



In This Edition

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***In Loving Memory
of Our Visionary Leader***



Late Prof. (Dr.) Bodh Raj Mehta

Vice Chancellor, Jaypee Institute of Information Technology

The Torchbearer Who Ignited RIDE

“Some leaders build institutions, but a few build legacies. Prof. Bodh Raj Mehta was one such visionary whose ideas continue to guide and inspire generations

A Vision That Lives On

The RIDE Newsletter 2025 is dedicated to Late Prof. (Dr.) Bodh Raj Mehta, the beloved Vice Chancellor of Jaypee Institute of Information Technology, whose dream and leadership gave birth to the idea of RIDE (Research, Innovation, Development, and Entrepreneurship).

Prof. Mehta believed that education must go beyond classrooms. He envisioned an ecosystem where curiosity meets purpose, innovation meets opportunity, and students become creators of change. His vision for RIDE was not just about fostering startups or research; it was about empowering every young mind to think differently, to dream fearlessly, and to contribute meaningfully to the world.












A Tribute from the RIDE Family and Jaypee Edusphere





NEWSLETTER

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THE GROUP VICE CHANCELLOR



Shri. Manoj Gaur Ji

**Chancellor,
Jaypee Group**

Message

It gives me immense pride and pleasure to present the inaugural edition of the RIDE Annual Newsletter, a reflection of the vibrant innovation and entrepreneurial spirit thriving within the Jaypee Education System. RIDE (Research, Innovation, Development & Entrepreneurship) has emerged as a dynamic platform that empowers students, faculty, and innovators to transform ideas into impactful solutions for society.

At Jaypee Edusphere, we believe that education is not confined to classrooms and textbooks alone. It extends to nurturing curiosity, encouraging experimentation, and fostering the courage to explore the unknown.

Through RIDE, we are building an ecosystem where research meets real-world challenges, innovation fuels creativity, development drives transformation, and entrepreneurship becomes a natural extension of learning.

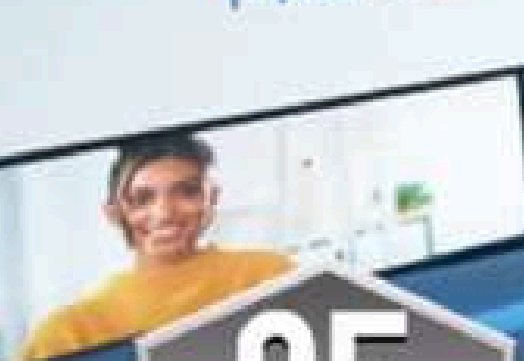
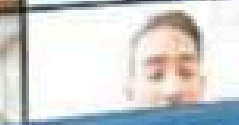
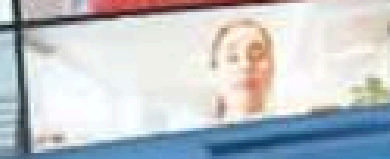
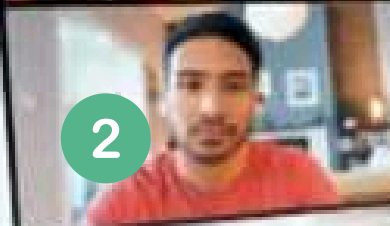
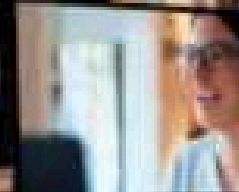
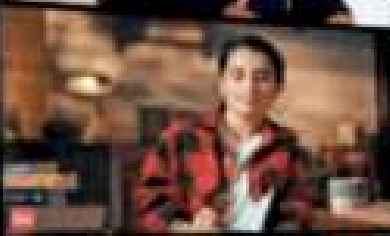
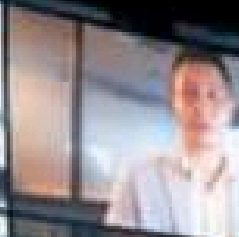
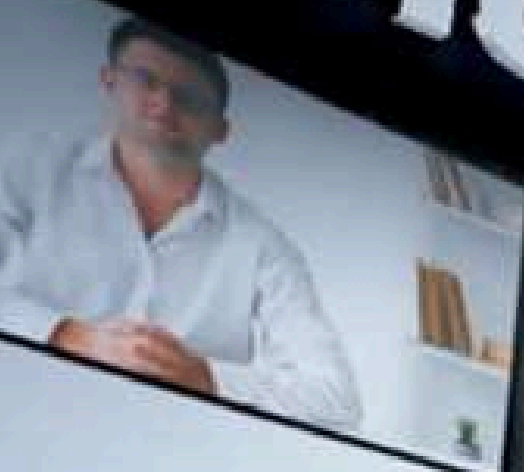
Over the year, RIDE has successfully inspired students and faculty to collaborate on projects of national and global relevance. From breakthrough prototypes to successful startup ventures, RIDE has become a launchpad for ideas that hold the potential to create meaningful change. It is heartening to see our students taking the lead in hackathons, innovation challenges, and interdisciplinary research, truly embodying the spirit of "Imagine. Innovate. Inspire."

I extend my appreciation to the entire RIDE team for their dedication and vision. Their efforts have created a strong foundation that aligns perfectly with the Jaypee Group's mission: to build a technologically empowered India through quality education and innovation.

As we move forward, I envision RIDE becoming a hub of excellence that not only supports innovation but also nurtures a culture of sustainable development and entrepreneurship across all Jaypee institutions. Together, let us continue this journey of discovery, creation, and growth for our students, for our nation, and for a better tomorrow



DIGITAL LEARN



JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY



jiit

विद्या तत्व ज्योतिसमः

25
YEARS
LEGACY

#INFORM

FROM THE DESK OF RIDE HEAD



Shri. Manu Bhaskar Gaur
Head, RIDE

It gives me great joy to share the first annual edition of the RIDE Newsletter, which highlights the growing culture of innovation, creativity, and entrepreneurship within the Jaypee Edusphere.

