



**RVS COLLEGE OF
ENGINEERING AND TECHNOLOGY**
JAMSHEDPUR, JHARKHAND
Approved by AICTE, New Delhi. Affiliated to Jharkhand University of Technology, Jharkhand.



HELIX
TECH & AI CLUB OF RVSCET

the
manifest

The Official YearBook of Helix | 2025 - 2026



the
manifest

The Official YearBook of Helix | 2025 - 2026

HELIX

TECH & AI CLUB OF RVSCET

SEE WHAT WE'VE BUILT



RVS College of Engineering and
Technology, Jamshedpur.



Built at RVSCET. Powered by HELIX

THE PATRON



Mr. Binda Singh

Chairman, RVSCET

"When I established the **RVS Educational Trust** in 2002, the founding vision was to create an institution that would not merely award degrees, but would serve as a crucible for the nation's future builders. We envisioned a campus where technical education went beyond the four walls of a classroom, where innovation was a culture, and excellence was a habit. Today, as I witness the phenomenal rise of Helix in its very first year, I see that vision coming to life in its truest form.

In the rapidly changing landscape of the 21st century, technology is the language of progress. **Helix - The Tech & AI Club** has emerged as the torchbearer of this progress at RVSCET. It gives me immense satisfaction to observe how this club has transformed from a nascent initiative into a robust ecosystem that nurtures talent, leadership, and creativity.

The achievements of the past year have been nothing short of historic. The successful organization of **HackQubit**, a **national-level 24-hour hackathon**, demonstrated that our students possess the management capability to host large-scale events that rival top-tier institutions. Furthermore, the strategic partnership with **Google Developer Groups (GDG) Ranchi** has placed our college on the global map of developer communities, opening doors for our students that were previously unimaginable.

I am particularly proud of the college's first-ever entry into the **Smart India Hackathon (SIH) 2025 Grand Finale**. Seeing our students compete with the best minds in the country and solve real-world problems proves that the talent at RVSCET is second to none. These victories are not just trophies; they are proof that we are moving in the right direction.

I would like to extend my heartiest congratulations to the faculty mentors, especially **Prof. Deepak Kumar Tiwari**, and the student leadership team for their relentless dedication. You have built a foundation that will inspire generations of students to come. The management stands firmly committed to supporting such endeavors. I urge every member of Helix to continue dreaming big, innovating fearlessly, and bringing laurels to our institution."

THE ADMINISTRATOR



Mr. Bharat Singh

Secretary, RVS Educational Trust

"As the Secretary of the **RVS Educational Trust**, my primary focus has always been to ensure that our institutions, **RVSCET** and **RVS Academy**, provide an environment that fosters holistic growth and academic rigor. We believe that true education extends beyond textbooks; it lies in the ability to apply knowledge to solve real-world challenges. It gives me immense pleasure to see **Helix - The Tech & AI Club** embodying this philosophy with such excellence in its very first year.

The rapid trajectory of Helix has been a source of great pride for the administration. Watching the club seamlessly bridge the gap between academic theory and industry application is commendable. The milestones achieved this year are not merely events; they are indicators of the high standards of education and leadership we cultivate at RVSCET.

I was deeply impressed by the execution of **HackQubit**. Hosting a 24-hour national-level hackathon requires meticulous planning, resource management, and teamwork, skills that are essential for any future leader. Furthermore, the club's strategic alliance with **Google Developer Groups (GDG)** Ranchi has brought global best practices to our doorstep, enriching the learning experience for every student involved.

The historic achievement of **Team CodeXtream** reaching the **Smart India Hackathon (SIH) 2025 Grand Finale** is a clear signal that our students are ready to compete on the biggest stages. It validates our efforts to provide the best infrastructure and opportunities for technical growth.

I extend my heartfelt congratulations to the faculty mentors and the student core team for their tireless efforts. The **RVS Educational Trust** remains fully committed to supporting Helix in its future endeavors. We look forward to seeing you compile even greater success stories and continue to make RVSCET a hub of innovation in the region."

THE VISIONARIES



Mr. Shatrughna Singh

Treasurer, RVSCET

"An institution's true wealth is measured by the quality and innovation of its students. **Helix** has proven to be a valuable asset to **RVSCET**, consistently delivering high-performance results.

I was particularly impressed by the execution of **HackQubit** and the strategic collaboration with **GDG Ranchi**. Managing a 24-hour national event and earning the trust of a global tech giant reflects the high caliber of our students.

I would like to specifically acknowledge the efforts of **Prof. Deepak Kumar Tiwari**, whose dedication as the Founder and Mentor has been the driving force behind this momentum. He has successfully created a platform where talent meets opportunity. The management is fully committed to supporting such endeavors as **Helix** compiles even greater success stories in the future."

Dr. Rajesh Kumar Tiwari

Principal, RVSCET

"In the rapidly evolving landscape of engineering, technical clubs are not just extracurricular; they are essential upgrades to the academic curriculum. It gives me immense pride to witness **Helix** transform from a nascent idea into the college's flagship technical ecosystem in just one year.

The club has demonstrated exceptional capability, from successfully organizing **HackQubit**, a national-level 24-hour hackathon, to establishing prestigious partnerships with global communities like **Google Developer Groups (GDG)**. These milestones prove that our students are ready to compete and collaborate on a global stage.

This success is a direct result of the robust architecture laid down by the students and the visionary leadership of **Prof. Deepak Kumar Tiwari**. His ability to mentor, guide, and channel the energy of our students into productive innovation is commendable. **Helix** has set a new benchmark for what **RVSCET** can achieve."



THE ACADEMIC PILLARS



Prof. Krishna Murari

Dean, RVSCET

"Discipline and innovation are the two wings of success. I am pleased to see that **Helix** has not only focused on technical skills but also on cultivating discipline, leadership, and management capabilities among students.

