

F.E.T.S.U. Presents
srijan²⁴



EVENT BROCHURE

The Annual Techno - Management Fest of
JADAVPUR UNIVERSITY



21 st - 24th March, 2024

About **Jadavpur University**

Nestled amidst the heart of Kolkata and steeped in history and innovation, Jadavpur University, founded on 24th December 1955 under the West Bengal Act XXXIII is not just a technical institute but renownedly known as the flag bearer of imparting world class multi disciplinary education amongst its students.

Founding members of National Council of Bengal, the parent body of the Jadavpur University, in 1906 set the goal "To achieve self reliance through empowerment of Youth by imparting Best of Global Knowledge" and the varisty yet today continues to do the same It has provided research and policy support for state and national governments and international bodies, and conventional and non-conventional technological development for society. The University has produced notable alumni who have made significant contributions to academia and the corporate world.

The university's commitment to research, innovation, community engagement, a legendary network of alumnus from that very spring of its establishment, and its unwavering contribution to imparting knowledge and refining the taste of culture and technology has marked its distinguished reputation not only in the Indian subcontinent but also at an international level.

About Srijan

In the heart of Kolkata, where passion ignites, Srijan flourishes – an annual tribute to creativity and excellence, cradled by Jadavpur. From its inception in 2007 as a humble spark, it has flourished into an spectacular festival of technology and management.

With each passing year Srijan paints the canvas of curiosity with vibrant strokes. From the intricate patterns of coding to the strategic symphony of management, it beckons minds to explore their dreams in innovation, design and robotics. Across the city's limits and beyond state lines, eager minds converge, attracted by the allure of workshops, exciting competitions, and the euphoria of cultural episodes.

In this four-day spectacle, Srijan transcends from being merely a festival, it becomes a chorus of the most brilliant minds, echoing through the halls of Jadavpur's heritage. Join us at Jadavpur University to engage in 35+ events ranging from coding competitions, b plan competitions, case studies, equity research events, robotics based competitions, web design, rap battles, treasure hunt and many more to have an experience of a lifetime.

We also organise:

F5 talk show series where in we host renowned personalities and have hosted Aman Dhatarwal (Apna College), Raj Vikramaditya (Striver, Take U Forward) and many others in the past.

Comedy Nights, we have previously hosted Rahul Subramanian, Anirban Dasgupta and mesmerizing DJ nights and soul-stirring Band Performances of the best of the bands, creating unforgettable evenings of music and dance.

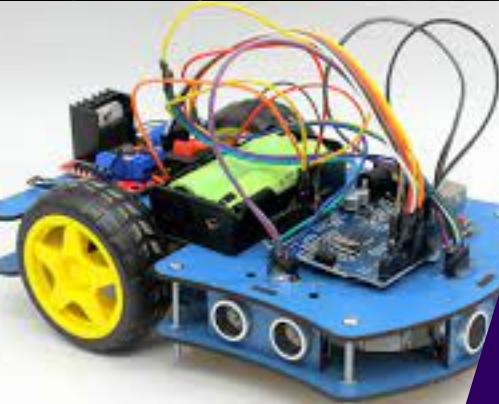
CLIMB ON

Climb On is a climbing competition for individuals who want to challenge themselves and compete with other climbers. The event is organized by Jadavpur University Mountaineering and Hiking Club (JUMHC). It is a great opportunity for climbers to showcase their skills and stamina, and have a thrilling experience.

The event has two rounds: Prelims and Finals.

In the Prelims, the participants are divided into two categories: Men and Women. They have to climb as high as they can in five minutes, and their scores are based on height and time.

The top ten scorers from each category qualify for the Finals, where they have to climb in three minutes. The top three scorers from each category win cash prizes and certificates. The event is open for all ages and levels of climbers.



ROBORACE

Gear up for the future of racing with Roborace at F.E.T.S.U. presents Srijan 2024, hosted by Jadavpur University Motorsports Club! This cutting-edge event unleashes miniature F1-style bots onto the track, each vying for supremacy in an electrifying race. Witness the convergence of tech brilliance and motorsport adrenaline as these promising contenders navigate intricate circuits to claim the coveted first position. Stay tuned for a turbocharged experience, as we unveil more details about this high-octane spectacle soon! Get ready to be immersed in a world where innovation meets speed, and the race to the future is on!