RIDE was created with the vision of building an ecosystem where new ideas are encouraged, innovation is celebrated, and young minds are guided to turn their concepts into reality. Over the past year, this vision has steadily taken shape. Our students and faculty have shown remarkable enthusiasm, leading projects that reflect both creativity and purpose. From research-based problem solving to startup ventures, RIDE has become a space where imagination meets real-world impact.

The main goal of RIDE is to provide the right support system for aspiring innovators, an environment that inspires learning by doing

Through mentoring sessions, hands-on training, and exposure to real challenges, we aim to nurture skills that go beyond classrooms. Events like RIDE Hack have become powerful platforms for students and entrepreneurs to explore, experiment, and express their ideas with confidence. What makes RIDE truly special is the people behind it; the innovators who think fearlessly, the mentors who encourage them at every step, and the teams who ensure that each event or project finds success. I sincerely thank all faculty members, innovators, and industry partners for their dedication and contribution to RIDE's journey. Your efforts have made this initiative a vibrant part of the Jaypee Edusphere.

Looking ahead, RIDE aims to expand its reach by encouraging more collaborative projects, promoting responsible innovation, and supporting sustainable ideas that make a difference to society. We want every student to see innovation not as a one-time event, but as a mindset that shapes their approach to life and learning. This newsletter is a celebration of creativity and commitment. I hope it inspires everyone to keep imagining, keep experimenting, and keep building solutions that matter.

ABOUT RIDE



RIDE is not a place, it's a movement of innovation at Jaypee Edusphere

At Jaypee Edusphere, innovation is more than an idea; it's a mindset. To encourage creativity, problem-solving, and entrepreneurial spirit, the institute created RIDE, which stands for Research, Innovation, Development and Entrepreneurship.

RIDE is at the heart of a vibrant innovation ecosystem. It provides guidance, resources, and mentorship to anyone with an innovative idea, a startup, or a company. Its aim is to help ideas grow into meaningful projects, products, and businesses, whether they come from students, faculty, or external innovators.

“Innovation begins with curiosity. RIDE helps turn curiosity into impact”

Why RIDE Exists

RIDE was established to give innovators a place to explore, experiment, and build their ideas into reality. It connects knowledge and creativity with real-world opportunities. Anyone with a promising idea can get mentorship, incubation support, and funding guidance to take their project to the next level.

By supporting both new startups and existing companies, RIDE creates an ecosystem where ideas can thrive, and innovators can learn, collaborate, and scale their ventures successfully.



THE FOUR PILLARS OF RIDE



Research



Innovation



Development



Entrepreneurship

RIDE is not a place, it's a movement of innovation at Jaypee Edusphere

Research

RIDE promotes research that leads to discovery and innovation. The innovators explore areas such as Artificial Intelligence, Machine Learning, IoT, Biotechnology, and Sustainable Technology. Their work often results in publications, patents, and solutions with social and commercial value.

Innovation

Every great idea deserves a chance to grow. Through hackathons and design challenges, RIDE gives innovators the opportunity to test and refine their ideas. The center provides mentors, tools, and spaces to help them move from concept to prototype.

Development

Turning ideas into reality requires practical skills and persistence. RIDE helps in design, develop, and improve the projects through access to labs, maker spaces, and hands-on workshops. The goal is to turn innovation into real impact.

Entrepreneurship

RIDE inspires to think like entrepreneurs. It provides startup incubation, mentorship, and guidance on business models, marketing, and fundraising. Many startups have taken shape under RIDE's guidance and have gone on to make a mark in their respective fields.



IMPACT, SUPPORT, AND THE FUTURE

RIDE IN ACTION



RIDE turns ideas into experiences, and experiences into success stories.

AI ON RIDE

A dedicated platform for AI-driven innovation, connecting students and researchers to real-world problems in areas like smart systems, data analytics, and automation.



FACILITIES AND SUPPORT

- Modern labs and co-working areas for prototype development
- Access to technical and business mentors
- Workshops on design thinking, product design, and innovation methods
- Support for patent filing, startup incubation, and funding opportunities

RIDE IN ACTION

15+

Startups

20+

Innovative
Projects

1000+

Students Engaged

Imagine. Innovate. Inspire. That's the spirit of RIDE.



YEAR IN REVIEW: KEY HIGHLIGHTS

A YEAR OF IDEAS, IMPACT, AND INNOVATION

The year 2024-25 was a remarkable journey for RIDE @ Jaypee Edusphere, filled with creative breakthroughs, entrepreneurial spirit, and collaborative success stories. From cutting-edge projects to impactful startups, every initiative reflected the core spirit of RIDE: imagine, innovate, and inspire.

MAJOR INITIATIVES AND PROGRAMS

1. RIDEHack'24 – The Innovation Marathon

RIDE Hack'24 brought together over 500 students from all four Jaypee Universities, showcasing innovation in AI, sustainability, and digital transformation. The event produced 20+ working prototypes, reflecting the spirit of creativity, teamwork, and real-world problem-solving.

2. Startup Incubation & Mentorship Drive

RIDE expanded its incubation ecosystem, welcoming several new student startups. Through mentorship sessions, business model workshops, and investor interactions, founders refined their ideas and prepared for market launch. A few startups even secured seed funding and external recognition for their innovation.



3. Industry and Institutional Collaborations

RIDE strengthened its innovation network through a significant collaboration with the Foundation for Innovation and Technology Transfer (FITT), IIT Delhi. This partnership aims to enhance startup incubation, technology transfer, and research commercialization.

“2024-25 was a year of ideas taking shape where curiosity turned into creativity, and creativity turned into impact.”

YEAR IN REVIEW: KEY HIGHLIGHTS

A YEAR OF IDEAS, IMPACT, AND INNOVATION

2024-25 was also a year of recognition and pride for RIDE and Jaypee Edusphere's innovation community.

INSTITUTIONAL RECOGNITIONS & ACHIEVEMENTS

RIDE recognized as an Emerging Innovation Hub

Acknowledged by leading innovation councils and startup networks for promoting a vibrant innovation culture within academia.

Student Startups on the Rise

Several student-led startups gained national recognition and funding through pitch events and incubation challenges.

Global Presence

RIDE innovators represented in startup summits, and innovation expos, showcasing their work on global platforms.