The successful organization of massive events like **HackQubit** and the collaboration with **GDG Ranchi** demonstrate the high caliber of our student community. Helix provides a constructive platform for students to channel their energy into productive outcomes. My best wishes to the team for their future endeavors."

Dr. Sharat Chandra Mahto

Associate Dean (Academic Affairs), RVSCET

"Education extends far beyond textbooks; it encompasses holistic growth and the real-world application of knowledge. **Helix** has significantly enriched our college's academic environment by promoting a vibrant culture of peer-to-peer learning.

The workshops and hackathons hosted by the club serve as powerful catalysts, inspiring students to explore ideas outside the standard curriculum. It fills me with great pride to see our students achieving positions in prestigious national competitions like **SIH**. I extend my congratulations to the entire team on a stellar inaugural year and wish them continued success in their pursuit of excellence."



THE STRATEGISTS

Dr. Vikram Sharma

T&P Head, RVSCET

"In today's competitive job market, academic excellence must be complemented by practical application and innovation. **Helix** has emerged as a crucial platform in this domain, effectively bridging the gap between classroom theory and industry expectations.

Seeing our students compete and win at national platforms like the **Smart India Hackathon** and **RanchiHacks** is a testament to the technical grooming they receive within this club. The initiative to host major events like **HackQubit** and conduct industry-level workshops directly enhances the employability of our graduates. I commend the team for creating an environment that produces not just engineers, but future leaders ready for the corporate world."



Dr. Sushanta Mahanty

HOD ECE, RVSCET

"Since its inception on January 9th, 2025, **Helix** has served as a driving force for student innovation at **RVSCET**. As the Faculty Coordinator, watching this club evolve from a concept into a fully operational community has been a remarkable journey.

The club has successfully fostered a culture of teamwork and management, evidenced by the seamless organization of **HackQubit** and the strategic partnership with **GDG Ranchi**. I commend the entire core team for their relentless dedication and hard work. As we celebrate one year of operations, I am proud to say that **Helix** has become synonymous with technological excellence on our campus."

THE ARCHITECT



Prof. Deepak Kumar Tiwari

Founder & PI, Helix

“When we laid the foundation for **Helix** on **January 9th, 2025**, the objective was not just to start another college club. The vision was far more ambitious: to create a sustainable ecosystem where innovation is not an occasional event, but a daily habit. We wanted to bridge the widening gap between academic curriculum and industry expectations, empowering our students to transition from being passive consumers of technology to active creators.

Today, as we celebrate the first anniversary of this initiative, I am overwhelmed with pride. In just 365 days, Helix has transformed from a nascent idea into a powerhouse of technical excellence. We have exceeded every parameter we set for ourselves.

The journey has been nothing short of extraordinary. We dared to host **HackQubit**, a **national-level 24-hour hackathon**, right here on our campus. Seeing teams from across the country code through the night was a testament to our organizational capability. We witnessed history when our own **Team CodeXtream** reached the **Grand Finale of the Smart India Hackathon (SIH) 2025**, proving that **RVSCET** students have the mettle to compete on the national stage. Furthermore, our strategic partnership with **Google Developer Groups (GDG) Ranchi** has opened doors to global networking and exposure that were previously inaccessible.

But beyond the trophies and the accolades, my greatest satisfaction comes from seeing the transformation in our students. I have watched shy first-year students evolve into confident speakers, and coding novices turn into hackathon winners. This growth is the true measure of our success.

 To my core team, student coordinators, and every volunteer:

You are the heart and soul of this movement. Your sleepless nights, your resilience, and your passion are the source code of this success. This anniversary marks the successful execution of our Version 1.0, but remember, this is just the beginning. The foundation is strong, the momentum is high, and the future of Helix is limitless.”

THE LEADERS



Aadarsh Shaheb Singh

President, Helix

"When we initialized **Helix** exactly one year ago, it wasn't just another club, it was a movement. We wanted to build a 'Source Code' for innovation at **RVSCET**, a place where ideas could be compiled into reality without errors.

Looking back, the journey has been surreal. From hosting our own national hackathon, **HackQubit**, to winning at **Xplore** and partnering with **GDG Ranchi**, we have proved that RVSCET students are second to none. This year taught us that the only limit is the one we set for ourselves. I am incredibly grateful to **Deepak Sir** for his mentorship and to my entire team for their relentless hard work. We have laid the foundation; now it's time for you to build the skyscraper."

Prayog Priyanshu

Vice President, Helix

"Technology evolves every second, and at **Helix**, our mission is to ensure that our students stay ahead of the curve. This year was defined by a shift towards Artificial Intelligence and competitive excellence.

From securing **NPTEL Star Awards** to cracking national hackathons, we fostered an environment where 'learning by doing' is the only rule. My experience leading the AI initiatives and seeing juniors build incredible projects has been the highlight of my college life."

To every student reading this:

Helix is your sandbox. Experiment, fail, learn, and innovate. The future belongs to those who build it.



ABOUT HELIX

TECH & AI CLUB OF RVSCET

Dive into the realm of innovation with Helix, the vibrant Tech and AI club at RVSCET, established on **January 9th, 2025**. Welcoming students from all backgrounds and levels of experience, Helix cultivates a supportive community where members can delve into a diverse range of cutting-edge fields. From the fundamentals of web development and the critical aspects of cybersecurity to the exciting advancements in artificial intelligence, robotics, and the principles of intuitive user experience (UX), Helix offers a multitude of pathways for technological growth and discovery. Join us to nurture your skills and ignite your passion for technology within an engaging and collaborative environment.



PURPOSE OF HELIX



Cultivate a Tech-Driven Community:

Foster a collaborative and inclusive environment where students with an interest in technology and AI can connect, learn from each other, and grow together.



