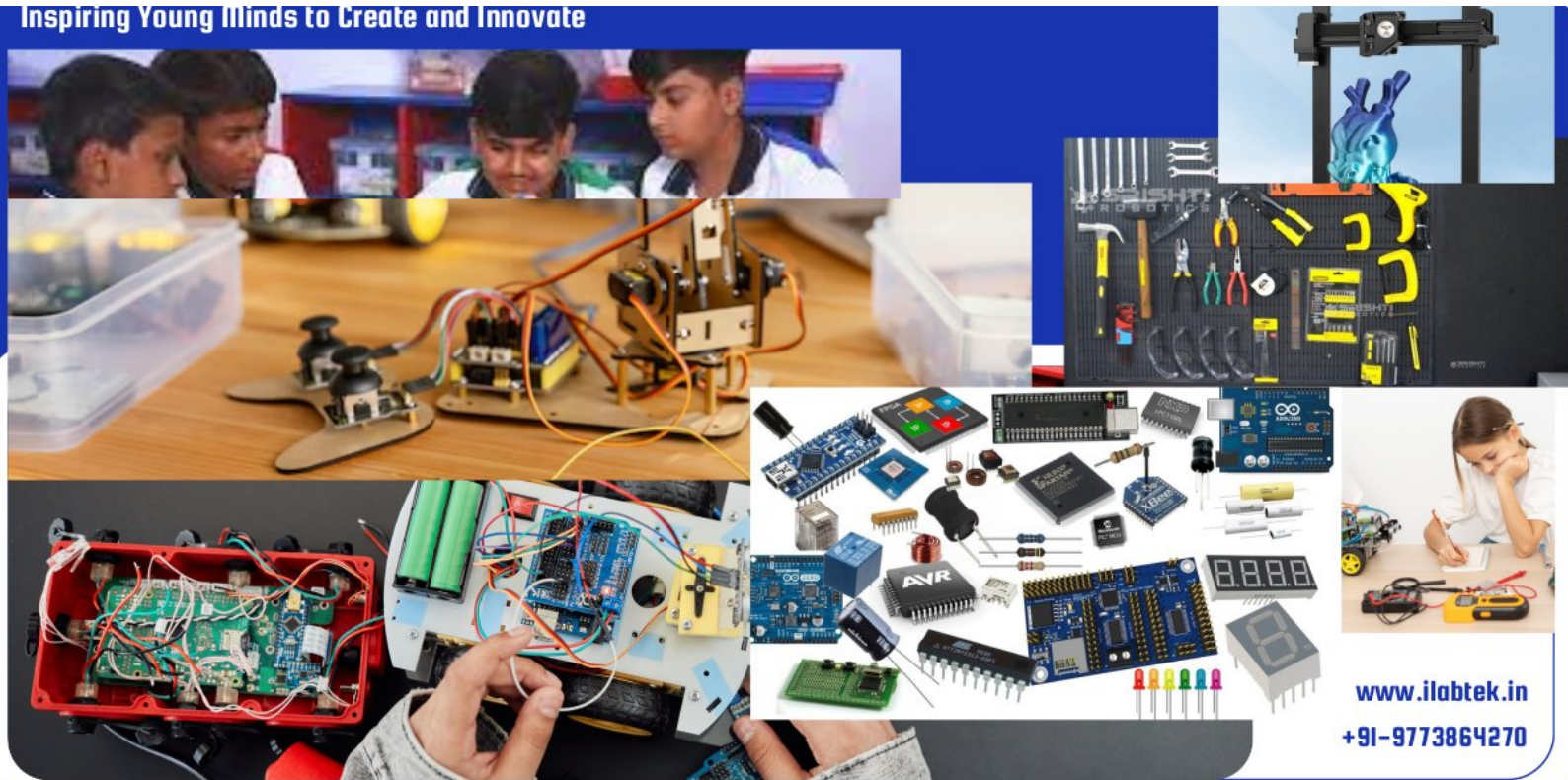


Atal Tinkering Lab Setup

Inspiring Young Minds to Create and Innovate



www.ilabtek.in
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Your Noida partner for school innovation labs

- iLabTek is an embedded-systems and STEM company at Urbtech NPX Tower, Sector 153, Noida.
- We help schools set up STEM labs, AI classrooms, Atal Tinkering Labs, and robotics rooms — one vendor from the bill of materials to teacher orientation.
- Principals get a priced kit list, a GST invoice, India-wide dispatch, and a faculty workshop so the lab is used in term one.
- The aim is simple: students invent with electronics, code, 3D printing, and AI instead of only reading about them.