Infrastructure and Facilities Growth

To meet growing demand and creativity, RIDE expanded its infrastructure this year. The center now houses:

- ✓ Dedicated Innovation Labs for prototyping
- ✓ AI & Data Science Zone for high-end computational projects
- ✓ A modern Co-working & Ideation Space for team
- ✓ Access to fabrication labs, IoT kits, and hardware labs

“The future belongs to those who imagine and at RIDE, imagination never stops.”

STARTUP ECOSYSTEM

IDEAS. INNOVATION. IMPACT.

The past year was an inspiring one for the growing startup ecosystem under RIDE. The center continued to be a launchpad for innovators who are passionate about solving real-world problems through technology, creativity, and collaboration. RIDE has successfully created a space where ideas are nurtured, mentors guide with experience, and students learn by building. The result a new generation of changemakers ready to shape the future.

NEW STARTUPS INCUBATED DURING THE YEAR

This year, RIDE onboarded 15 new startups across emerging domains such as Artificial Intelligence, EdTech, HealthTech, and Sustainable Innovation.

Startup Name	Sector
Aanandam	Spiritual
AI Powered Scent	Fragrance Industry
LookTechAi	Beauty Industry
GenomeGeeks	Health
Tangle	Social Media/
EaseTraf	Traffic management
Trash2Treasure	Environment
College Scholar	Education
Novatri	Electronics
QuizMasters	Education Sector
PanicPop	Women Safety
Naap-Jhok	Fashion Industry
Irrigreat	Agricultural
Aaroh AI	Music/Dance/Singing
Notrex	eSports

MENTORSHIP AND GUIDANCE

Mentorship is at the heart of RIDE's startup ecosystem. Throughout the year, founders interacted with industry experts, successful entrepreneurs, and investors through structured mentoring programs.

Workshops were conducted on:

- Business model development
- Financial planning and investment readiness
- Product-market fit and scaling strategies

“Every startup at RIDE begins with a small spark and grows through shared learning and collaboration.”

GROWTH STORIES OF EXISTING STARTUPS

Company Name : Gratify Ventures Private Limited



Sidhant Singh
Founder



Shivansh Mahajan
Founder



Krish Monga
Founder

Revolutionizing Waste Management with Gratify Ventures

Gratify Ventures Private Limited is one of the pioneering startups under the RIDE program, leading a sustainability revolution through its innovative Smart Bin Startup. The company's mission is to transform waste management by promoting responsible disposal and environmental awareness across schools, offices, and public spaces.

The Smart Bin prototype developed by Gratify Ventures automates the entire waste segregation process. Users simply dispose of their waste, and advanced sensors and AI automatically sort items into recyclable, organic, and general categories. This innovation addresses one of the biggest challenges in waste management—inefficient and error-prone manual segregation.

Beyond automation, Gratify Ventures integrates incentives to encourage eco-friendly habits. Through a built-in QR code scanner, users can earn eco-points, discounts, or vouchers for responsible disposal. In schools, children receive fun rewards such as stickers or badges, turning sustainability into an engaging, educational experience.

Each Smart Bin also features a digital display for educational messages or advertisements and is IoT-enabled for real-time monitoring of fill levels and usage data. This allows municipal bodies and facility managers to optimize waste collection, reduce operational costs, and enhance sustainability tracking.

By combining technology, behavioral motivation, and environmental consciousness, Gratify Ventures is redefining how communities approach waste. Its Smart Bin system represents a powerful step toward a cleaner, greener, and smarter future, where sustainable living becomes both effortless and rewarding.

GROWTH STORIES OF EXISTING STARTUPS

Company Name : Brahmashira Technologies



Kriti Agrawal
Founder



Yogita Sharma
Founder



Nishu Tandon
Founder

Announcing Panic Pop: Enhancing Personal Safety with RIDE!

Panic Pop is a groundbreaking wearable emergency alarm system and one of the innovative startups supported by the RIDE program, designed to enhance personal safety—particularly for women. The device combines simplicity, reliability, and advanced security features to provide instant support in critical situations. Compact and discreet, Panic Pop can be attached to accessories such as bags, keychains, or clothing. It features a protective cover to prevent accidental activation and includes tamper-proof mechanisms, ensuring it can only be controlled by the user.

At its core, Panic Pop functions as an instant emergency alert system. When activated, it immediately transmits the user's location to the nearest police station, enabling rapid response. A major innovation lies in its dual-modem technology, which allows communication through both data and satellite modems. This ensures connectivity even in areas with limited or no mobile network coverage, making the device effective in both urban and remote settings.

Engineered for durability and convenience, Panic Pop is lightweight, portable, and designed to complement various lifestyles while remaining easily accessible. Its direct communication with emergency services eliminates the need for intermediary apps, ensuring faster and more reliable assistance.

Although initially created with women's safety in mind, Panic Pop serves anyone who may feel vulnerable—travelers, hikers, or individuals navigating unfamiliar areas. By merging modern communication technology with practical design, Panic Pop offers peace of mind, quick response, and true safety freedom in any environment.

GROWTH STORIES OF EXISTING STARTUPS

Company Name : Naapjhok Lifestyle Pvt Ltd



Mradul Bansal
Founder



Divyanshi Gupta
Founder



Sanidhya Nigam
Founder

Introducing NaapJhok Lifestyle Pvt. Ltd.: Stitching Happiness at Your Doorstep with RIDE!

NaapJhok Lifestyle Pvt. Ltd. is an innovative startup from the RIDE program that is redefining the world of formal wear through technology, craftsmanship, and inclusivity. The venture is transforming how custom-fit, professionally tailored clothing is designed, experienced, and delivered—making personalized fashion accessible to everyone from the comfort of their homes. Its vision is to create a future where style meets precision, and every individual, regardless of body type or gender, can enjoy perfectly fitted, empowering formal wear.

Finding the right fit in formal clothing remains a persistent challenge. Visiting a tailor is often inconvenient, while ready-made garments rarely provide the desired fit—especially for women seeking professional attire. NaapJhok bridges this gap by blending the art of traditional tailoring with digital convenience and doorstep service, ensuring a stress-free and premium experience.