Provide Hands-on Learning:

Offer practical experiences through workshops, projects, and activities that go beyond theoretical knowledge, enabling students to develop tangible skills in various tech domains.



Foster Innovation:

Encourage creative problem-solving and the development of innovative solutions by providing platforms for experimentation and project implementation.



Prepare for the Tech World:

Equip students with the necessary technical skills, teamwork abilities, and industry insights to excel in their future careers within the rapidly evolving technology landscape.



Promote Teamwork and Cooperation:

Facilitate collaborative projects and activities that emphasize the importance of teamwork, communication, and shared goals.



PERKS OF HELIX



Expand Technical Knowledge:

Gain exposure to a wide array of technologies, including web development, cybersecurity, AI, robotics, and UX design.



Develop Practical Skills:

Acquire hands-on experience through workshops, projects, and hackathons, building a strong portfolio of demonstrable skills.



Enhance Problem-Solving Abilities:

Tackle real-world challenges through innovative projects and collaborative problem-solving activities.



Network with Peers:

Connect with like-minded individuals, fostering a supportive community of learners and potential future collaborators.



Gain Industry Exposure:

Potentially interact with industry professionals through workshops, guest lectures, and events, gaining valuable insights into the tech industry.



Boost Employability:

Develop a strong foundation of technical skills and teamwork experience, making them more competitive in the job market.



Contribute to the College:

Showcase their skills and the club's achievements through participation in competitions and events, enhancing the college's reputation in the tech domain.



the manifest

The Official YearBook of Helix | 2025 - 2026



VISION

To develop a tech-driven community that empowers students to become industry leaders.



MISSION

Provide hands-on learning and foster innovation to prepare you for the tech world.





THE GENESIS



CLUB ORIENTATION

January 27th, 2025

On January 27th, 2025, Helix, the Tech and AI club at RVSCET, successfully hosted its orientation presentation, marking the commencement of an exciting journey towards technological excellence. The event was charged with innovative ideas and a shared vision for the future of the club and its members.

The founder of Helix, Prof. Deepak Kumar Tiwari, articulated the club's vision, and the president of Helix, Aadarsh Shaheb Singh, provided a comprehensive insight into the club's structure and its diverse range of planned activities. He underscored the pivotal role of technology clubs in nurturing teamwork and facilitating invaluable learning experiences through engagement in real-world projects, and highlighted the significance of internships.

This successful orientation serves as a significant first milestone in Helix's drive towards fostering technological progress and empowering its members.

TEAM HELIX

READY TO INNOVATE





INDUSTRY INSIGHTS



speaker

PRATIK KUMAR TIWARI
SDE @  Microsoft



SOFTWARE DEVELOPMENT WORKSHOP

February 19th, 2025

On February 19th, 2025, Helix hosted an exclusive and highly informative workshop focused on Software Development Engineering (SDE). The session featured Pratik K Tiwari from Microsoft, offering attendees unparalleled insights into the dynamic world of software development and the broader tech industry. Participants gained a comprehensive understanding of the role and significance of a Software Development Engineer, exploring the core responsibilities and expectations within this crucial field. The workshop also delved into the essential technical proficiencies and crucial soft skills that are vital for building a successful career in software development. This event provided a unique opportunity for aspiring developers to learn directly from an experienced industry expert at Microsoft, enabling them to enhance their skills and gain valuable knowledge to take significant strides towards becoming proficient Software Development Engineers.

KEY TAKEAWAYS



Detailed Roadmap:

A step-by-step guide to securing a Software Development job.



Industry Insight:

Real-world perspective on what top tech companies look for.



Skill Strategy:

Clear direction on mastering the necessary technical skills.





THE NEXT GEN

CLUB INDUCTION PROGRAMME

August 29th, 2025

The Helix Coding Club Induction Program was conducted to introduce first-year students to Helix as a student-driven coding and technology community. During the session, senior members explained the importance of coding skills, problem-solving, teamwork, and innovation in today's technical landscape. Students were briefed about the various opportunities offered by the club, including coding challenges, hackathons, technical workshops, project development, and peer learning initiatives.

The program also included an overview of various technologies, where students were introduced to how Artificial Intelligence works, the concept and structure of hackathons, and exposure to different modern technologies and domains. The session aimed to build awareness, curiosity, and a strong foundation for students to begin their technical journey with Helix.



TEAM HELIX

GROWING STRONGER





DEVSPARK



speaker

AADARSH SHAHEB SINGH

EVENTS HEAD • GDG RANCHI
PRESIDENT • HELIX



PRE-HYPE EVENT OF DEVFEST RANCHI 2025

September 4th, 2025

DevSpark was organized as a pre-event initiative to build excitement and prepare participants for DevFest Ranchi 2025. The event served as a preview platform, offering participants an early glimpse into the themes, learning opportunities, and scale of the upcoming DevFest.

Organized by Google Developer Groups Ranchi in collaboration with Helix Tech & AI Club, RVS College of Engineering and Technology, the event was conducted across multiple colleges in Jharkhand. The session featured a hands-on Google Cloud Platform (GCP) workshop, where the speaker was Aadarsh Shaheb Singh, who is also the Training & Development Head of GDG Ranchi. Participants engaged in a guided coding lab, building a small project on Google Cloud using provided GCP credits, gaining practical exposure to real-world cloud workflows.

Based on performance and engagement during the coding lab, the top two participants were selected and awarded free passes to DevFest Ranchi 2025, encouraging active participation and fostering a competitive learning environment. The event successfully generated enthusiasm among students and professionals while delivering meaningful technical learning ahead of DevFest.





HACK

HACK QUBIT - 24HRS NATIONAL HACKATHON

October 7th & 8th, 2025

HackQubit 2025, the 24-hour national-level hackathon hosted by RVS College of Engineering and Technology (RVSCET), concluded successfully after an intense and inspiring marathon of creativity, coding, and problem-solving. The event served as a celebration of innovation, collaboration, and technical excellence among student developers.

