE

Join in the fun with Human TIC TAC TOE, a life-sized twist on the classic game! Participants will take on the roles of Xs and Os, competing on a large grid to achieve three in a row. This interactive and engaging game encourages teamwork, strategy, and plenty of laughter, making it a perfect activity for everyone!

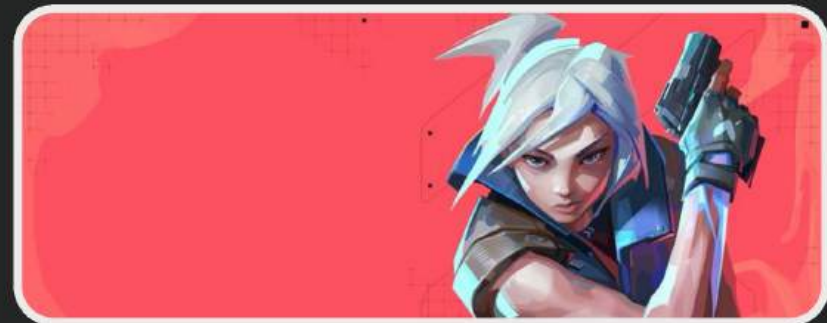




E-SPORTS

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Registration fees : ₹100



● BGMI Blitz

Get ready for the ultimate battle royale experience in BGMI Blitz! Join this thrilling tournament where teams will compete in Battlegrounds Mobile India (BGMI) to be the last ones standing. Demonstrate your strategic gameplay, teamwork, and sharpshooting skills as you navigate dynamic maps, outsmart opponents, and secure victory in this fast-paced gaming challenge!

● Legacy of Valor

Step into the arena of Legacy of Valor, a gripping e-sports event featuring Valorant. Form your team and strategize as you engage in tactical gameplay in this popular first-person shooter. With a focus on teamwork, skilful manoeuvres, and precise aim, aim for glory as you strive to eliminate the opposing team and secure victory in this intense gaming challenge!

● Fumble-Rumble

Join the fun and chaos in our Fall Guys Competition, where you and your friends will battle it out in a series of wacky, obstacle-filled races and challenges. Compete against each other in this colourful, fast-paced multiplayer game, filled with hilarious knockouts and epic wins. Whether you are a seasoned gamer or just here for the laughs, this event promises excitement and non-stop fun for all!

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Connectivity through Air

5 min (2.1 km) via Patna
Airport - BMP Rd

Airlines that Serve JPN International Airport

Air India, FlyBig, Go First,
IndiGo Spicejet, Vistara



Connectivity through Rail

17 min (7.3 km) via Harding Rd

18 min (7.5 km) via Bailey Rd

23 min (7.9 km) via Bailey Rd/Jawaharlal Nehru Marg



TECHNIKA '24

INNOVATING TODAY
SUSTAINING TOMORROW