Through its upcoming online platform, customers can easily book a tailor visit at their preferred time. A skilled local tailor then arrives to take precise measurements, after which the customer finalizes the design. NaapJhok's team crafts the chosen garment—whether a shirt, trouser, blazer, or full suit—and delivers it directly to the customer's doorstep.

Beyond personalization, NaapJhok is building a sustainable ecosystem for local tailors, connecting them to steady work and a wider audience while preserving traditional craftsmanship. With its focus on inclusivity, quality, and empowerment, NaapJhok Lifestyle stands at the intersection of tradition and innovation, making formal wear more personal, meaningful, and community-driven.

GROWTH STORIES OF EXISTING STARTUPS

Company Name : Flextraff Private Limited



ABHINAV JAIN
Founder

HIMANG BHATIA
Founder

YASHASVI ATTRI
Founder

TANNU
Founder

Revolutionizing Urban Mobility with a RIDE Startup: Introducing a Smart Traffic Management Solution!

Smart Urban Traffic Systems is a groundbreaking startup from the RIDE program focused on transforming urban mobility through intelligent and adaptive traffic management. Its mission is to reduce congestion, travel time, and emissions using real-time vehicle data and wireless communication technologies. The vision is to create cities with responsive, data-driven systems that improve mobility, safety, and sustainability through affordable and scalable innovation.

Traffic congestion remains a major issue, especially in India, where outdated traffic lights run on static timers that ignore actual vehicle density. This leads to long waiting times, wasted fuel, and increased pollution. Emergency vehicles are often delayed, and existing systems provide limited data for city planning.

The startup's adaptive traffic solution tackles these challenges through advanced sensing and automation. Sensors with directional antennas are installed about six to eight meters above each lane and one kilometer before every junction. They detect and count vehicles, sending data to a central server at the traffic signal. A real-time algorithm then calculates optimal signal durations based on vehicle density and priority rules, instantly updating the lights.

Powered by solar panels and batteries, the system is energy-efficient, modular, and scalable. It reduces wait times, enhances fuel efficiency, and improves access for emergency vehicles. By combining IoT, automation, and sustainability, Smart Urban Traffic Systems is building smarter, cleaner, and more efficient cities for the future.

GROWTH STORIES OF EXISTING STARTUPS

Company Name : Tangle Connect Pvt Ltd.



Dev Singh
Founder



Aryan Singla
Founder

Introducing Tangle: Fostering Stronger Communities within RIDE!

Tangle is an innovative startup from the RIDE program dedicated to transforming residential living by building stronger, more connected communities. Its mission is to empower residents to socialize, collaborate, and actively participate within their societies, eliminating the awkwardness and barriers that often prevent neighbors from connecting. Tangle envisions a future where residential complexes become vibrant ecosystems of friendships, shared experiences, and collective engagement rather than just places to live.

The platform addresses a widespread issue in modern urban living—despite physical proximity, residents in Indian housing societies rarely know one another. Existing tools like WhatsApp groups are cluttered, impersonal, and poorly suited to nurturing meaningful relationships. Tangle provides a dedicated, mobile-first social networking and utility app that serves as the digital backbone of residential communities, making interactions simple, structured, and enjoyable.

The Tangle prototype activates after verifying residency, granting users access to a gamified community interface filled with engaging features. The Social Feed and Profiles enable users to share updates and connect through shared interests. A Buddy System, based on swipe-style matching, helps discover like-minded neighbors for friendships, collaborations, or sports. Events and Groups allow members to host or join activities and clubs, while Clubhouse and Resource Booking ensures smooth scheduling of shared spaces. Additional tools like Polls and Announcements streamline communication, and the Local Deals & Services section supports hyperlocal businesses and resident entrepreneurs.

By combining community engagement, smart design, and gamification, Tangle is redefining how people connect within their living spaces—creating lively, inclusive, and collaborative residential environments.

GROWTH STORIES OF EXISTING STARTUPS

Company Name : AromaIQ Private Limited



Ayush Raj
Founder



Daksh Sharma
Founder

Discover Aroma IQ: Reimagining Scent Through Smart Experiences with RIDE!

Aroma IQ is an innovative startup from the RIDE program exploring a simple yet powerful question — what if scent could be smarter? The team envisions a world where fragrance becomes a seamless part of daily life, subtly enhancing moods, improving spaces, and creating deeper sensory connections. Their mission is to bring intelligence and personalization to scent delivery, transforming how people and places experience aroma.

Most diffusers today are basic—users plug them in, select a scent, and let it run. Aroma IQ recognizes the missed potential in this simplicity. Whether it's an individual seeking relaxation after a long day or a café striving for consistent ambiance, traditional systems lack adaptability and intelligence. In an increasingly connected world, scent remains one of the few experiences untouched by smart technology.

To address this, Aroma IQ has developed an early working prototype that allows users to control multiple diffusers through a web-based interface, eliminating the need for manual operation. The system offers a glimpse into the future of scent technology—wireless, responsive, and ambient, seamlessly integrating into everyday environments.

Currently, the team is focused on refining their concept, experimenting with components and interactions to determine what feels most natural and effective. The goal is to create a setup that understands user preferences, adapts to context, and operates effortlessly in the background.

Looking ahead, Aroma IQ aims to redefine how scent fits into modern life, enhancing comfort, focus, and emotional well-being through intelligent design. This visionary approach has the potential to quietly elevate everyday experiences—making every space feel more alive, balanced, and personal.

GROWTH STORIES OF EXISTING STARTUPS

Company Name : Glam Ai Private Limited



Nitish Sharma
Founder

Introducing Glancia AI: Your Personal Stylist, Powered by RIDE!

Glancia AI is a cutting-edge startup from the RIDE program that is transforming personal styling through artificial intelligence. Its mission is to empower individuals with personalized grooming and styling experiences, using AI to recommend the most suitable hairstyles, beard styles, and makeup looks based on each person's unique facial features and preferences. Glancia AI envisions a future where expert-level styling guidance is available to everyone directly from their smartphone, making confidence and self-expression more accessible than ever.