With participation from over 50 teams from across India, HackQubit 2025 brought together talented minds who worked continuously through multiple rounds of evaluation to develop impactful and practical solutions. Following rigorous assessments, the top 10 teams advanced to the final round, where competition reached its highest level.



The event was evaluated by a distinguished panel of judges comprising Dr. D.A. Khan (Professor, NIT Jamshedpur), Ms. Shraddha Agarwal (Founder & Director, Izzkitech Solutions), Dr. Shamsher Alam (Associate Professor, RVSCET), and Prof. Shreyansh Prasad (Assistant Professor, RVSCET), whose expertise and insights ensured a fair and enriching evaluation process.

The closing ceremony was graced by Shri Binda Singh, Hon'ble Chairman of RVS Educational Trust, and Shri Shatrughna Singh, Hon'ble Treasurer, who felicitated the winners and appreciated the efforts of all participants and organizers.

The success of HackQubit 2025 was made possible through the valuable guidance of Dr. Sushant Mahanty (HoD, ECE) and Prof. Deepak K. Tiwari (BCA Department), along with the dedicated efforts of the student organizing team. Special acknowledgement is extended to Aadarsh Shaheb Singh (President, Helix) and Prayog Priyanshu (Vice President, Helix) for their effective technical coordination and leadership throughout the event.

DAY 1



INAUGURATION



7th October
10:30 A.M.

HACK QUBIT

DAY 1



CODING MARATHON
[SESSION - 1]



7th October
11:30 A.M.

HACK QUBIT

DAY 1



MENTORING ROUND - 1



7th October
06:50 P.M.

HACK QUBIT

QUBIT

DAY 1



CODING MARATHON [SESSION 2]

7th October
12:00 P.M.

DAY 2



MENTORING ROUND - 2

8th October
12:00 P.M.

DAY 2



PRESENTATION

8th October
3:00 A.M.



WINNER



TEAM S2 BUCKETS
NIT JAMSHEDPUR

RUNNER UP



TEAM VIBECODERS
CENTRAL UNIVERSITY OF JHARKHAND, RANCHI

2nd RUNNER UP



TEAM CODE BLOODED
HALDIA INSTITUTE OF TECHNOLOGY

SPECIAL RECOGNITION BY IZZKITECH

WINNER



TEAM A3N
CENTRAL UNIVERSITY OF JHARKHAND, RANCHI

RUNNER UP



TEAM RVS ACADEMY
RVS ACADEMY



RVSCET'S FIRST SIH

SIH INTERNAL HACKATHON

September 22nd, 2025

The Internal Smart India Hackathon (SIH) 2025 was organized by Helix – The Coding Club at RVS College of Engineering and Technology (RVSCET), Jamshedpur. For the first time, the hackathon saw participation from students of all academic years, creating a collaborative and inclusive environment.

The event featured over 15 student projects across multiple domains such as MedTech, EdTech, automation, and other problem-solving areas. Mentors supported teams during ideation and development, while the jury evaluated projects based on innovation and execution. The top teams were shortlisted to represent RVSCET at the Smart India Hackathon 2025 National Level.

The event successfully encouraged teamwork, hands-on learning, and innovation among students and was made possible through the efforts of participants, mentors, and the Helix organizing team.





AI WORKSHOP

AI WORKSHOP AT RVS ACADEMY

September 24th , 2025



Innovation knows no age limit. In a strategic outreach initiative, Helix extended its footprint beyond the walls of RVSCET to RVS Academy, a sister institution under the RVS Educational Trust. The objective was twofold: to demystify the complex world of Artificial Intelligence for school students and to create a buzz for our upcoming national flagship event, HackQubit.

A dedicated delegation led by Aadarsh Shaheb Singh and Prayog Priyanshu, alongside core members Shivam Kumar, Archit Kumar, and Nitish Sharma, took the stage. They didn't just deliver lectures; they sparked conversations. The team broke down Generative AI, Machine Learning, and the future of tech into relatable, exciting concepts, ensuring that the students didn't just understand the technology, they felt inspired by it.

The session also served as a "Curtain Raiser" for HackQubit. By showcasing the scale of a 24-hour national hackathon, the team demonstrated to the school students the kind of technical excellence and leadership opportunities that await them at RVSCET. It was a perfect example of the ecosystem envisioned by our Chairman, Shri Binda Singh, where every institution under the Trust contributes to a unified culture of progress.



DEVFEST RANCHI 2025

ORGANISED BY



October 11th, 2025

On October 11th, 2025, the GP Birla Auditorium at BIT Mesra transformed into the epicenter of technology in East India. As the official Community Partner, Helix was proud to mobilize a delegation of students to witness the sheer scale of DevFest Ranchi. For many members, this was their first exposure to a tech conference of this magnitude, and the energy was nothing short of transformative.

The event moved beyond standard lectures, offering "mindset shifts" through sessions like "Web Walo Ki Baithak" and "Future of AI". Speakers emphasized that innovation requires courage and curiosity, not just permission. The highlight of the day was the interaction with global experts, including Saurabh Rajpal (Google's Web Expert), whose ability to simplify complex tech into conversational insights left a lasting impact on our students.



KEY HIGHLIGHTS

Star Power:

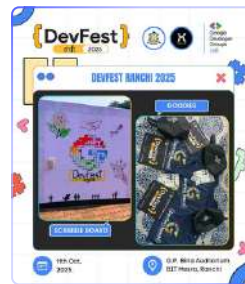
Interactions with industry leaders like [Arun Teja Godavarthi](#) (ZeoSpec), [Ali Mustufa](#), and [Aanchal Mishra](#).

