



Quassarian Innovations Robotics Lab Establishment



We are on a mission of creating industry pioneers from root. We setup next generation laboratories dedicated to nourishing robotics and AI curiosity among students in schools and colleges.

We encourage institutes to add-on Robotics as a subject for all its students studying science.

Along with robotics, we also help in eliminating the needs of going for off campus special technical courses like app development, AI, Web Designing, Ethical Hacking etc.

Regular fees can be added up with low cost annual membership fee. All member students can be availing following benefits:

- a. Lab access
- b. Weekly 4 periods
- c. Study Materials
- d. Innovation Award
- e. Entrepreneurship
- f. Industry visit
- g. Preparation for competition
- h. Free Seminars
- i. Certification

Negligible Investment | **Zero** Operating Cost | **No** dedicated Faculty
Required | Project Based **Certification**

The lab:

We will be setting up an advanced robotics facility with upgraded innovative components and development tools.

Highlights:

- ❖ Individual Kits
- ❖ In-house training
- ❖ Project based curriculum
- ❖ Certification
- ❖ Projects for competition
- ❖ Revenue sharing for institute

Lab Sections:

- ❖ Instrumentation Section
- ❖ Mechanical Section
- ❖ Electronics Section
- ❖ Robotics Section
- ❖ Software Section
- ❖ UAV Section
- ❖ 3D Printing Section

Campus visit for in-house training: 4 periods per week.

Innovation of the month: Students will be given innovation-challenge to solve industrial problems through their critical thinking using the skill taught to them. This gives rise to creative thinking and broader vision along with an industrial exposure.

Innovation Award: Students winning innovation of the month challenge will be awarded with **cash prize of Rs.50,000/-** by the company and a **patent share**.

Study Materials: Company will be providing study materials.

Project Manuals: Grade wise detailed project manuals will be provided by the company.

Industry Visit: Best performers will get industrial exposure in robotics and automation industry annually.

Entrepreneurship Support: Students with enterprising ideas will be supported by Quassarian Innovations and will be getting incubated under its startup incubation program.

Preparation for international and national level competition: Learners will be prepared for international and national level robotics competition to represent the institution.

Certification: Based on the annual test, qualified students will be provided certificate for grade qualification each for '**Grade Nebula**', '**Grade Star**' and '**Grade Supernova**' from Quassarian Innovations Private Limited.

We provide following certification post completion on the program:

1. Grade Nebula: For beginners.

i) Alpha Nebula ii) Beta Nebula iii) Gamma Nebula

2. Grade Star: Advance Learners

i) Alpha Star ii) Beta Star iii) Gamma Star

3. Grade Supernova: Expert level

i) Sigma ii) Super-Sigma

Additional Technologies:

- ❖ Android app development
- ❖ Website development and design
- ❖ Big Data and Hadoop
- ❖ Augmented Reality
- ❖ Artificial Intelligence

❖ .Ethical Hacking

Duration 45 days. Fee: 10,000/-

Infrastructure Requirement:

Robotics labs require a minimum 500 sq ft of area.

S.No	Items	Quantity
1.	Computer Desks	7
2.	Desktop Computers/Laptops	7
3.	Chairs	30
4.	Internet Connection (WiFi)	Minimum 2 Mbps
5.	Electricity ports	Minimum 35
6.	Projector Screen	1
7.	Cupboards with lockers	2
8.	White Board	6ft X 4ft
9.	Bookshelves	1
10.	Display Table	6ft X 4ft

- Requirements may vary

Quassarian Robotics and AI Lab

	Lab by Quassarian	Own your lab
Robotics & AI lab equipments	Will be setup by Quassarian Innovations Pvt. Ltd. as per number of students based on annual fee.	Will be purchased by institution from Quassarian Innovations Pvt Ltd.
Inception Cost	NA	Rs. 5 Lakhs to Rs. 10 Lakhs
Annual Membership fee (Per Learner)	Rs. 2000/-	NA
Training delivered by Quassarian Trainer	4 periods/week	4 periods/week
Per learner monthly training charge.	Rs. 400/-	Rs. 400
Minimum Registered students required	50	50
Quassarian Certification charges per student	700	700

Institute Obligation:

1. 1 Faculty to coordinate
2. Lab area along with desired infrastructure
3. Minimum commitment of 500 students.

Revenue Share:

	Institution	Quassarian
Classroom Programs	70%	30%
Workshop Programs	30%	70%
Robotics Lab	50%	50%

Marketing Support:

Blog releases, Press Releases, Print and Electronic media advertisement and other PR support. Social Media Promotion.