2025

BRS-Labs
Brilliant Remote Sensing Labs

# BRS-LABS
# COMPANY PROFILE

BRS-Labs is pioneering the future of remote sensing education. We're not just teaching technology; we're empowering a generation of innovators to explore our world from above.Through cutting-edge online platforms, hands-on projects.

# ABOUT
# COMPANY

**BRS-Labs is a leading provider of online remote sensing and space technology education. With a 10-year track record of success, we empower individuals and organizations with the knowledge and skills to leverage the power of Earth observation data.**

# OUR
# MISSION

To make remote sensing education accessible, engaging, and impactful, fostering a global community of skilled professionals who contribute to solving real-world challenges.

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# PIONEERING THE FUTURE OF REMOTE SENSING EDUCATION


Signing an education agreement with CEO of NSSA, DR. Mohamed E. Al-Aseeri

BRS-Labs is a leading EdTech company specializing in satellite and remote sensing science education. Our platform, the Remote Sensing Portal, provides professional-level courses and certifications for individuals and organizations seeking to advance their expertise in geospatial technologies.

We are Hexagon SIG's only global developing educational partner, the American company behind the renowned ERDAS IMAGINE software, giving our learners exclusive access to industry-standard tools and resources.

We have a proven track record of success, having worked with various esteemed entities such as the United Nations World Food Programme (UNWFP), Las Vegas Water Valley District on international training programs, and the Egyptian Space Agency on knowledge transfer initiatives.

www.brs-labs.com

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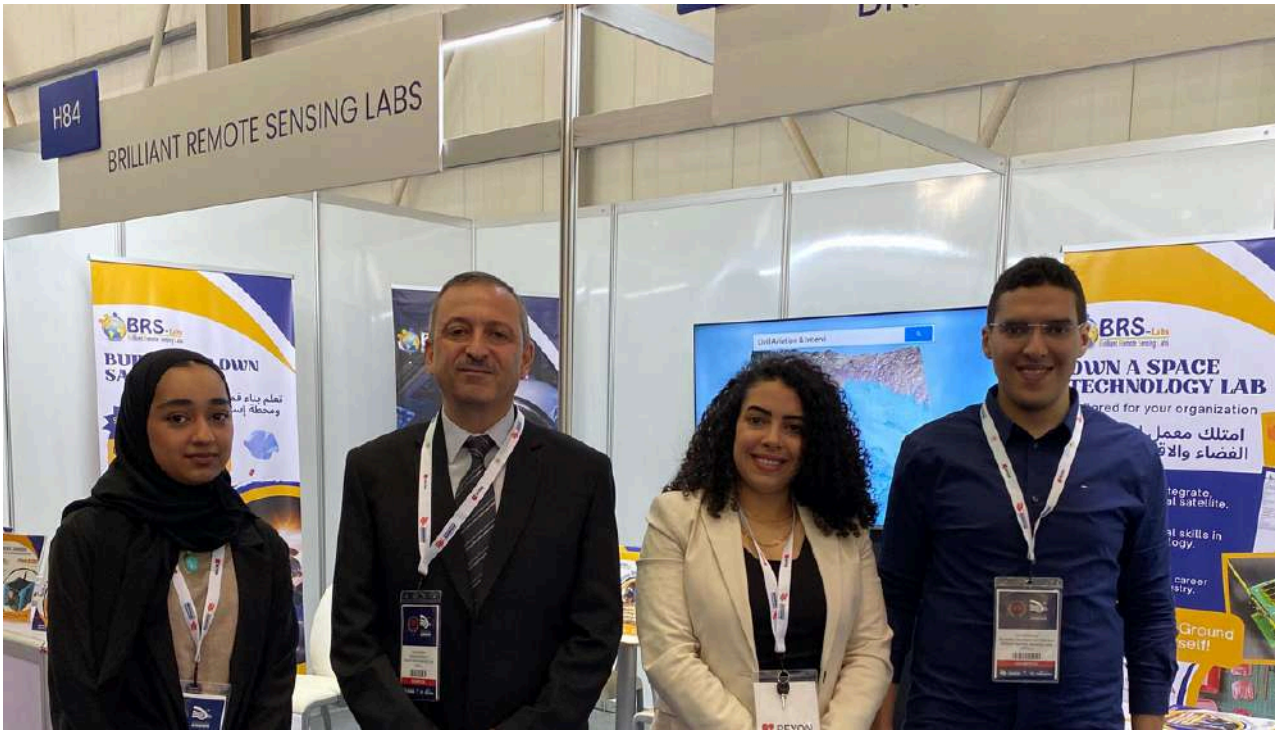
# OUR **VALUES**




- **Innovation:** We are committed to staying at the forefront of remote sensing technology and educational practices.
- **Excellence:** We strive for the highest standards in our curriculum, instruction, and student support.
- **Collaboration:** We believe in the power of partnerships to advance remote sensing education and research.
- **Accessibility:** We are dedicated to making our programs accessible to learners of all backgrounds and locations.
- **Impact:** We are driven by the potential of remote sensing to address critical global issues.