The Anthem:

The electric atmosphere peaked during the "Web 2.0 Anthem" performance by [Saurabh Rajpal](#), uniting the crowd in a moment of tech camaraderie.

Community Impact:

As partners, Helix members engaged in high-value networking, bridging the gap between our campus and the professional developer world.





Collaborate . Innovate . Elevate

RANCHI HACKS >

17-18 January 2026

January 17th & 18th, 2026

Innovation is not just about writing code; it is about building ecosystems. At RanchiHacks 2026, organized by GDG Ranchi, Helix solidified its position as a regional powerhouse. As the official Community Partner, we didn't just attend the event; we helped shape it. The scale was massive, hundreds of teams, sleepless nights, and a buzzing atmosphere at Sarala Birla University. Helix was at the center of the action, earning the prestigious "One of the Best Community Partner Award" for our impactful mobilization and support.

THE GUIDING FORCE

No mission succeeds without strong leadership. Our Founder and Faculty Coordinator, Prof. Deepak Kumar Tiwari, traveled with the delegation, staying on-ground to support the students throughout the grueling event. His presence was a pillar of strength for both the participants and the organizing members. From motivating Team reKurzion before their final pitch to guiding the volunteer squad, his mentorship ensured that the RVSCET delegation represented the college with discipline and excellence.

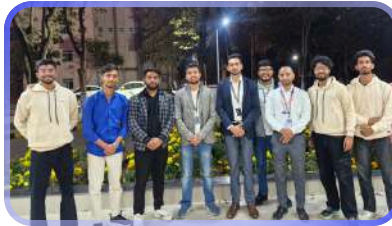


Leadership is about taking responsibility beyond your own campus. Our President, Aadarsh Shaheb Singh, and Vice President, Prayog Priyanshu, served as integral members of the GDG Ranchi Organizing Team. They worked tirelessly behind the scenes to manage the technical and operational challenges of a national-level hackathon, proving that Helix produces not just participants, but leaders.

THE ORGANIZING FORCE

THE VOLUNTEERS

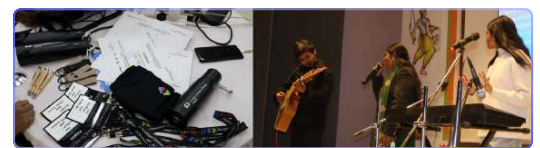
While the coders built prototypes, our volunteer squad captured the story. Sumit Ghosh, Rishi Raj, Sumit Kumar, and Archit Kumar managed the on-ground media coverage, conducting interviews and creating real-time content that kept the digital world connected to the event's energy.



THE FINALISTS: TEAM reKurzion

Representing the technical prowess of RVSCET, Team reKurzion fought their way through intense competitive rounds to reach the Grand Finale. Competing against the best minds in the region, they showcased resilience and innovation.

Team Members: Satish Verma, Priyanshu Ghosh, Abhinam Mahato, Shruti Kumari.





BEYOND THE SYLLABUS



speaker

PRAYOG PRIYANSHU

EVENTS HEAD • GDG RANCHI
VICE PRESIDENT • HELIX



NPTEL AWARENESS WORKSHOP

January 22nd, 2026.

True leadership in a tech club isn't just about organizing events; it's about showing others the path to success. Recognizing the immense value of the National Programme on Technology Enhanced Learning (NPTEL), Helix organized an exclusive awareness workshop to decode the platform for students.

Who can be more experienced to guide the aspirants than a nationally recognised NPTEL Star Award winner? Our very own Vice President, Prayog Priyanshu, took the stage to share his expertise. Having conquered the rigorous courses offered by IITs and IISc himself, Prayog broke down his personal blueprint for success. He demystified the Swayam portal, shared actionable strategies for balancing college academics with high-level NPTEL coursework, and provided insider tips on cracking the proctored exams. By sharing his own journey and the weight these certifications carry in the corporate world, Prayog didn't just inform the students, he actively inspired a new wave of continuous learners on campus.

KEY TAKEAWAYS



Peer-to-Peer Mentorship:

Gaining direct, relatable insights from a senior who achieved the prestigious NPTEL Star Award.



Exam & Time Management:

Actionable advice on balancing regular college studies with rigorous NPTEL preparation.



Strategic Course Selection:

Learning how to identify and commit to high-impact technical courses from premier Indian institutes.



HALL OF FAME

Winners of Hack Horizon 2025

Organised by Arka Jain University , Jamshedpur



11th - 12th April, 2025

Team Helix from R.V.S. College of Engineering & Technology, Jamshedpur, achieved an outstanding victory at Hack Horizon 2k25, a national-level 24-hour hackathon organized by Arka Jain University in collaboration with Google Developer Groups On Campus - AJU.

TEAM MEMBERS

Aadarsh Shaheb Singh, Prayog Priyanshu, Sushant Kumar and Nitish Sharma.



Top 20's at Hack Horizon 2025

Organised by Arka Jain University , Jamshedpur



11th - 12th April, 2025

Team Mirage from R.V.S. College of Engineering & Technology, Jamshedpur, was among the top 20 teams out of 120 teams at Hack Horizon 2k25, a national-level 24-hour hackathon organized by Arka Jain University in collaboration with Google Developer Groups On Campus - AJU.

TEAM MEMBERS

Gursharan Singh, Sumit Kumar Singh, Sumit Ghosh, Deshant Anand.



Runner-up of Eklavya Techfest 2025

Organised by Dr. Shyama Prasad Mukherjee University, Ranchi



23rd - 24th April, 2025

Team Helix from R.V.S. College of Engineering & Technology, Jamshedpur, secured the runner-up position at the EKLAVYA TECHFEST - 2K25 Hackathon, organized by Dr. Shyama Prasad Mukherjee University, Ranchi, in collaboration with Google Developers Group Ranchi. The competition saw participation from over 75 teams and 350 students.