The platform addresses a widespread problem—choosing the right hairstyle, beard, or makeup often involves frustrating trial and error. Generic online suggestions rarely fit individual needs, while salon consultations can be costly and time-consuming. Glancia AI solves this challenge by delivering a personalized AI styling assistant that fits in every user's pocket.

The Glancia AI mobile app uses advanced facial recognition and machine learning algorithms to analyze face shape, skin tone, and key facial features from a selfie or camera scan. Based on this analysis, it provides curated styling recommendations tailored to each user. With augmented reality (AR) try-ons, users can preview hairstyles, beard trims, or makeup looks in real time before making a decision. Customization options allow adjustments according to mood, event, or personal preference. By combining AI precision with real-time visualization, Glancia AI eliminates guesswork from grooming decisions. It helps users feel confident, make smarter choices, and embrace their best look effortlessly. Backed by RIDE, Glancia AI is redefining personal styling for the digital age.

GROWTH STORIES OF EXISTING STARTUPS

Company Name : Notrex Creatives Private Limited



Vansh Sharma
Founder

Level Up with Notrex Creatives Private Limited: A RIDE Startup!

Notrex Creatives Private Limited is a dynamic startup from the RIDE program, poised to transform the gaming and esports landscape. Its mission is to create a unified platform that empowers gamers, esports athletes, and content creators by providing opportunities, resources, and a supportive community. The company bridges the gap between passion and profession, enabling individuals to turn gaming into a viable career through innovation, inclusivity, and collaboration.

Notrex Creatives envisions becoming a global hub where creativity meets competition, offering equal opportunities for aspiring talents from all backgrounds to shine, compete, and create. The startup seeks to nurture a culture of learning, growth, and excellence across gaming and digital content creation.

The platform addresses a critical gap in the current ecosystem—many talented gamers and creators struggle to find structured support, visibility, and monetization opportunities. Notrex Creatives solves this by integrating tournaments, training, and content creation into one seamless ecosystem designed to promote professional growth and accessibility.

The unified digital platform operates across three key verticals. The Gaming Arena hosts online tournaments with automated matchmaking, score tracking, and leaderboards, enabling players to earn rankings, rewards, and sponsorships. The Esports Academy offers structured training programs, tutorials, and personalized performance assessments by certified coaches. The Creator Studio empowers content creators with tools for video uploads, live streaming, editing, collaboration, and monetization.

By combining competition, creativity, and career-building opportunities, Notrex Creatives is redefining the future of digital entertainment—making gaming a sustainable and empowering profession for the next generation.

GROWTH STORIES OF EXISTING STARTUPS

Company Name : Quizera AI Private Limited



Jatin Agrawal
Founder

Empowering Education with QuizeraAI!

QuizeraAI is an innovative edtech startup from the RIDE program that is redefining how students learn and practice. Its mission is to make learning easy, smart, and accessible for every student, particularly those in villages and small towns. The platform empowers learners to prepare for exams using their own notes, eliminating the need for costly coaching or excessive study time. Its vision is to become a trusted “smart study companion” for every student.

QuizeraAI addresses a major gap in education—many students have notes but lack quality practice questions, while teachers often struggle to create test papers repeatedly. Moreover, most existing quiz platforms cater only to English-medium students, leaving Hindi-medium learners at a disadvantage. QuizeraAI bridges this divide by enabling quiz creation in both Hindi and English, directly from a student’s own material.

The QuizeraAI prototype functions in three intelligent steps. Students first upload a file or photo of their notes or textbook content. The system then uses OCR (Tesseract) to extract text and Natural Language Processing (NLP) with spaCy to analyze the material and identify key concepts. Finally, users select the question type—MCQs, short answers, or important questions—and the platform automatically generates a personalized quiz based on the uploaded content.

By combining AI, NLP, and bilingual accessibility, QuizeraAI personalizes practice for students of all backgrounds. It offers a smart, efficient, and inclusive solution that transforms how students engage with their learning materials and prepare for exams.

GROWTH STORIES OF EXISTING STARTUPS

Company Name: Irrigreat Agri Solutions Private Limited



Ojaswini Sharma
Founder



Prakhar Sharma
Founder

IrriGreat is on a mission to revolutionize plant care through cutting-edge technology that automates and optimizes irrigation, gardening, and farming. Its vision is to empower households, particularly in Tier 1 and Tier 2 cities, with a smart, sustainable, and effortless plant care system that conserves water, time, and energy. The idea was born from a personal experience when the co-founders saw their mothers struggle to maintain home gardens due to busy schedules and health constraints. This inspired the creation of a solution that ensures plants are nurtured consistently, even in the caretaker's absence.

The IrriGreat prototype integrates Internet of Things (IoT) sensors and Machine Learning (ML) algorithms to deliver precise irrigation based on real-time environmental data. Moisture sensors monitor soil conditions, while temperature and humidity sensors track atmospheric changes. An ML model analyzes this data, along with weather forecasts and historical patterns, to predict watering needs. When required, the system automatically activates a drip irrigation pump, ensuring optimal water delivery.

All sensor data is securely stored in DynamoDB and visualized through a Vercel-hosted dashboard, enabling users to remotely monitor and control their irrigation systems. The solution directly addresses inefficiencies in traditional watering methods and the lack of accessible plant care knowledge. Its solar-powered, data-driven irrigation system minimizes both overwatering and underwatering, reducing water waste, improving soil health, and enhancing crop yields.

By combining IoT precision, ML intelligence, and sustainability, IrriGreat contributes to water conservation, environmental protection, and improved agricultural efficiency. Future plans include scaling the system for urban farming, rooftop gardens, and large-scale agriculture, making IrriGreat a vital step toward a greener, smarter, and more sustainable planet.

GROWTH STORIES OF EXISTING STARTUPS

Company Name: Novatri Digital Integrated Circuits and Electronics Private Limited



Dhruv Bal Dikshit & Preyerna Srivastava
Founder

Novatri Digital Integrated Circuits and Electronics Private Limited was founded after winning RideHack 2024, an entrepreneurship-focused hackathon. The startup emerged from a key realization that existing tools for testing and verifying integrated circuits (ICs) are often unreliable, costly, and inaccessible—particularly for students, educators, and small-scale innovators. Its mission is to design next-generation electronics lab equipment that is affordable, intelligent, and user-friendly, empowering individuals and institutions to learn, experiment, and innovate with confidence.