# THE COMPANY EXPERTISE

- **Comprehensive Curriculum:** We offer a structured learning path from beginner to professional levels, covering a wide range of remote sensing topics and applications.
- **Industry-Standard Software:** Our courses incorporate ERDAS IMAGINE, the leading software for remote sensing data analysis.
- **Hexagon Certification:** Our programs are certified by Hexagon SIG, a global leader in geospatial technology, ensuring industry recognition and credibility.
- **Experienced Team:** Our team comprises experts with decades of experience in remote sensing, education, and technology.

# OUR OFFERINGS

- **Online Courses:** We provide self-paced and instructor-led online courses through our two dedicated Learning Management Systems (LMS).
- **Professional Development**: We offer specialized training programs for professionals seeking to enhance their remote sensing skills.
- **K-12 Education:** We engage young learners with interactive and fun remote sensing activities through our dedicated K-12 platform.
- **Educational Partnerships:** We collaborate with schools, universities, and organizations to integrate remote sensing into their curricula and programs.


# OUR PROJECT

## Learning Managment System for EgSA

BRS-Labs partnered with EgSA to develop a customized LMS, trained their staff to become certified trainers, and optimized the platform's SEO for increased visibility. This project highlights BRS-Labs' expertise in delivering innovative solutions and promoting Space Technology education.

## United Nations World Food Programme (UNWFP)

BRS-Labs collaborated with the United Nations World Food Programme (UNWFP) to enhance their staff's capabilities in utilizing remote sensing technology for humanitarian aid and development. Through our online portal, remote-sensing-portal.com, UNWFP personnel accessed specialized courses covering various applications of remote sensing, . This training equipped UNWFP teams with valuable skills to improve their data-driven decision-making and optimize their efforts in combating hunger and poverty worldwide.

## Space Technology Courses for K12 Students

BRS Labs is proud to announce the launch of our new space technology courses designed specifically for K12 students! We believe in inspiring the next generation of scientists and engineers, and our programs are designed to do just that.
To give our students hands-on experience, we're currently establishing a state-of-the-art Space Technology Lab. Here, students will get to do the practical work of assembling and integrating satellites, turning their classroom knowledge into real-world skills. We can't wait to see what they build!

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BUSINESS

# GROWTH

- **Global Reach**: We have reached over 1,900 students from 120+ countries, fostering a global community of remote sensing learners.
- **Industry Recognition**: We are recognized as an authorized "Developing Education Partner" of Hexagon SIG.
- **Community Engagement**: We are a sustaining member of the International Society of Photogrammetry and Remote Sensing (ISPRS).

# OUR PARTNERS & CLIENTS

HEXAGON

isprs

ORION SPACE

LABTRONIC

NSSA

EgSA

Egyptian Space Agency

# OUR REMOTE SENSING PORTAL CERTIFICATES

## Certification Modules:

- **Remote Sensing Specialist Certificate.. RSS™ (includes 9 short courses).**
- **Remote Sensing Professional Certificate.. RSP™ (includes 4 short courses).**
- **Remote Sensing Solution Developer Certificate.. RSSD™ (includes 3 short courses).**
- **Certified Satellite Assembly, Integration & Test Expert (SAIT Expert).**

# OUR K12 SPACE ACADEMY CERTIFICATES


Designed for students aged 11-18: Students apply knowledge to analyze genuine satellite data and tackle authentic challenges

## Certification Modules:

- **Certified Junior Astronaut**
- **Satellite Image Analyst & Interpreter**
- **Satellite Image Processing & Remote Sensing Specialist**
- **Certified Junior Satellite Systems Engineer**

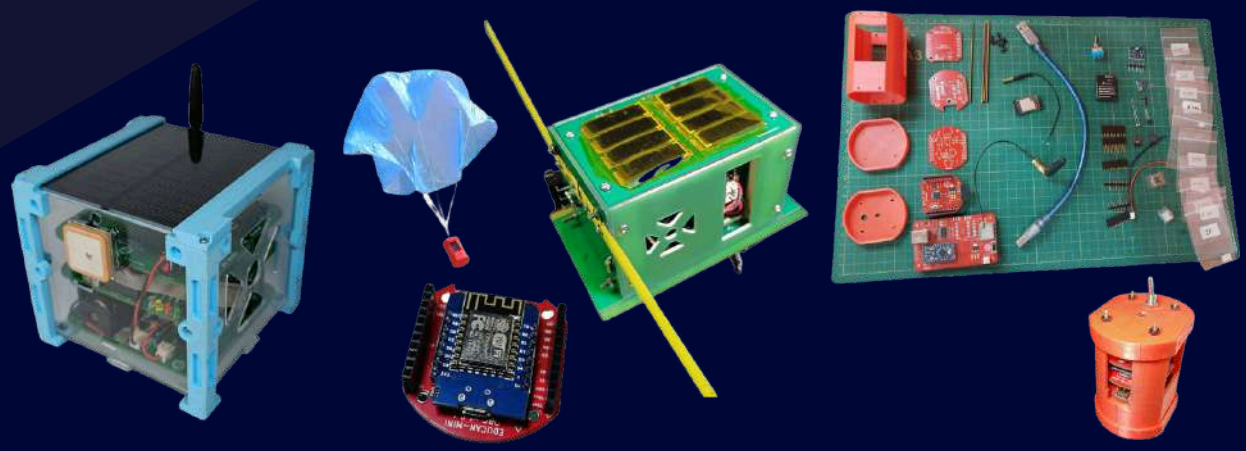
1. **Satellite Assembly, integration, and testing Course using the educational satellite (SAIT Course EDUCAN CanSat)**
2. **SAIT Course EDUCAN-Mini**