HIGHWAY TO HELL

This dynamic and high-energy event captivates opponents at a single glance. So hold your beats and get ready for a robotic odyssey where bots confront challenging terrains, rocky paths, sandy deserts, and fiery roads, no less than a "hell". It's a thrilling race against time and obstacles, where only the bot demonstrating the ideal mix of speed, agility, and resilience will claim victory. Can your creation conquer the daunting highway to hell?

UNCODE

Embark on a thrilling journey of unraveling binary brilliance at our Reverse Engineering Event during Srijan 2024! Tech enthusiasts, assemble your 1-2 member teams for an inter-college competition that welcomes all undergraduates. The online Prelims will test your virtual mettle, presenting executable files with increasing complexity. Solve problems by crafting programs in C/C++/Python/Java, mimicking the given executables' behavior. Top 10 teams progress to the gripping offline Finals, facing a two-round challenge that promises an exploration of reverse engineering prowess. Join us, leave your imprint in the realm of reverse engineering, and uncover the secrets within the digital domain!

LORD OF RINGS

Welcome to Lord of the Ring, a thrilling robotic competition brought to you by the IoT Applications Club (IoTA) J.U. and the J.U. Science Club for Srijan 2024! This event is all about remote controlled (RC) robots battling it out in a fun and exciting way. Teams of up to 5 people each come together to compete in two categories: wired and wireless. They're guided by members of the IoTA Club who help them through the competition. For this event, there's a main circular area and a special green zone around it. Robots earn points if they move their opponent to a special green zone, and if they push them completely out. The robot with more points wins the round. Each match has three rounds, and they're over in just one minute each. The first team to win two rounds wins the whole match. Every match is like a knock-out match where losing means leaving. Rules and regulations will be provided later in the event brochure and website.

ENTROPY

Bring your idea that increases the internal energy in the HVAC field, and prove how you heat it up and cool it down the right way! Two nail-biting rounds in teams of 2 to 3 testing your theoretical knowledge and application. The first round is an online quiz testing your basic knowledge in fluid mechanics, thermodynamics, etc. The final round, played by the top 5 qualifiers, who pitch their idea for a given case in front of the panel. This is the event tunes you not just into the second law of thermodynamics, but into every law that tells you to be on fire!!

BRIDGE THE GAP

A truss bridge relies on straight cables connected to vertical towers for support, transferring live loads through tension forces to the towers and then to foundations through vertical compression. Minimizing deck deformations enhances stiffness. Design and build a cable-stayed bridge out of wooden plank, popsicle stick, nail, and steel wire cable-stayed bridge capable of withstanding specified design loads within given constraints. The problem statement provides detailed descriptions of the design load and constraints.

CAPITAL CLASH

Embark on a strategic investment journey with our upcoming offline event, where individual participants are invited to show case their financial acumen. In this exclusive competition, participants are tasked with selecting a sector and identifying the most promising stock within. The challenge is to articulate a compelling long-term vision, substantiated by a comprehensive case study that meticulously analyzes historical data and formulates informed predictions for the future. Shortlisted cases will undergo scrutiny in a presentation format before an esteemed judge, followed by an engaging Q&A session with the participants. This event not only tests participants' analytical skills and market insights but also provides a platform for them to articulate and defend their investment choices. Join us for an intellectually stimulating event where financial prowess meets strategic vision, and be a part of the journey to identify the most investable stocks in the market.



JALASTRA

Attention, dreamers, tinkerers, and future engineers! Are you ready to ignite your passion, unleash your creativity, and blast off into a stratosphere of fizzy, bottle-powered fun? Jal Astra is calling, and it's your chance to launch your dreams skyward with a handcrafted rocket of your own design! Imagine the thrill of meticulously crafting your vessel, fueled by ingenuity, feel the adrenaline pump as you meticulously fine-tune every detail, your heart pounding in rhythm with eager anticipation. Then, the moment of truth arrives. Your very own rocket lifts off with speed as it streaks skyward, reaching for the edge of the sky.

MATH-E-MAGICIAN

Embark on a magical journey with Math-e-Magician, where numbers and imagination unite! This unique math adventure blends intellect and creativity, inviting both experts and curious minds to explore a world where logic and art intertwine. Whether you're a math whiz or a curious explorer, Math-e-Magician promises an exhilarating adventure that sparks curiosity and ignites the soul. Qualified teams will delve into the wonders of math science, crafting captivating presentations that inspire and engage. Join us on this enchanting expedition where numbers reveal endless possibilities, making pursuing knowledge an extraordinary adventure for all! Get ready to be captivated, whether you're a seasoned mathematician or a curious explorer!