The company's first innovation, a Digital IC Tester, marks an important step toward this vision. Unlike conventional testers, the prototype delivers faster operation, higher accuracy, and a more cost-effective design. Engineered for modularity, it currently supports a limited set of ICs but can easily expand in future versions. What distinguishes this solution is its built-in intelligence—it provides detailed diagnostic feedback rather than a simple pass/fail result, enabling users to identify faults and understand their causes.

At the core of the system lies the STM32 ARM microcontroller, selected for its speed, flexibility, and scalability. This foundation ensures reliable performance while supporting continuous innovation and customization. Future iterations aim to offer variants tailored for different needs, including educational institutes, R&D labs, and production environments.

Novatri's vision is to make electronics testing portable, smart, and accessible. By bridging the gap between affordability and functionality, the company seeks to democratize electronics innovation, empowering learners, hobbyists, and engineers alike to explore, test, and build with precision and confidence.

GROWTH STORIES OF EXISTING STARTUPS

Company Name: Biocanvas Private Limited



Priyanshi Grover
Founder



Alisha Chadha
Founder

Biocanvas Private Limited is a next-generation healthcare startup focused on delivering truly personalized medicine by integrating pharmacogenomics, machine learning, and nutrigenomics. Its mission is to provide accurate precision medication analysis that tailors healthcare to each individual's genetic makeup. At its core, the platform studies how a person's DNA interacts with different drugs to determine the safest and most effective treatment options, reducing adverse reactions and moving beyond the traditional one-size-fits-all approach in healthcare.

In addition to personalized medication analysis, Biocanvas utilizes genetic insights and biomarker data to recommend customized nutrition plans. These DNA-based dietary recommendations support disease prevention, gut health, and optimal nutrition, offering a holistic approach to well-being.

The vision of Biocanvas is to transform modern healthcare through the power of precision medicine. It addresses the limitations of generalized treatments by leveraging genetic understanding to predict drug efficacy and safety for each individual. Through the integration of advanced machine learning models, the platform continuously refines its recommendations, identifying complex genetic and clinical patterns that enhance diagnostic accuracy and therapeutic outcomes.

By merging personalized medicine with DNA-guided nutrition, Biocanvas is building a unified ecosystem for tailored wellness and smarter healthcare decisions. The startup aims to make precision healthcare more accessible and data-driven, ensuring that every patient receives treatment optimized for their unique biology.

GROWTH STORIES OF EXISTING STARTUPS

Company Name: Adwicorp Services Private Limited



Adwicorp Services Private Limited, founded by Divyansh Goel, is an emerging digital platform focused on promoting spiritual well-being and cultural engagement. The company is building a multilingual mobile and web-based ecosystem that seamlessly integrates devotional content, mantras, and festival insights, bridging the gap between tradition and technology.

Adwicorp enhances the spiritual journey of every user through personalized features such as custom notifications, prayer reminders, temple collaborations, and an interactive social community. Users can explore regional and language-specific content, participate in spiritual discussions, and subscribe to premium offerings that enrich their devotional experience.

The platform is built on a strong technical foundation using Infrastructure as Code (IaC), ensuring scalability, smooth deployment, and adaptability to evolving user needs. Integrated in-app purchases and subscription models make it easier for users to access advanced features while supporting long-term platform sustainability.

By combining technology with cultural authenticity, Adwicorp aims to make spirituality more accessible, interactive, and inclusive for today's digital generation. It serves as a modern companion for individuals seeking to connect with their faith and traditions, while celebrating and preserving India's diverse cultural heritage in the digital era.



GROWTH STORIES OF EXISTING STARTUPS

Company Name: Eduniquet and Scholars Private Limited



College Scholar— Global Higher Education Platform

College Scholar is a comprehensive global platform that simplifies access to higher education opportunities for students. It serves as a single, unified hub where students can search for scholarships and apply to colleges worldwide, eliminating the need to browse multiple websites or manage several portals. Traditionally, students have had to switch between various scholarship databases, college application systems, and government sites just to explore or apply for international programs. College Scholar removes this complexity by bringing everything together in one seamless platform.

The platform's key features include a centralized scholarship database that compiles opportunities from around the world, making discovery effortless. Its unified application system allows students to apply to multiple universities and scholarships through a single, standardized process. With personalized matching and alerts, students receive recommendations tailored to their academic profile, interests, and eligibility, ensuring that they never miss out on relevant opportunities. Moreover, its global reach opens access to universities and funding options across continents, helping students expand their horizons beyond local boundaries.

By reducing barriers of access, time, and confusion, College Scholar empowers ambitious learners—especially those from underserved regions—to pursue their educational dreams confidently. More than just a digital platform, it acts as a global launchpad for the next generation of scholars. With College Scholar, applying to leading universities and securing scholarships becomes easier, smarter, and more inclusive than ever before.

GROWTH STORIES OF EXISTING STARTUPS

Company Name: Aaroh AI Private Limited



Devojeet, Ujjwal Tiwari, Nisha Choudhary, Dushyant Meena, Vineet Bhardwaj
Founder

Aaroh AI makes music learning accessible, personalized, and enjoyable for everyone, especially those without access to professional tutors. Learning an instrument should not require expensive lessons or rigid schedules. The platform enables casual learners to play their favorite songs at their own pace, from anywhere.

The vision of Aaroh AI is to be an intuitive digital companion for instrumental learners, starting with guitar. It imagines a world where anyone can pick up a guitar, strum a chord, and receive real-time feedback like having a personal tutor. Using AI-powered tools that adapt to individual learning styles, Aaroh democratizes music education and brings personalized training to all.

Many beginner guitarists, particularly in India, rely on YouTube tutorials that lack real-time feedback and progress tracking. Learners often struggle to stay motivated or assess their improvement. Aaroh AI addresses this gap through a web-based platform that acts as a personalized music playground.

