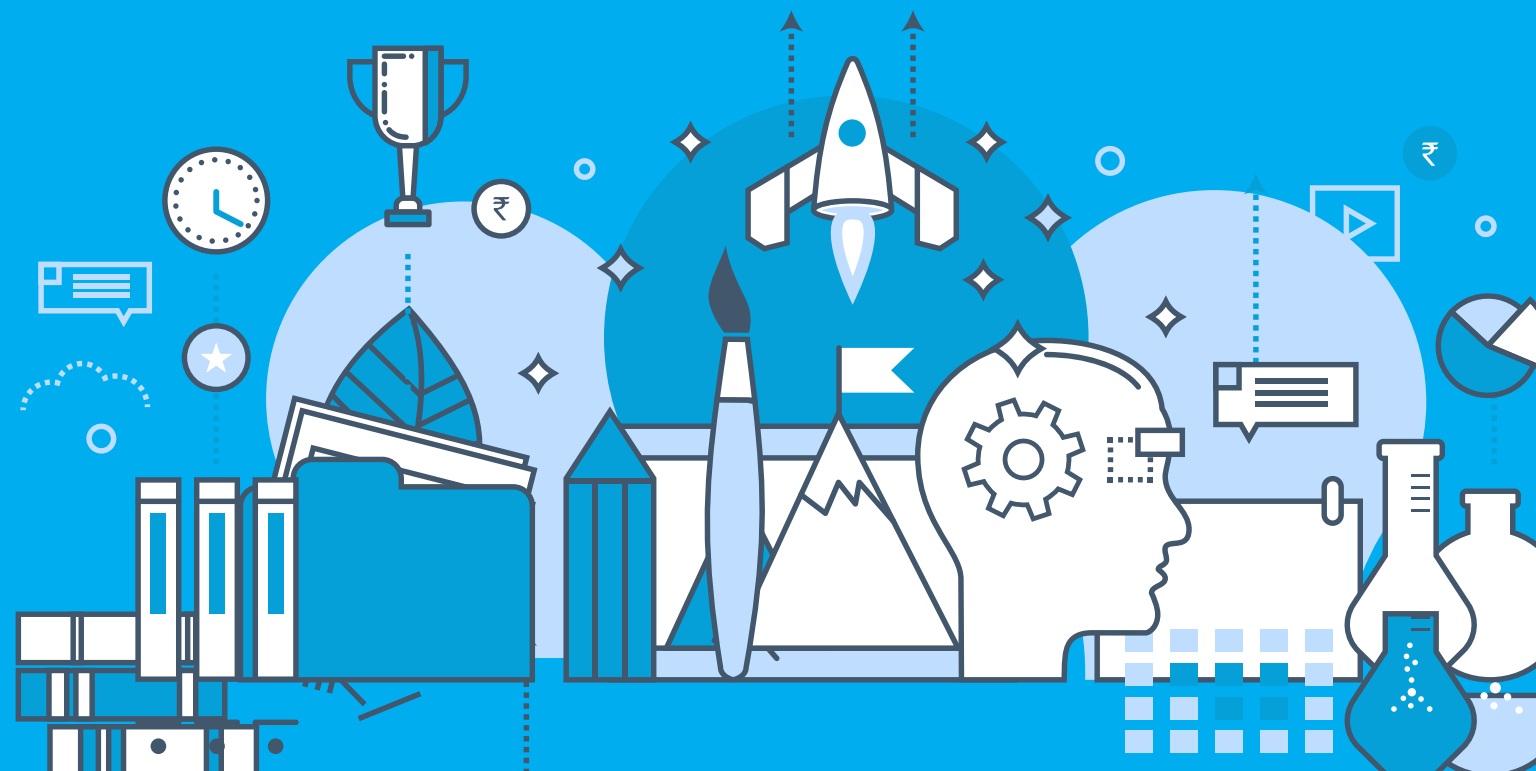
NITI Aayog

ATAL INNOVATION MISSION

ATAL TINKERING LAB

STUDENT INNOVATOR PROGRAM (SIP)



Take up one idea. Make that one idea your life, think of it, dream of it, live on that idea, let every part of your body be full of that idea and just leave every other idea alone. This is the way to success

Shri Narendra Modi

ABOUT

The ATL Student Innovator Program (SIP) is an effort to institutionalize a mechanism, where the students with the most ingenious idea(s) are trained on business and entrepreneurial skills and get a chance to work with the industry incubators to pursue their innovative ideas along with their education

GOAL

The program is designed to inculcate and foster innovation and entrepreneurship of young innovators across the country

WHY ATL **SIP?**

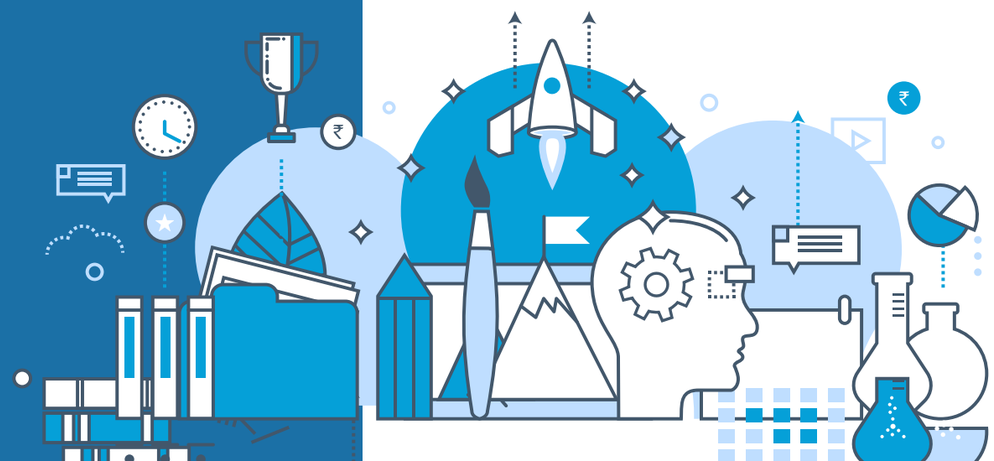
The advent of the fourth industrial revolution, discerned India as an aspiring country with the largest youth population in the world, hence it is critical for India as a country to create a robust employment and entrepreneurship ecosystem. Entrepreneurship requires hands-on exposure more than ‘classroom based education’, the focus should be to train students to be enablers rather than performers. Technological innovation ensures long-term gains in efficiency and productivity. An ecosystem of innovation and entrepreneurship is the need of the hour where students learn, create and innovate while learning the skills of the future.