TEAM MEMBERS

Archit Sinha, Prayog Priyanshu, and Aadarsh Shaheb Singh.



HALL OF FAME

Top 20 Finalists at Hackatron 25

Organised by BIT, Sindri



11th - 12th May, 2025

The team participated in Hackatron 2025, a 36-hour offline hackathon hosted by BIT Sindri and organized by the Hackathon and Coding Club (HnCC), BIT Sindri. Out of 1,050+ participants, the team was selected as one of the Top 20 finalists.

TEAM MEMBERS

Prayog Priyanshu, Sushant Kumar, Aditi Priya, Nitish Sharma, Aadarsh Shaheb Singh



NPTEL Star Award Winner

Organised by TOP 7 IITs



20th July, 2025

Prayog Priyanshu, Vice President of Helix – The Tech & AI Club from R.V.S. College of Engineering & Technology, Jamshedpur, was honored as an NPTEL Star Awardee for his consistent excellence in NPTEL examinations and outstanding performance in Machine Learning. The award was presented at the 1st NPTEL Star Award Felicitation Ceremony 2025, hosted by IIT Kharagpur (East Zone) at the IIT Kharagpur Research Park, New Town, Kolkata.

AWARDEE

Prayog Priyanshu



Techfest IIT Bombay : Zonals Winner

Organised by NIT, Jamshedpur



2nd November, 2025

Students from RVS College of Engineering and Technology, Jamshedpur participated in Techfest IIT Bombay – Zonals 2025, hosted at National Institute of Technology, Jamshedpur, in collaboration with Team OJASS.

Notably, Neha Kumari (First Year) secured Rank 1 in the Codecode competition, highlighting the technical talent and competitive excellence of RVSCET students.

AWARDEE

Neha Kumari



HALL OF FAME

Winners of Xplore XII

Organised by Netaji Subhas University , Jamshedpur

 18th - 20th December, 2025

"Leading by example, the core leadership of Helix represented RVSCET at the grandest fest of the region. Amidst fierce competition, they swept the top honors, proving that excellence is a habit. Aadarsh Saheb Singh secured the Winner's title in 'HashCode' (DSA Competition), showcasing algorithmic supremacy, while Prayog Priyanshu emerged as the Winner of 'Promptathon' (AI Competition), dominating the realm of Generative AI. This double victory highlights Helix's command over both foundational coding and future-tech."

TEAM MEMBERS Aadarsh Shaheb Singh & Prayog Priyanshu



SIH 2025 Finalists

Organised by Ministry of Education's Innovation Cell (MIC) in collaboration with AICTE

 08th - 09th December, 2025

Team CodeXtream, students of Coding Club Helix from R.V.S. College of Engineering & Technology, Jamshedpur, were shortlisted as finalists in the Smart India Hackathon (SIH) held on December 8th and 9th, 2025. Out of lakhs of students participating from institutions across the country, the team progressed through multiple screening and evaluation rounds to reach the finalist stage.

TEAM MEMBERS Shivam Kumar, Mou Samaddar, Rishil Aman, Dheeraj Kumar, Akash Rana, Raushan Rawat



TEAM CodeXtream



COMMUNITY PARTNERSHIPS



Organised by



11th October, 2025

DevFest Ranchi 2025 was held on October 11th, 2025, at the GP Birla Auditorium, BIT Mesra, bringing together a large community of students, developers, and working professionals from across the region. Helix – Tech & AI Club of RVS College of Engineering and Technology (RVSCET) proudly participated as a Community Partner, contributing actively to the success of the event.

The event featured impactful sessions such as Web Walo Ki Baithak, Future of AI, and Anyone Can Code, which focused on innovation, accessibility, and real-world application of technology. Participants gained valuable insights from experienced industry speakers including Arun Teja Godavarthi (ZeoSpec), Ali Mustufa, Aanchal Mishra, Imran Roshan, Ahaan Raizada, and Saurabh Rajpal (Google Web Expert).

Helix also played a key leadership role during the event, with Aadarsh Shaheb Singh, President of Helix, serving as the Training & Development Lead, and Prayog Priyanshu, Vice President of Helix, contributing as the Community Lead. Their involvement ensured effective knowledge delivery, coordination, and community engagement throughout the event.



MARTINOVIATION
2025

Organised by



3rd - 7th November, 2025

Helix – Tech & AI Club of RVS College of Engineering and Technology (RVSCET) proudly served as a Community Partner for Martinnovation, the flagship hackathon of Usha Martin University. As a community partner, Helix actively supported the organizing team by providing guidance on planning and execution of the techfest.

Helix contributed by assisting with sponsor outreach, sharing best practices for organizing large-scale technical events such as hackathons, Robo Races, Prompt-a-thons, and other innovation-driven competitions, and offering strategic guidance to ensure smooth coordination and effective event management.

The club also played an active role in strengthening community engagement and promoting the event across student developer networks. In addition to organizational support, students from Helix actively participated in Martinnovation, showcasing their skills, ideas, and enthusiasm for innovation. The collaboration reflected Helix's commitment to supporting student-led initiatives, fostering inter-college collaboration, and promoting a strong culture of learning and innovation.



COMMUNITY PARTNERSHIPS



Organised by



Google Developer Groups
रांची



17th & 18th January, 2025

Helix – Tech & AI Club of RVS College of Engineering and Technology (RVSCET) proudly going to serve as the official Community Partner for RanchiHacks 2026, a national-level hackathon organized by Google Developer Groups (GDG) Ranchi, scheduled on 17th–18th January 2026.

As part of this collaboration, Helix actively contributed to the planning, promotion, and execution support of the hackathon. Aadarsh Shaheb Singh, President of Helix, played a key role as part of the Events Team Lead, contributing to overall event coordination, strategy, and smooth execution. His involvement ensured structured planning and effective communication between teams.