Users can upload or link any song, and the system applies AI-driven audio analysis to extract chords, create a play-along layout, and monitor live guitar input. Each strum is analyzed instantly, providing feedback such as “Spot on” or “Off Beat,” helping users correct mistakes and stay engaged.

A built-in progress tracker visualizes growth over sessions, making practice rewarding. The interface is clean and beginner-friendly, ideal for those focused on enjoyment rather than theory. Aaroh acts as an adaptive practice partner that listens, learns, and evolves with every session.

The current goal is to build an MVP featuring chord detection and real-time feedback to refine the experience and make guitar learning fun, flexible, and motivating for all.



FUNDING, MENTORSHIP, AND INCUBATION OUTCOMES

RIDE’s incubation and funding support have yielded tangible results this year. Several startups received grants, angel funding, or pre-seed investments. RIDE’s mentor network, coupled with its collaboration with FITT, IIT Delhi, opened access to national innovation programs, helping startups reach wider markets and funding channels.

KEY OUTCOMES 2024-25

Category	Achievement
Startups Incubated	5
Startups Funded	15
Startups Graduated	0
Mentors Engaged	11

THE ROAD AHEAD

The startup ecosystem at RIDE continues to expand with a focus on AI, sustainability, digital health, and education technology.

In 2025-26, RIDE aims to introduce a “**Student Startup Acceleration Track**” to help early-stage ventures grow faster through funding, mentoring, and prototype grants. Plans are also underway to organize the RIDE Startup Expo, where innovators from all Jaypee Universities will showcase their products to investors and industry partners.



“Innovation is not a one-time event; it’s a journey. At RIDE, every idea finds the space to grow, fail, learn, and succeed.”

MAJOR EVENTS & INITIATIVES



RIDE Hack'24 – The Innovation Marathon

RIDE HACK'24 is a prestigious hackathon, organized by the RIDE at Jaypee Institute of Information Technology (JIIT), Noida to foster innovation and entrepreneurship among students. It is structured in multiple phases to encourage participants to develop innovative solutions and actionable business ideas. The event showcases groundbreaking solutions and entrepreneurial spirit from talented students across four Jaypee Universities.

“RIDE Hack'24 wasn't just a competition, it was a celebration of creativity, teamwork, and limitless thinking.”

The journey began with the 'IDEA' phase, held across all the Jaypee University campuses, where 140 teams comprising over 400 students showcased their unique ideas. During the 'PROPOSAL' phase, held centrally at JIIT Noida on September 28–29, 2024, 100 shortlisted teams presented detailed proposals reviewed by a selection committee. From these, 60 promising teams advanced to the final phase, where they are going to present comprehensive technical plans, business strategies, and investment requirements in front of evaluation panels, comprising top industry leaders on 23 November 2024. The panel identified 20 exceptional teams who were eligible for funding, with grants ranging up to ₹25 lakhs, based on the strength of their proposals.



GLIMPSES OF RIDE HACK'24



GLIMPSES OF RIDE HACK'24



GLIMPSES OF RIDE HACK'24



GLIMPSES OF RIDE HACK'24



MAJOR EVENTS & INITIATIVES



INNOVATE TO EXCEL - NATIONAL LEVEL SUMMIT

A vibrant wave of innovation and creativity swept across JUIT as the university hosted the main day of Innovate to Excel – 2025 from May 02-04, 2025. The event was organized by the institution’s Innovation Council (IIC) in collaboration with ACM, IEEE, TIEDC, SIAM, CSA, Enkindle, ICP, CEC, and TMP-JYC, brought students together to explore technology, entrepreneurship, and problem-solving through a series of competitive and collaborative events. The event witnessed enthusiastic participation from over 55 students representing various universities across Northern India (JIIT Noida, JU Anoopshar, Government Polytechnic College Kandaghat, UIET Kurukshetra, JUITW), transforming the campus into a hub of intercollegiate collaboration and talent exchange.

The morning began with high-intensity competitions, including Hacking Hills, a 24-hour hackathon where students coded through the clock to develop real-world tech solutions, and Hard-Wired, a hardware integration challenge that tested engineering innovation and application. The inaugural ceremony set the tone for a day filled with energy, insight, and engagement. Adding a creative dimension to the day, students participated in Lenscape,

a photography competition capturing moments of campus life. A keynote session was delivered by Dr. Surender Singh Saini, Senior Principal Scientist at ISTC-CSIO, Chandigarh, who shared compelling perspectives on international research collaboration and the role of youth in driving technological progress.



Meanwhile, other competitions, such as a tower-building challenge for civil engineering enthusiasts sparked engagement and excitement. In the afternoon, a power-packed panel discussion featuring professionals like Mr. EKANT AGARWAL , Mr. Amit Madaan , Mr. Hitesh Gulati, and Mr. Anmol Raj Singh Jamwal offered deep insights into entrepreneurship, funding, and the journey of building a startup. Selected students then took part in The Boardroom, where they pitched their ideas directly to the panel in a realistic startup-meet simulation.



MAJOR EVENTS & INITIATIVES

Visit of Hon'ble Manoj Gaur Ji at Jaypee University of Information Technology (JUIT), Waknaghat



Hon'ble Manoj Gaur Ji, Pro-Chancellor JUIT and Sh. Manu Gaur Ji CEO JUIT visited campus from March 25 to 28, 2025. A key highlight of their visit was an interactive session with students who showcased their innovative projects across various disciplines on March 25, 2025.

The event emerged as a premier innovation and technology expo, bringing together startups, and students under one roof to explore the future of technology. Designed to foster a culture of innovation, collaboration, and problem-solving, the event served as a dynamic platform to showcase advancements across a spectrum of fields, including software development, artificial intelligence (AI), Internet of Things (IoT), sustainability solutions, and cybersecurity.

Participants exhibited working prototypes and live demonstrations of their innovations. Hon'ble sir and CEO sir appreciated their creativity, problem-solving approach, and commitment to practical learning, encouraging them to continue striving for excellence and societal impact.



