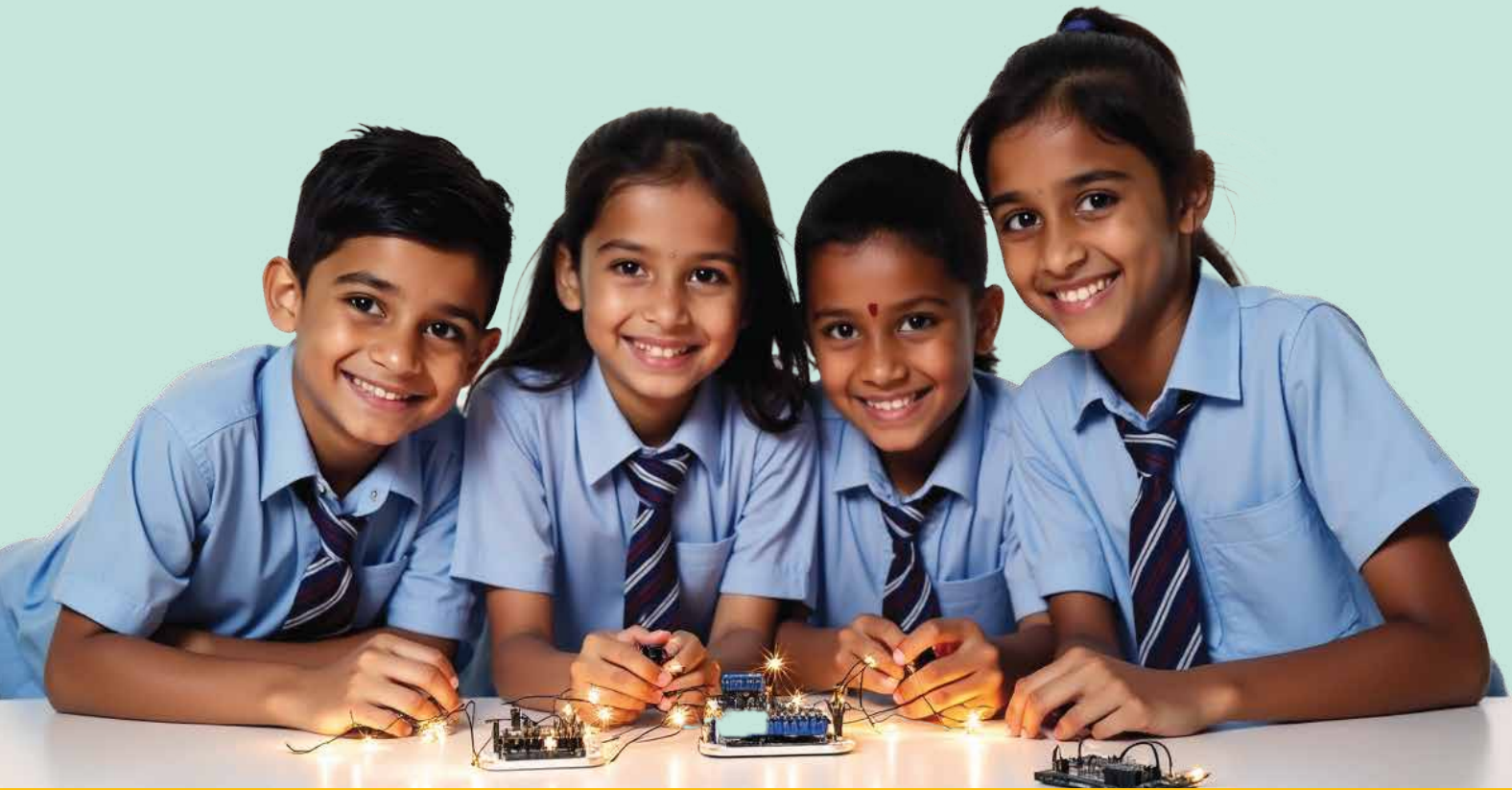




**BRET**  
INNOVATIONS



# FUTURE-READY SCHOOLS WITH **BRET INNOVATIONS**

Building the Next Generation of  
Entrepreneurs, Innovators, Makers & Thinkers

Robotics | Artificial intelligence | Internet of Things (IoT)  
| Drones | AR/VR

# ABOUT BRET INNOVATIONS

BRET Innovations Pvt. Ltd., started in March 2025, is an education-technology company. We build and manage smart labs for Robotics, AI, Drones, AR/VR, and Makerspaces. These labs help students learn through real, hands-on activities.