HEXAGON
BRS-Labs
Brilliant Remote Sensing Labs
Training partner
CERTIFICATE
K12 Space Science & Satellites Academy
This is to certify that
Ahmed Abdur Raheem Faruqi
has successfully completed
SATELLITE ASSEMBLY, INTEGRATION, AND TESTING COURSE
USING THE EDUCATIONAL SATELLITE (EDUCAN CANSAT) FROM ORION SPACE
in June 2025
with a grade distinction
Certified
Signature
Global Education Manager
Signature
Director & Authorised Instructor
Brilliant Remote Sensing Labs
Note: Scan The QR code to verify this certificate from Brilliant Remote Sensing Labs
A member of the International Society of Photogrammetry & Remote Sensing ISPRS


Certificate
BRS-Labs
Brilliant Remote Sensing Labs FZ LLE
Remote Sensing Portal
This is to certify that
Ka Wah Philip Ng
has successfully completed
Satellite Assembly, integration, and testing Course
using the educational satellite (EDUCAN CanSat) from Orion Space
Course and Exam
in June 2025
with a grade distinction
Signature:
Course Designers
Signature
Director & Authorised Instructor
Brilliant Remote Sensing Labs
HEXAGON
GEOSPATIAL
Training Partner
Note: Scan The QR code to verify this certificate from The Remote Sensing Portal
A member of the International Society of Photogrammetry & Remote Sensing ISPRS

# SPACE TECHNOLOGY LAB DEVELOPMENT

In collaboration with our partners Orion Space and Labtronic, BRS-Labs offers comprehensive solutions for the design and development of cutting-edge space technology labs.



**We provide:**

- **Tailored Lab Design**: We work closely with organizations to understand their specific needs and objectives, designing labs that meet their unique requirements.
- **State-of-the-art Equipment**: Labtronic assists in equipping labs with advanced technology and resources, ensuring a conducive learning and research environment.
- **Satellite Educational Kits**: Orion Space provides hands-on learning experiences through satellite educational kits, enabling practical experimentation and skill development.
- **ERDAS IMAGINE Integration**: We integrate Hexagon's industry-leading ERDAS IMAGINE software into the lab environment, empowering users with powerful tools for image processing and analysis.

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# SAFETY IN MOUNTAIN OR DESERT CROSSING FOR MILITARY, OIL & GAS, MINERAL, RALLIES & SAFARIS

Safe Exploration" is a 360° Off-Road Trafficability Solution for both wheeled and tracked vehicles that ensures safe and efficient off-road exploration with our advanced trafficability maps and smart navigators for movements in dessert.


Key Features:

- Advanced Trafficability Maps: Utilize remote sensing, terrain analysis, and soil mechanics to identify optimal routes and avoid hazardous terrain.
- Smart Off-Road Navigators: Provide early warnings for potential dangers, real-time 3D analysis, and efficient route planning.
- Increased Safety: Reduce the risk of vehicle entrapment and accidents in challenging off-road environments.
- Improved Efficiency: Optimize routes and minimize delays, saving time and resources.

Benefits:

- Mitigate risks associated with off-road exploration.
- Enhance the safety of personnel and equipment.
- Improve operational efficiency and productivity.
- Gain a competitive advantage in exploration activities.

Applications:

- Military movements for wheeled and tracked vehicles
- Mineral, oil, and gas exploration
- Off-road rallies and safaris
- Desert and mountain expeditions
- Any activity requiring safe and efficient off-road navigation

# TESTIMONIAL

## Examples of our geospatial technology career preparation

Our Remote Sensing Portal helped a structural design technician for the California Department of Transportation, USA become qualified.


**Education system:** "The course has a strong structure. The subject sequence is well organized. The videos classes are well prepared and capture attention in a way that's dynamic, friendly and easy to understand."

**Testing system:** "The test questions are based on video lectures. The test evaluates all the information given during the video class. It was fun and challenging at the same time, I felt that I learned a lot."

**Learning cycle:** "I enjoyed the time spent during the video lectures, studying and taking the exams. This course helped me learn how to organize my time, create new study habits and gain confidence taking tests. Thank you so much! Congrats for your amazing work offering Remote Sensing training."



https://remote-sensing-portal.com/

## Examples of our geospatial technology career preparation

Our Remote Sensing Portal helped a PhD student in Australia become qualified.


"As a postgraduate student at RMIT University in Australia, I am pleased to study these online courses with many beneficial and informative materials to make this study useful and practical for me. The lessons move gradually from the basic to professional levels in a way that helps me build the specialized skills and knowledge required for my job as a geologist."



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# LET'S WORK
# TOGETHER


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