Additionally, Prayog Priyanshu, a core member of the Helix events team, supported the hackathon through community outreach, promotions, and publicity. He was also involved in assisting with participant registrations, engagement tracking, and operational support, helping streamline the participation process and expand the event's reach within student communities.

Through its involvement in RanchiHacks 2026, Helix reinforced its commitment to supporting large-scale technical events, encouraging student participation, and strengthening the developer ecosystem by actively contributing beyond campus boundaries.



STUDENT TESTIMONIALS

T.S. Kiran

B.TECH CSE • 2ND YEAR



"Transitioning into my second year, Helix continues to be the launchpad for my tech journey. What started as an introduction to software development has evolved into deep, hands-on project experience. The emphasis on practical learning over theoretical lectures remains the club's biggest strength. Working alongside seniors on complex coding challenges has not only sharpened my technical skills but also fostered a mindset of continuous innovation. Helix is more than a club; it's a community that constantly pushes you to experiment and grow."

Sumit Ghosh

BCA • 2ND YEAR



"Joining Helix gave me the unique opportunity to blend creativity with technology. As the Lead Graphic Designer and Social Media Head, I realized that impactful branding is just as crucial as clean code. From designing for national events like HackQubit to managing our digital presence, Helix gave me the creative freedom to experiment and lead. It is more than just a tech club; it is a community that values and nurtures every skill set."

Shivam Kumar

B.TECH CSE • 4TH YEAR



"Being a member of Helix has been a defining part of my college life. The club exposed me to trending AI technologies and played a pivotal role in mentoring our team for the SIH Grand Finale, helping us represent RVSCET on a national level. Beyond technical growth, serving as a Team Lead and organizing hackathons honed my leadership and event management skills. Helix has significantly contributed to my overall personality development, transforming me from a student into a professional."

Mou Samaddar

B.TECH CSE • 4TH YEAR



"Helix provided the perfect platform for hands-on learning through its regular workshops and collaborative environment. My journey to becoming a Smart India Hackathon (SIH) Finalist was heavily supported by the guidance and mentorship I received here. The club didn't just teach me new technologies; it built my confidence and problem-solving skills through constant encouragement. Helix truly fosters a culture of creativity and continuous growth."

Priyanshu Ghosh

B.TECH CSE • 3RD YEAR



"Representing RVSCET as a finalist at RanchiHacks 2026 with Team reKurzion was a defining moment in my academic journey. Helix has consistently provided the mentorship and technical environment needed to compete on such prestigious stages. The transition from brainstorming ideas in the lab to pitching in a grand finale taught me invaluable lessons in resilience and teamwork. Being part of Helix means constantly pushing your boundaries and realizing that with the right community support, no innovative goal is out of reach."

Nitish Sharma

B.TECH CSE • 4TH YEAR



"Being a core member of Helix since its inception has been a pivotal part of my college journey. The club offered immense hands-on learning through collaborative projects, leading me to win a state-level hackathon and represent our institute nationally at BIT Sindri. My experience wasn't limited to participation; as the Creative Lead for HackQubit, I discovered the joy of event management. Furthermore, conducting AI workshops for juniors significantly refined my own technical and communication skills. Helix is truly a community that fosters innovation, teamwork, and holistic growth."

STUDENT TESTIMONIALS

Nandani Kumari

B.TECH CSE • 3RD YEAR



"Being part of Helix from its inception to its first anniversary has been an incredible journey. From organizing initial orientation sessions to managing large-scale workshops and hackathons, every step has been filled with continuous learning. The strong coordination within our team helped me grasp the true spirit of innovation, a journey that culminated in winning an internal hackathon. I am deeply grateful to every member and mentor who supported this growth, and I look forward to taking this club to even greater heights through continued collaboration."

Kumari Khushi Singh

B.TECH CSE • 4TH YEAR



"Serving as a Core Member of Helix has been a truly enriching experience. Beyond strengthening my technical and problem-solving skills, it provided the unique opportunity to collaborate with passionate, driven peers. One of my most rewarding experiences was leading a hackathon, where I gained hands-on exposure to leadership and event management while guiding participants through real-world challenges. The supportive culture and constant learning environment at Helix played a significant role in shaping my confidence and professional growth throughout my college journey."

Aparna Sharma

B.TECH CSE • 4TH YEAR



"My journey with Helix has been both challenging and deeply rewarding. As an active member of the core team, I was pushed beyond routine academics to think creatively and apply practical solutions to real technical problems. Taking the lead in organizing and managing a hackathon was a defining experience that significantly strengthened my leadership, decision-making, and coordination skills. Helix successfully fostered a culture of initiative and peer learning, making it an integral part of my personal and professional development during college."

Ayush Kumar Sinha

B.TECH CSE • 4TH YEAR



"Being a member of Helix has played a crucial role in my academic and professional development. Through hands-on AI and ML projects, I was able to develop strong technical expertise in Python and advanced problem-solving. Beyond the code, organizing the HackQubit hackathon significantly enhanced my leadership, teamwork, and communication abilities. Helix provided me with the perfect ecosystem to innovate technically while growing personally."

Archit Kumar

B.TECH CSE • 4TH YEAR



"My journey with Helix has been a remarkable experience of growth and leadership. As the Event Head, orchestrating our flagship national event, HackQubit, and collaborating with GDG Ranchi for RanchiHacks gave me invaluable professional exposure. Representing the club at prestigious tech fests like NIT Rourkela and Eklavya TechFest further broadened my horizon. Helix has played a pivotal role in shaping my confidence and management skills, for which I am truly grateful."



THE PROFESSIONAL VERDICT

Shraddha Agarwal

Founder & CEO, Izzkitech Solutions

"Supporting HackQubit as a sponsor and mentor was a truly delightful experience. I was genuinely impressed by the depth of innovation and the practical approach displayed by the students of RVSCET. The dedication shown by Team Helix in organizing such a seamless national-level event speaks volumes about the college's commitment to fostering technical excellence. It is heartening to see such a vibrant ecosystem being nurtured here, and I am proud to have been a part of it."