We work closely with schools to plan the lab space, provide the equipment, train the teachers, and offer full support, so students can learn the latest technologies in a fun and practical way.

## OUR VISION

We want every student, no matter where they live, to get the chance to explore, build, and learn with new technologies. Our goal is to turn regular classrooms into exciting labs where students can think creatively, solve problems, and become future innovators.

## OUR MISSION

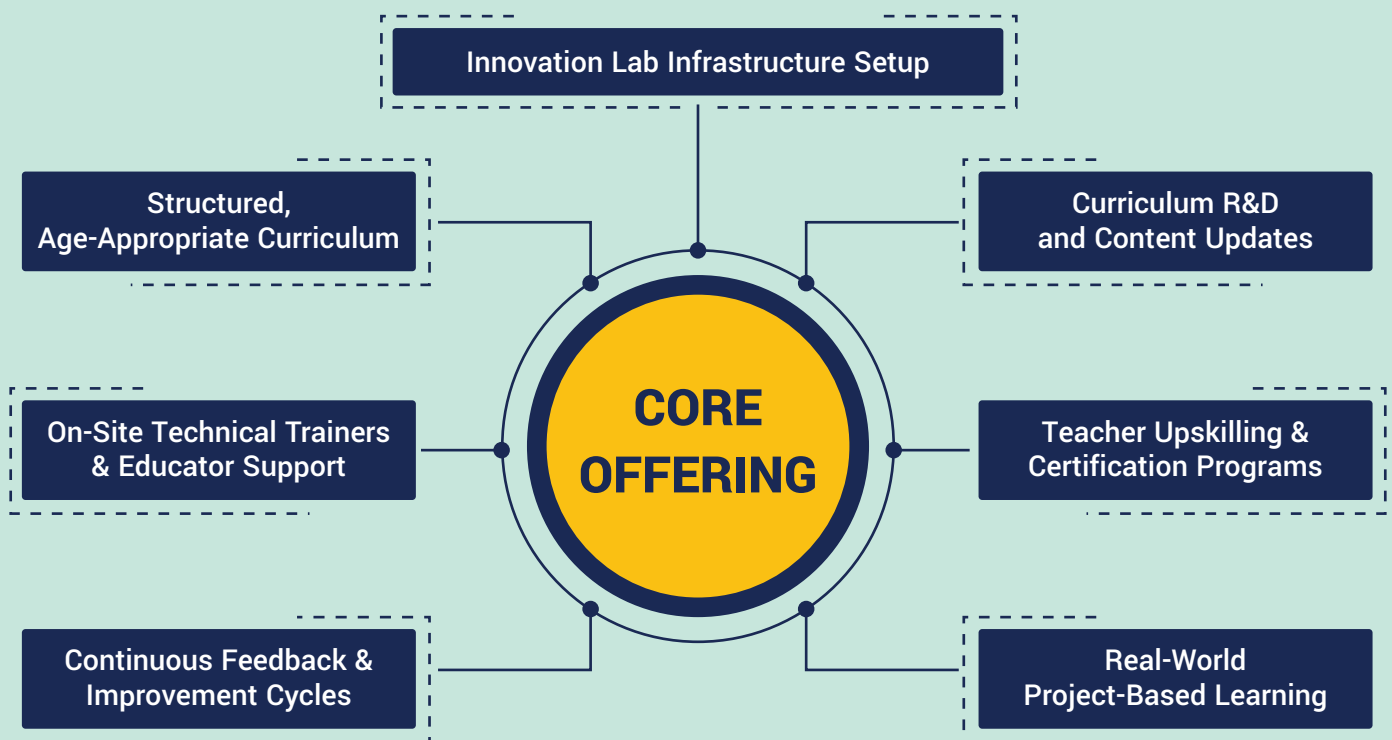
Our mission is to help students learn by doing. We aim to:

- Bring modern STEM labs to schools across India, starting with Bihar.
- Work with teachers to build skills in future technologies like robotics, AI, drones, and more.
- Offer full support from lab setup to training and regular help, so schools can run the labs smoothly.