ROOK N ROLL

Submerge yourself in the world of calculations and instinct where the mind barrels along the maze of 64 squares, as Rook 'n' Roll advents, presented by SRIJAN'24 in collaboration with Jadavpur University Chess Club (JUCC). A two days long nail-biting swiss and round robin chess tournament to make blunders, sac your resources, capture your threats or go on legendary king walk...



SNAPSNTAX

Challenge memory and design skills! Recreate a web page from memory within a time limit, relying on recall. Strategic glimpses refine designs, showcasing memory prowess in this unique event. Welcome to the "Snap Syntax" where participants showcase their HTML and CSS skills by recreating a web page from memory. This event tests their ability to recall layout, elements, and design nuances without direct visual reference. As the challenge progresses, participants face intensified difficulty with intermittent glimpses of the initial web page, requiring strategic thinking and memory retention skill.

SHERLOCKED

If you want to explore your knack for solving mysteries, SHERLOCKED is just the event you're looking for. Thinking out of the box is the key. Your observational and imagination skills will be put to the test, and so will your rational quick thinking abilities. You also need to have good knowledge of at least one mainstream programming language to get through the challenges.

You have to be on your toes if you wanna match the genius of Holmes. Brace yourselves as things are about to get interesting.

HACK FORGE

Exciting innovations unfold at the annual tech event, showcasing cutting-edge advancements in AI, robotics, and sustainable tech solutions. Renowned industry leaders share insights, fostering collaboration and sparking the next wave of technological evolution.

H42

Do you enjoy coding but fail to realize its significance in the real world? Do you get bored with the mundane problems you get to solve? Do you yearn to do more? Do you want to rack your head and find the best suited algorithm? Do you have the patience to do so?

H42 brought to you by Srijan, Jadavpur University, offers a splendid chance to prove your coding skills and end the boredom. Come, be a part of this coding event and code to glory.

CYPHER 3331

Unleash the cryptographer in you and join us for an event filled with mystery, challenges, and excitement - Cypher 3331. The event will consist of a quick crash course on cryptography, followed by preliminary rounds of five consequent steps of cryptographic problems to uncover the clues and hints of the underlying treasure hunt. The first five teams to complete the prelims within the given time will qualify for the finals, where the challenges will get even more complex and grueling. The top three teams to complete the final rounds within two hours will be crowned the winners of the event. Don't miss out on this exhilarating opportunity to test your cryptography skills and win big!



CONTROL CRAFT

Welcome to the ControlCraft Robotics Challenge, a cutting-edge Mechatronics, and robotics event by JU Mechatronics Club where your manual control skills will be put to the ultimate test! In this game, teams comprising of 4 participants will have to design and operate a robot with a four-wheel roving mechanism and a Pick-and-place manipulator mechanism. The challenge consists of three intense techniques: - Path Mastery, Pattern Precision and ControlCraft Conquest punched into a single round, designed to push your manual control abilities & your robot-building skills to new heights.

BIZNEZ PLAN

Ever inspired by those startups and founders pitching on Shark Tank? Want to have a similar experience, where you plan to convert your ideas into real business plans and pitching it in front of esteemed professionals? Welcome to Biznez Plan, where your entrepreneurial dreams take flight! This is more than a competition; it's a platform to celebrate your entrepreneurial journey. Let your ideas resonate and inspire. Best of luck, and may your entrepreneurial aspirations soar to new heights at Biznez Plan!

DATA DRIFT

Traffic data analytics involves gathering and analyzing information on vehicle, pedestrian, and cyclist movements to inform urban planning and transportation decisions. Utilizing advanced analytical tools, the analysis aims to optimize traffic flow, reduce congestion, and enhance road safety. The Smart Traffic Forum event challenges participants, either individually or in teams of two, to analyze real-time traffic data from a merging section. Given vehicle coordinates, details, and gore coordinates, participants must draw conclusions, create dashboards, and apply an engineering mindset to critically assess the provided dataset, showcasing their skills of tool usage.



