



Student Startup Story - KIIF

Redesigning Calmness for Autism: UID Students Innovate Wearable Tech for Emotional Support

Hitansh Dedhia and Riddhi Katariya, Product Design students at UID, Karnavati University, design has always been about more than aesthetics, it's about impact. When they learned how individuals with Autism often face overwhelming stress and emotional dysregulation, they knew they had to act. The duo created a non-invasive wearable system: a wristband that senses stress, a neckband that provides calming vibrations, and a mobile app to help caregivers intervene in real-time.

With early-stage support from KIIF under the SSIP grant of INR 50,000, their concept turned into a working prototype. Their innovation later earned them INR 1.00 lakh at SkaleUp iBiz 2.0, 2024. But for Hitansh and Riddhi, the true reward lies in designing something that brings dignity, calm, and confidence to those who need it most.

UID
Ignite your
ambition
Hitansh Dedhia
Co-Founder, AUTIMO

Riddhi Katariya
Co-Founder, AUTIMO

Team's Achievements

Empowering HEIs: Expert Talk on Innovation & IIC Framework



Mr. Sandip Takwani delivered an expert talk on "IIC & Innovation"

Initiatives for Nurturing HEIs" during the Capacity Building Workshop held on July 4, 2025, at C.U. Shah Mahila College, Surendranagar, organized by MIC-AICTE in collaboration with Saurashtra University, focusing on innovation-driven growth in higher education.

Igniting Students: VGEC Hosts Innovation-Driven Session on Entrepreneurship and Innovation



On July 2, 2025, at VGEC organized a session on "Startups and Innovation," which was taken by Nehal Prajapati. The session introduced students to the basics of entrepreneurship, encouraging innovation, creative thinking, and a practical approach aligned with NEP 2020 objectives.

Fostering Campus Innovation: FDP Session at Saurashtra University



Mr. Sandip Takwani spoke at the FDP on Innovation & Entrepreneurship at Saurashtra University, Rajkot, on July 17, 2025, sharing insights on leading I&E activities and campus-based pre-incubation / incubation strategies and best practices.

KIIF Highlights

Operation Sindoor: A Strategic Insight by Major General Gaurav Bagga at Karnavati University



Karnavati University, in collaboration with KIIF, on July 24, 2025, hosted Major General Gaurav Bagga for a session on Operation Sindoor. He spoke about how terrorism affects Jammu & Kashmir's growth. He also warned about fake news on the internet. Students were advised to follow the official government. The session highlighted how India tackled threats from J&K to Gujarat along the western border.

KIIF's Highlights

Mentor Insight

From the Desk of the Dr. Puneet Sharma



Dr. Puneet Sharma
Dean, Unitedworld Institute
of Technology (UIT)

At Karnavati University, we see entrepreneurship as a tool to solve real problems not just to build businesses. As a mentor at KIIF and Associate Dean at UIT, We guide students through three core principles: empathy, execution, and excellence. Empathy helps us understand real user needs. Execution turns ideas into action. Excellence ensures we keep refining. UIT and KU believe opportunities today lie in AI, sustainable tech, and defense areas where our students are already creating impact. My message to Aspiring entrepreneurs: start small, but think scalable. Rapidly prototype, collaborate across

disciplines, learn from every setback within KU's dynamic ecosystem, and view failures as essential steps toward success.

KIIF Ecosystem offers support on various fronts of funding, mentorship, and networks, but the real drive must come from within. Let's continue building a future where technology uplifts lives, and every idea has the power to spark change.

WSRO & KIIF: Bridging School Students with Robotics

Over 350 Students Engaged in a Hands-On STEM Experience Across Gujarat

- KIIF & WSRO organized a one-day Robotics and STEM event to spark innovation and tech curiosity among school students.
- Over 300 students from Ahmedabad, Gandhinagar, Surat, and nearby cities actively participated in hands-on robotics challenges and learning modules.
- A major highlight was the strong participation of underprivileged students, making tech education more inclusive.



Glimpses of the WSRO Events

WEInnovate 2025 Finale: Empowering Women to Lead with Innovation

21 Women-led Startups Pitched to Investors & Incubators

- KIIF's WEInnovation 2025 empowered 96 women entrepreneurs from 17 states through mentoring, pitching, and incubation opportunities.
- 21 women-led startups pitched at the grand finale; 10+ received incubation support and attracted investor interest.
- The program built clarity, confidence, and community among women founders, driving purpose-led, scalable innovations across diverse sectors.



Glimpses of the Finale : WEInnovate 2025

ArmedBots: Powering India's Future with Indigenous Defence Robotics

From land to space, this homegrown startup is redefining defence technology with intelligent, reliable, and combat-ready robotic platforms.

ArmedBots Pvt. Ltd. began with a clear vision and a deep sense of purpose to close the technology gap in India's defence robotics sector. The founding team, driven by a passion for innovation and self-reliance, saw firsthand the shortage of robust, reliable, and easy-to-use robotic systems in the domestic defence landscape. Rather than waiting for change, they decided to be the change, and that is how ArmedBots came to life.

Today, ArmedBots is designing and building robotic platforms that operate across every domain, including underwater, rugged terrains, aerial zones, and even outer space. Their systems are smart, modular, and built to adapt to real-world military needs, whether manned, unmanned, weaponised, or remotely operated.

Their journey took off with the Remote Controlled Weapon Station, a proud milestone that earned them one of India's first live fire test certificates from BRTC at NFSU. That same system is now evolving to tackle anti-drone threats and support border security.

Looking ahead, ArmedBots is preparing to launch a range of stabilized and non-stabilized multi-axis pedestals designed for payload OEMs such as radar, jammers, lasers, electro-optics, and more. For this startup, it is not just about technology. It is about building a safer, smarter, and more self-reliant India.



Team of Armedbots with the RCWS