## OUR LEARNING ECOSYSTEM



BRET Innovations provides an end-to-end educational ecosystem for schools

# LEARNING TRACKS OVERVIEW

BRET Innovations offers specialized learning modules that introduce students to the future of innovation and industry-relevant technologies. Each module focuses on practical application, design thinking, and problem-solving:

- Electronics & Circuit Prototyping
- Embedded Systems & Microcontrollers
- IoT & Smart Systems
- Robotics Engineering
- Drone Technology
- AR/VR Simulations
- Advanced Robotics & AI
- 3D Design & Rapid Prototyping
- Hands-on Assembly & Safety Practices



All modules are supported with high-quality kits, guided activities, and assessment-based learning.

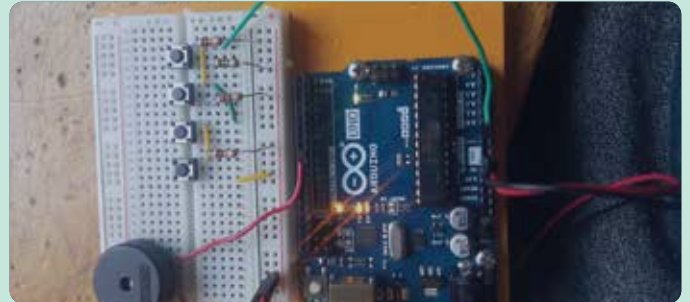


# OUR KITS

BRET Innovations delivers all content through curated and classroom-tested toolkits. These kits are designed to ensure safe, hands-on experiences that bridge theory with innovation.

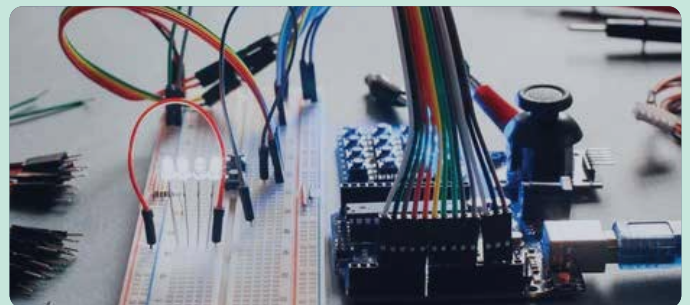
## Arduino Starter Kit

Learn embedded programming, digital logic, and automation using microcontrollers, sensors, and actuators.



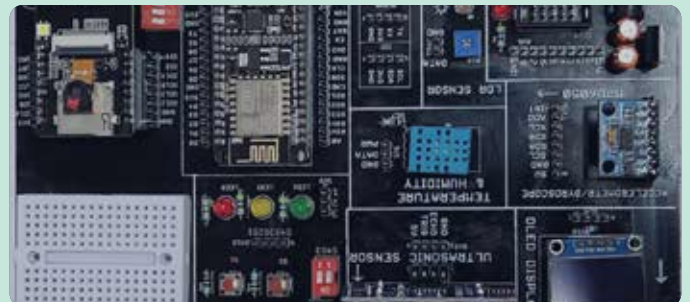
## Breadboarding & Circuit Kit

Experiment with circuits using resistors, capacitors, LEDs, switches, buzzers, and 555 timer ICs. Master core electronics and circuit logic.



## IoT Kits

Use ESP32, NodeMCU, and Wi-Fi modules to connect sensors and control smart devices with real-time data.



## Basic Sensor Package

Explore foundational sensors like LDR, temperature, IR, and ultrasonic for use in robotics, IoT, and automation activities.