ACE THE CASE

"Ace the Case" is a premier competition testing analytical skills, decision-making, and collaboration. Teams of 1-3 members compete in two stages, showcasing critical thinking, financial acumen, management, and marketing finesse. In the first round, teams submit a concise abstract presentation within 24 hours based on a given prompt. Standout teams proceed to the final round, where they pitch innovative solutions in a strategic showdown. Each team presents for 4-5 minutes using limited slides, followed by rigorous questioning from judges.

After a grueling clash, only the most exceptional teams emerge victorious, having truly "aced" the case. This competition offers a thrilling platform to analyze real-world challenges, develop innovative solutions, and showcase strategic brilliance.

STRATEGEX

Join StratEdgeX for a dynamic product optimization competition, designed to ignite your creativity and innovation. In this two-round challenge for 1-3 member teams, Round One tasks you with crafting a 3-page presentation for a chosen generic product. Dive deep into market analysis, devise a compelling marketing approach, and project potential success.

In Round Two, the Optimization Challenge, enhance an assigned product within budget constraints. Craft a concise 6-8 slide presentation, showcasing your component selection and marketing strategy. Pitch to seasoned judges, honing critical thinking and problem-solving skills. StratEdgeX offers a platform for creative and strategic thinking, with valuable feedback from experienced judges.



PIXELLENSE

*Jadavpur University Photographic Club is thrilled to announce PixelLense, a mesmerizing photography event at Tech Fest Srijan! Get ready for a visual feast. As a talented shutterbug, showcase their creativity and skill. Click stunning pictures, showcase your aesthetic skillset and much more. So, what are you waiting for? Grab your camera and start capturing amazing shots.

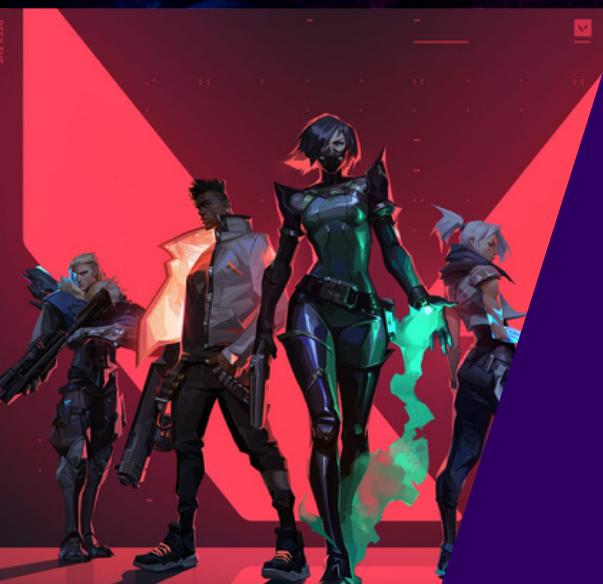


REEL-A-TION

Get ready to roll with "Reel-a-tion," the reel-making competition organized by Jadavpur University Photographic Club! Unleash your storytelling prowess through the lens and create cinematic wonders. Lights, camera, creativity – it's your time to shine!

GAMING EXPERIENCE ZONE

Step into a world where reality meets imagination at our Virtual Reality Experience, explore interactive VR games, and immerse yourself in immersive storytelling. Discover the latest gaming consoles and features at our Next-Gen Console Showcase, then unleash your gaming potential in our high-performance PC Gaming Arena, whether competing in esports tournaments or enjoying casual gameplay with friends.



SRIJAN'24 – VALORANT TOURNAMENT

Gear up for three days of intense Valorant action in our 5v5 LAN tournament, featuring 30+ teams battling for the championship. Experience the thrill of live competition as players go head-to-head in a LAN environment, showcasing precision, strategy, and teamwork. This is not just a tournament; it's a gaming spectacle where every kill and objective captured reverberates through the room. Join us for the ultimate Valorant showdown and witness the champions emerge in this high-stakes LAN event.

SRIJAN'24 – EAFC 24 TOURNAMENT

Dive into the heart of competition with our 1v1 EAFC 24 tournament. Over three days, witness the solo skills of participants as they engage in a fast-paced showdown. With strategic battles and precision moves, players vie for victory and the coveted championship title. This is the stage for individual excellence—be part of the excitement as esports mastery takes center stage in EAFC 24.