WHAT WE SET UP

STEM Lab

Weekly plans, kits, and teacher enablement for grades 6–12.

AI classroom

Coding platforms plus first vision and chatbot labs.

Atal Tinkering Lab

AIM-aligned packages P1–P4, or one complete lab.

Robotics lab

Path-follow, balance, RC, voice, and vision kits.

What an Atal Tinkering Lab is

- Atal Tinkering Labs are a NITI Aayog programme under the Atal Innovation Mission. They build creativity, design thinking, and computational skills in students aged 6–18.
- A working ATL gives the school robotics, IoT, sensors, 3D printing, electronics, and coding — the same stack used in a school STEM and AI lab.
- That matches NEP 2020: hands-on work, 21st-century skills, and a real innovation mindset — not a locked cupboard of unused kits.
- iLabTek prices four AIM-aligned packages from the official setup sheet. Order the kits you need, or the complete lab at ₹1,35,078.



ATL equipment packages (P1–P4)

P1 ₹25,620

Electronics, IoT, Robotics & Sensors

Arduino-class boards (×30), Raspberry Pi-class boards (×5), breadboards, USB, LCDs, proto shields, motors, and basic-to-advanced sensors.

P2 ₹33,496

Rapid prototyping tools

FDM 3D printer kit, UPS backup, 1 kg PLA filament, dry storage, and classroom prototyping tools.

P3 ₹66,545

Mechanical, electrical & measurement

Hand tools, drill workstation, soldering kit, digital multimeter, scope, calipers, and layout tools.

P4 ₹9,417

Power, accessories & safety

Fasteners, glue, wiring, power strips, first-aid kit, extinguisher, goggles, gloves, and masks.

What ships with a complete ATL lab

₹1,35,078

Complete lab — Packages 1 to 4 together

- Order as four kits or one complete lab. Prices match the ATL setup sheet used on ilabtek.in/stem-labs.
- Teacher orientation can sit on the same GST invoice: equipment use, first-term lesson plans, and project guidance.
- Quoted separately when needed: room furniture, extra consumables, extra 3D capacity, and a 3–6 month senior-school internship.
- India-wide dispatch from Noida. Freight for full lab crates is confirmed on the school purchase order.



Full-service support for schools

● Procurement & commissioning

One vendor for the principal and the coordinator: priced BOM, GST invoice, delivery, bench layout, and a ready-to-use lab. You do not have to chase four suppliers.

● Teacher training

Hands-on faculty workshops, NEP 2020 activity guides, and a first-term playbook so the lab is on the timetable — not locked in a store room.

● Operational support

Maintenance and replacement help, ATL documentation, competition mentoring, and ATL Marathon preparation after the first showcase week.

● Warranty & compliance

Equipment warranty plus NITI Aayog / GEM-aligned bills of materials. MSME-registered supplier dispatching from Noida.

Pricing and a 4–6 week plan

Equipment (ex-freight)

Package 1 – Electronics, IoT & robotics	₹25,620
Package 2 – 3D prototyping	₹33,496
Package 3 – Tools & measurement	₹66,545
Package 4 – Power & safety	₹9,417

Complete lab (P1–P4) **₹1,35,078**

GST extra as applicable. Freight is confirmed on the school quote. Room infrastructure, extra consumables, and extra training are quoted separately – they are not in the kit prices.

Typical 4–6 week plan

- Week 1 – Room survey, requirement list, and order finalisation.
- Week 2–3 – Procurement and delivery of equipment to the school.
- Week 4–5 – Bench layout, installation, and lab readiness.
- Week 6 – Teacher training and commissioning.

Labs set up at schools

Delhi Public School, Noida

ATL LAB SETUP

Kits, install, teacher orientation

Amity International School, Noida

STEM LAB

Kits, install, teacher orientation

Lotus Valley International School, Noida

ROBOTICS LAB

Kits, install, teacher orientation

Genesis Global School, Noida

AI CLASSROOM

Kits, install, teacher orientation

Ryan International School, Greater Noida

ATL LAB SETUP

Kits, install, teacher orientation

The Khaitan School, Noida

STEM + ROBOTICS

Kits, install, teacher orientation

[Request a school quote](#)

Let's build a future-ready school lab with you.

Share the grades, room size, and whether you need ATL, STEM, AI, or robotics. We will send a tailored proposal with a GST invoice.

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Ready when the grant or PO is.

Call or write. We reply with a kit list, freight note, and a teacher-training option.

[Request a quote](#)