Pratik K. Tiwari

Software Development Engineer, Microsoft

"Interacting with the aspiring developers at RVSCET was a refreshing experience. The curiosity and technical aptitude displayed by the students during the SDE workshop were truly commendable. I must applaud Helix and Prof. Deepak Kumar Tiwari for their proactive efforts in bridging the gap between academia and the industry. Initiatives like these are crucial for shaping the next generation of engineers, and I am glad to have shared my roadmap with such a promising group."

Tushar Raj

Organizer, GDG Ranchi | R&I Engineer, Adrosonic

"Helix has set a new benchmark for what a student community can achieve. As our Community Partner for RanchiHacks, their contribution was invaluable in mobilizing talent and managing operations. I must specifically acknowledge the leadership of Aadarsh and Prayog, whose crucial role in the core organizing team was pivotal to the event's success. It is rare to witness such professionalism at the student level, and I look forward to many more impactful collaborations with Helix."



FACULTY COORDINATORS



Prof. Deepak K. Tiwari
Founder & PI • Helix



Prof. Anita Giri
Faculty Coordinator



Prof. Shreyansh Prasad
Faculty Coordinator



Prof. Kunal Sarkar
Media Advisor • Xpectra



Prof. Sulekh Kumar
Faculty Coordinator

STUDENT COORDINATORS



Aadarsh Shaheb Singh
President • Helix



Archit Kumar
Event Organizer



Sumit Ghosh
Head of Design



Shivam Kumar
Student Coordinator



Aparna Sharma
Student Coordinator



Nandani Kumari
Social Media Coordinator



T.S. Kiran
Student Coordinator



Prayog Priyanshu
Vice President • Helix



Kumari Khushi Singh
Student Coordinator



Nitish Sharma
Video Editor Head



Priyanshu Ghosh
Student Coordinator

THE PRESS ROOM

सॉफ्टवेयर डेवलपमेंट पर कार्यशाला



जामशेदपुर: आरवीएस कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी में सॉफ्टवेयर डेवलपमेंट पर एक कार्यशाला का आयोजन किया गया, इस कार्यक्रम का आयोजन आरवीएस कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलॉजी के प्राचार्य डॉ. प्रदीप कुमार ने किया।

कार्यशाला में सॉफ्टवेयर डेवलपमेंट के विभिन्न पहलुओं पर चर्चा की गई। प्राचार्य डॉ. प्रदीप कुमार ने बताया कि सॉफ्टवेयर डेवलपमेंट एक तेजी से बढ़ती हुई श्रमशक्ति है और इसे सीखना छात्रों के लिए बहुत ही महत्वपूर्ण है।

कार्यशाला में आरवीएस कॉलेज के छात्रों और शिक्षकों का सहभाग्य रहा। प्राचार्य डॉ. प्रदीप कुमार ने बताया कि सॉफ्टवेयर डेवलपमेंट के क्षेत्र में आगे बढ़ने के लिए छात्रों को सतत सीखना और अपडेट रहना चाहिए।

जागरण

अंतर्राष्ट्रीय हार्कथॉन में भाग लेने के लिए आरवीएस कॉलेज के छात्रों को चुना गया है। इस कार्यक्रम में छात्रों को नए तकनीकी कौशल सीखने का अवसर मिलेगा।

हार्कथॉन में भाग लेने वाले छात्रों को नए तकनीकी कौशल सीखने का अवसर मिलेगा। इस कार्यक्रम में छात्रों को नए तकनीकी कौशल सीखने का अवसर मिलेगा।

स्मार्ट इंडिया हैकथॉन: आरवीएस कॉलेज की टीम फाइनल राउंड के लिए हुई चयनित



राष्ट्रीय महाप्रतियोगिता के अंतिम चरण में जामशेदपुर की टीम, आर और नौ दिनों के शिवाग में होगा आयोजन।

राष्ट्रीय महाप्रतियोगिता के अंतिम चरण में जामशेदपुर की टीम, आर और नौ दिनों के शिवाग में होगा आयोजन।

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THE AVENUE MAIL

RVS Academy students get exposure on Generative AI with Helix Tech Club Workshop

Students from RVS Academy participated in a workshop on Generative AI organized by Helix Tech Club. The workshop provided them with hands-on experience and knowledge about the latest trends in AI technology.

RVSGET student Prayog receives NPTEL Star Award



Jamshedpur, Sept 8: Prayog Priyanshu, a fourth-year B.Tech student in Computer Science at RVS College of Engineering and Technology, has been honoured with the prestigious NPTEL Star Award. This accolade was presented on July 20 during the NPTEL Star Award Felicitation Ceremony (Eastern Region) held at IIT Kharagpur Research Park, New Town, Kolkata.

Prayog Priyanshu had taken part in the NPTEL exam on the subject of Machine Learning for college credit, and this award recognizes his outstanding performance at the national level. The ceremony was attended by students and professors from IITs, NITs, and various prestigious institutions across the country. The RVS College management, principal, and department head extended their congratulations to Prayog Priyanshu for this achievement. (W-pb)

the manifest

The Official YearBook of Helix | 2025 - 2026



This was **HELIX V1.0** — a beginning filled with passion and innovation. With your support, **V2.0** will be even bigger, brighter, and bolder. Thank you for being part of our journey and for reading till the very end.



HELIX v2.0 loading...



HELIX
TECH & AI CLUB OF RVSCET

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"Innovation is not just about building technology; it is about building the future. The code you write today shapes the world of tomorrow. Keep learning, keep creating, and never stop spiraling upwards."

Join the Revolution

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WITH US



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