SRIJAN'24 – ROCKET LEAGUE TOURNAMENT

Experience the thrill of Rocket League in our 2v2 tournament. Over three dynamic days, teams of two will soar through the arena, showcasing teamwork, coordination, and precision ball control. The Rocket League 2v2 tournament promises a visual spectacle of acrobatics and goal-scoring finesse. Join us for an exhilarating competition where duos battle for supremacy and the championship title.



ROBOSOCCER

In this electrifying event, participants step into the arena, not as players themselves, but as masterminds behind powerful soccer-playing bots. The battleground is set for a clash of robotic titans, where participants showcase the prowess of their skillfully crafted bots. From building and coding to strategic planning, competitors unleash their technical brilliance to outplay opponents in a high-stakes robosoccer match. It's more than just a match; it's an assessment of engineering expertise and strategic insight on the path to triumph.

COLD CASE

Cold Case is an engaging mystery-solving event comprising two rounds, where participants take on the role of investigators. In each round, they receive a case study along with clues that they must carefully examine, comprehend, and decipher to solve the mystery. The intricate scenarios and clues lead participants on different paths, and their ability to crack the case with precision and speed determines their success. The event is a challenging game of cat and mouse, testing participants' investigative skills and deductive reasoning.

ESCAPE ROOM

Gear up for an exciting Escape Room challenge! Collaborate with your team to tackle a series of tricky puzzles, where each correct answer propels you closer to victory, while a wrong move takes you off the race. It's a thrilling journey of teamwork, quick minds, and loads of fun. Will your team conquer the maze and emerge as the ultimate puzzle masters? The adventure awaits!

BEAT THE MARKET

Join us for an exhilarating financial experience at 'Beat The Market', a real-time stock market simulation hosted on the Unstop platform. It is an online, single participation event that offers participants a unique opportunity to test their trading skills in a dynamic online environment. It is to be held on 22nd of March, Friday from 9:30 am to 3:30 pm. Engage in strategic decision-making, analyse market trends, and execute trades in this immersive simulation. Whether you are a seasoned investor or a budding enthusiast, 'Beat The Market' provides a platform to showcase your financial acumen. Embrace the challenge, compete against peers, and emerge victorious in this thrilling virtual trading competition. Don't miss the chance to test your market instincts and gain valuable insights.

GAME OF DRONES

"Game of Drones" is a thrilling multilevel competition featuring ProPulse and PowerPulse stages. In ProPulse, novice drone racers will form teams to navigate obstacles with precision and agility. The top 5 teams from this stage will qualify for the next round, and the top 3 teams will be acknowledged and rewarded with generous prize money. Following ProPulse, PowerPulse will be the subsequent stage of the competition, where the top 5 teams will get the chance to compete with professional drone racers. They will navigate meticulously designed obstacles with increasing difficulty. The participant with the fastest completion time will be crowned the winner and awarded handsome prize money.



QUIZ

"Inquizzitive" 2024, a JU tradition, is back! Hosted by JUQF, prelims offer 20 varied questions. Top 8 teams advance to finals, settled by starred questions in case of ties. Finals feature 3 rounds led by different QMs, maintaining pounce-bounce format and rules for incomplete answers. An intriguing special round awaits. Stay tuned for venue and prize updates. Join us for an exciting quizzing experience!

JUST- DEFY

Morph your deprecations into a healthy exchange of opinions, convey and converse to decisions, as Srijan'24 in collaboration with DebSoc brings forth Justdefy, a trilingual debate competition on Hindi, Bengali and English. Conducted in two rounds namely Prelims and Finals, a two day long event to test your power of airing your thoughts to the ultimate level. The motion would be released few hours before the event

TREASURE HUNT

Embark on an exhilarating quest through the labyrinthine corridors and hidden nooks of Jadavpur University's Salt lake Campus, at Srijan, our Techno-Management Fest, in search of the ultimate prize! Join forces with your team and decode cryptic clues scattered across the campus, leading you closer to the elusive treasure. From unravelling enigmatic riddles to navigating through thrilling challenges, every step brings you closer to victory.

With each clue cracked, you edge closer to the final treasure, where glory and rewards await the intrepid adventurers who dare to seek it.