## Advanced Sensor Pack

Dive deeper into smart sensing with OLED displays, DHT11, soil moisture sensors, and wireless communication modules.



# OUR KITS

BRET Innovations delivers all content through curated and classroom-tested toolkits. These kits are designed to ensure safe, hands-on experiences that bridge theory with innovation.

## Drone Kits

Hands-on drone assembly using BLDC motors, propellers, ESCs, flight controllers, and LiPo batteries. Learn aerodynamics and remote flight control.



## AR/VR Toolkit

Design immersive educational experiences and 3D virtual environments using custom apps and headsets.



## Advanced Robotics with Raspberry Pi

Build intelligent, vision-powered systems using Raspberry Pi, camera modules, Python programming, and Linux-based robotics with real-time data.



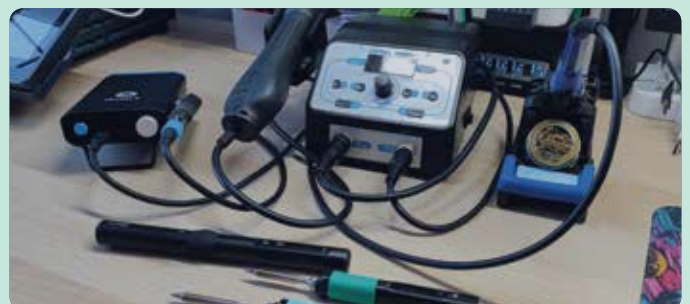
## 3D Designing & Modeling Kit

Use CAD software, PLA filaments, and 3D printers to bring real ideas to life. Learn industrial design, mechanical structure, and product development.



## Soldering Kits

Practice real-world assembly skills with circuit boards, soldering irons, and safety tools. Learn repair and hardware integration.



# FACULTY TRAINING & SCHOOL ENABLEMENT

## For Educators

- BRET Innovations pedagogy & NEP-aligned teaching practices
- Practical technical skill development
- Classroom-ready lesson plans
- Certification and continuous mentoring



## For Students

- Full lab setup & annual execution support
- Technical troubleshooting & kit maintenance
- Exhibition & competition planning
- Custom implementation models



# OUR METHODOLOGIES



We use modern instructional methods to maximize student engagement and skill development

- Project-Based Learning (PBL)
- Tinker-to-Innovate Approach
- Design Thinking & Iterative Building
- Hands-on Assessment & Certification
- Skill Mapping to Industry Needs
- Portfolio Building through Capstone Projects

Each session is designed to go beyond textbooks and foster real-world readiness.

## OFFERINGS FOR SCHOOLS & PARTNERS

### For Students

- Annual program calendar and LMS access
- Structured innovation curriculum
- Regular workshops, exhibitions & challenges
- Continuous mentoring and academic support

### For Educators & NGOs

- Affordable implementation packs
- Custom partner support for large-scale deployments
- Data tracking and transparent reporting
- Aligned with SDG, CSR, and government goals
- Faculty Development Program

# WHY BRET INNOVATIONS?

At BRET Innovations, we're not just putting together labs; we're all about shaping futures. Our programs focus on giving students real hands-on experience with tech education that meets global standards. With our awesome kits, knowledgeable trainers, and engaging methods, we're making sure students gain 21st-century skills that go way beyond just what's in the classroom. Here's why schools and partners all over India are picking BRET Innovations:



Aligned with NEP 2020 & national frameworks



Kits designed for real-world application



Certified trainers and technical experts



Hands-on pedagogy, not screen-based



Full academic-year planning & support



Continuous R&D on curriculum & kits



Student outcomes with portfolio showcase



Trusted by schools, NGOs, and CSR programs



**BRET**  
INNOVATIONS

# GET IN TOUCH

-  **Phone :** 7319689550
-  **Email :** [info@bretinnovations.com](mailto:info@bretinnovations.com)
-  **Website :** [www.bretinnovations.com](http://www.bretinnovations.com)
-  **Location :** Purnea, Bihar - 854301

Join us in building the next generation of creators,  
innovators, and change-makers.