INDUSTRY COLLABORATIONS & PARTNERSHIPS

Building Bridges Between Innovation Ecosystems

Innovation grows stronger when ideas connect, institutions collaborate, and opportunities are shared. In 2025, RIDE @ JIIT Innovation Hub took a major step toward advancing this vision through a landmark partnership with the **Foundation for Innovation and Technology Transfer (FITT), IIT Delhi**

A PATHBREAKING MOU FOR JOINT INCUBATION

RIDE signed a Memorandum of Understanding (MoU) with FITT, the Innovation Hub of IIT Delhi, for joint incubation and mentorship of startups.



“This initiative is a bridge between two innovation ecosystems — allowing startups from JIIT and IIT Delhi to learn, grow, and build together.”



Key Highlights of the Collaboration

- Joint Incubation Programs
- Access to Shared Infrastructure
- Cross-Mentorship Support
- Collaborative Research and Product Development
- Networking and Funding Opportunities

INFRASTRUCTURE & FACILITIES @ RIDE

Where Ideas Meet Possibilities



Innovation Labs & Maker Spaces

- AI & Machine Learning Lab
- IoT and Embedded Systems Lab
- VLSI Design & Simulation Lab
- Molecular Biology & Genetic Engineering Lab

“Every lab at RIDE is a playground for ideas; a place where students learn by building.”

Co-working and Incubation Spaces

RIDE offers a modern co-working and incubation facility for startups

- Dedicated workstations and meeting rooms
- High-speed connectivity
- Access to RIDE’s mentor network and investor community
- Regular workshops on business planning, pitching, and design thinking

Access & Support

The RIDE support team helps innovators with:

- Lab access and scheduling
- Technical guidance and prototype support
- Patent filing and documentation assistance
- Connections to startup mentors and funding sources

AI on RIDE

The AI on RIDE hub is a specialized facility promoting artificial intelligence–based innovation.

- Access to Supercomputer
- Collaborative AI projects in health, agriculture, and sustainability
- Industry mentorship programs with AI experts

RIDE ON SOCIAL MEDIA

Connecting Ideas. Inspiring Innovation.

Research, Innovation, Development and Entrepreneurship, RIDE Innovation Hub of JIIT is organizing a Master Class by an eminent Investor and Innovator, Mr. Shrenik Kenia who has vast experience of working with Celestia Capital and Head of ESG fund at JSW. He will give startup tips to young JIIT student entrepreneurs. All JIIT students and faculty are invited to attend the Master Class at 11 AM on 23 Oct 2024 at JIIT. 60 JIIT start up teams are pitching for funds upto Rs 25 Lakh per team in the final round of RIDE HACK 24.

Jaypee Institute Of Information Technology
Shrenik K.

Jaypee Institute of Information Technology, Noida

Invited Speaker
Shrenik Kenia

RIDE HACK '24

BUILD YOUR OWN STARTUP

22nd OCTOBER 2024
11 AM - 12:30 PM

RIDE HACK '24 STARTUP MASTER CLASS

JIIT hosted RIDE HACK 24 in which 400 students from Jaypee Universities participated.
21 teams with a combined investment of about Rs 1 Crore will ...more

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA
RESEARCH INNOVATION DEVELOPMENT & ENTREPRENEURSHIP (RIDE)

RIDE HACK '24

PARTICIPATION:

- 500 Students
- 4 Universities (JIIT, JUIT, JUET, JU)

SELECTION:

- Applications Received : 209
- Idea Round : 60 Teams
- Funding Round : 21 Teams

FUNDING

21 Startups received combined funding of
~ ₹1 Crore

JUDGES AND MENTORS

KRITI GUPTA Vice President, Peak XV Partners	RAMAN CHANDNA Head of Fund Management, Grip Invest	SUKHMANI BEDI Partner, Orios Venture Partners	VYUSHITA SAHAY Investment Professional, Khazanah Nasional Berhad	NEHA MALHOTRA Founder & Managing Partner, MeritX Ventures

FOR MORE DETAILS VISIT : WWW.JIIT.AC.IN @JIIT.OFFICIAL A-10, SECTOR 62 NOIDA - 201309 (UP)

JIIT Innovation Hub (RIDE) signed MoU with FITT (Innovation Hub of IITD) for joint Incubation of startups. It is a pathbreaking initiative led by Mr Manu Bhaskar Gaur, CEO. Under this initiatives startups initiated at both ...more



UPCOMING INITIATIVES @ RIDE

Igniting the Next Wave of Innovation

As RIDE steps into a new year, the vision grows stronger to make innovation a habit and entrepreneurship a way of life at Jaypee Edusphere.

The coming year will see a series of new initiatives that expand RIDE's reach, deepen collaborations, and bring more opportunities for students, startups, and researchers.

RIDEHack'25

A global hackathon, bringing together startups, investors, and industries from across the Jaypee Edusphere and beyond.

RIDE Startup Expo

A grand showcase of innovation and entrepreneurship which includes Product demos and startup pitches, Industry interaction booths, Networking sessions with investors, incubators, and policymakers

RIDE Mentorship & Alumni Network

RIDE will formally launch a digital mentorship platform connecting alumni entrepreneurs, industry leaders, and student innovators

The Road Ahead

RIDE's vision and beyond is to make innovation inclusive, interdisciplinary, and impactful.

By expanding partnerships, supporting more startups, and integrating research with entrepreneurship, RIDE continues to shape a future where ideas truly transform lives.

“The next chapter of RIDE isn't just about what we build, it's about who we empower.”



ACKNOWLEDGMENTS & RIDE TEAM

Together, We Make Innovation Happen

“Innovation is a team journey and RIDE is proud of every mind that makes it move forward.”

Leadership & Vision

Mr. Manu Bhaskar Gaur

Chief Executive Officer, RIDE

His continued guidance inspires the RIDE community to think boldly and act with purpose.



RIDE Core Team

Mr. Manu Bhaskar Gaur

CEO, RIDE



Mr. Janam Mehta

VC in JSW Ventures



Prof. Mukesh Saraswat

Associate Dean (Innovation)

Jaypee Institute of Information
Technology, Noida, India



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