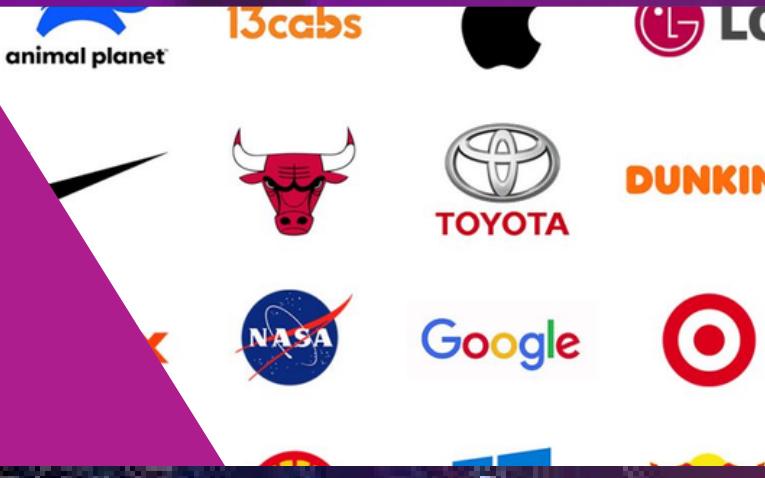
So gather your wits, rally your team, and embark on an unforgettable journey of discovery at the Srijan, Treasure Hunt. Will you be the ones to claim victory and unearth the hidden treasure? The adventure awaits!

Your time to burn the stage is drawing near !! Flood the area with your fountain of words !! Srijan '24 brings to you the platform to showcase your talent as a rapper !! Participate, and win exciting prizes as you wrap the audience with your rapping !!

Get ready to ignite the stage and steal the spotlight at Two Minutes to Fame, the most electrifying event at Srijan, Jadavpur University's Techno-Management Fest! With an audience eager to be wowed, this is your chance to unleash your talent and captivate hearts. From jaw-dropping performances to unforgettable acts, the stage is set for you to shine like never before. Plus, with prestigious titles, lucrative prizes, and industry accolades awaiting the winners, the stakes have never been higher. So, don't just dream of fame—seize the moment, make it yours, and let your talent shine bright at Two Minutes to Fame!

LOGOCITY

Are your lecture notes interjected with doodles? Do you have flair of translating your ideas into images? Do you think you can identify the most elusive logos whenever you see them? Wait no more! Srijan 2024 brings to you Logosity - where participants fire up their artistic geniuses and channel their aesthetic senses to craft the most impressive brand identities. Do you think you can capture your viewers with mere strokes of your pen? Then what are you waiting for? "Just do it!"



OPENAIMER

Welcome, fellow innovators, to the dawn of a new era in machine learning prowess. Prepare to embark on a journey where intellect meets ingenuity, where algorithms unveil the secrets of data, and where innovation knows no bounds. Behold, the stage is set for 'OpenAlmer,' where minds collide and brilliance shines bright like the core of a star. Let the contest begin, where the fusion of minds creates explosions of creativity! The event will consist of two rounds, Online Prelims (hosted on Kaggle) consisting of two tracks, Feature Selection and Puzzle Solving using AI, and an Offline Presentation Round.

HOMECOMING

Embark on a coding odyssey with Homecoming – the ultimate line follower bot race where your creation takes center stage! Will your bot decipher the maze, find the winning path without getting lost, and cross the line of limits faster than the other chasers? Homecoming is not just a race; it's a challenge to push boundaries and innovate. Unleash your creativity, race to victory, and make your bot the star of the show.

PASS THE BATON

'Life isn't a race. It's a relay.'

FETSU presents Srijan' 24 By Jadavpur University brings to you 'Pass the Baton', that requires not only coding skills but also proper understanding between team members. The name being a subtle giveaway, 'Pass the Baton' can be deemed as the relay race in the coding community, where coders take turn in solving the same problem. One match! Three Problems! Three of you! Don't forget to Pass The Baton, let's see if you play the odds or the man. Three of you! For it matters :)

Live Beatboxing

Cultural Nights

DJ Nights

Band Performance

comedy nights







THANK YOU

MAIL US AT

srijan.ju@jadavpuruniversity.in
srijan24.jadavpuruniversity@gmail.com

COME, VISIT US AT

Jadavpur University, Salt Lake
Campus, Plot No. 8, LB Block, Sector
III, Salt Lake City, Kolkata-700106

TO SEND YOUR AWESOME PIECE OF ADVICE OR SUGGESTION

GIVE A CALL

DIPAYAN BHATTACHARYYA - 7044 836127, ADIPTO - 62907 64395, JYOTISMAN SARKAR - 96743 18486

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