“Innovation distinguishes between a leader and a follower”

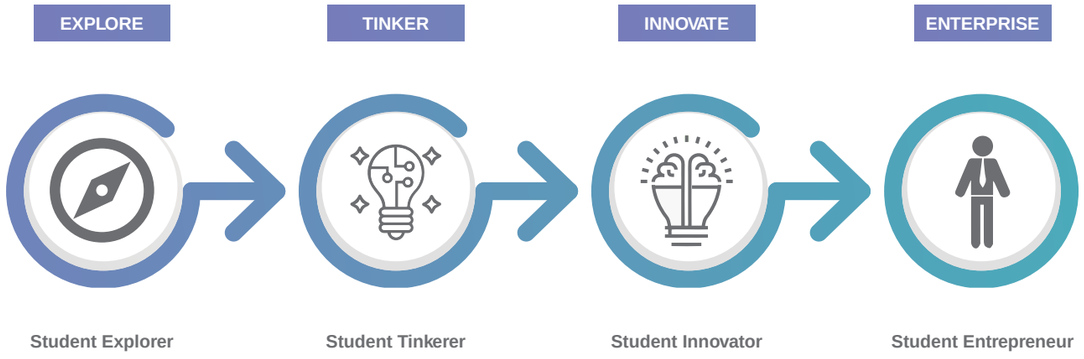
– Steve Jobs

To stimulate the growth of a country like India, considering its large demographic dividend and talent pool, there is an urgent need of placing innovation and research a central position in the nation’s development.

The AIM community has thousands of schools spread across the country where students become part of an ecosystem of free thinking, creating and innovating.



THE ATL - SIP STUDENT JOURNEY



ATAL TINKERING LAB

Support and encourage students with long term learning goals and inculcate the culture of inquisitiveness and innovation

ATL MARATHON

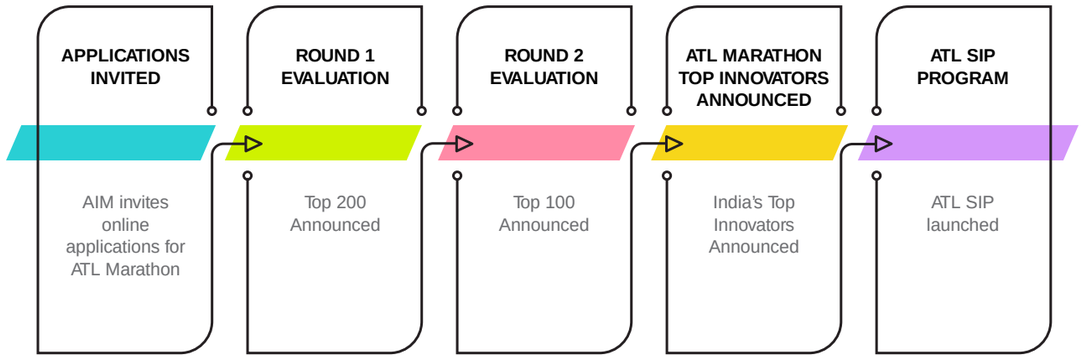
National level Innovation challenge where students identify community problems and develop innovative solutions in the form of working prototypes

ATL STUDENT INNOVATOR PROGRAM

Support the student teams towards developing a complete product package with business/ product pitch/ presentation and test their innovation on-ground

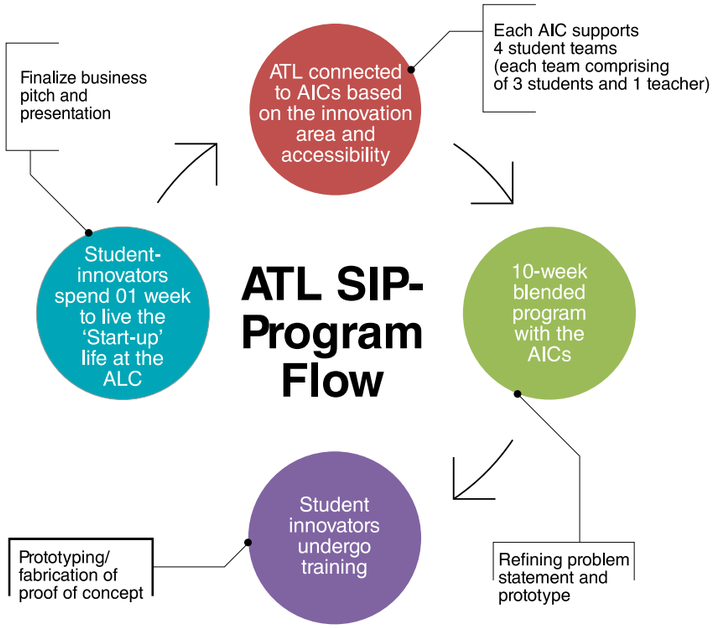
From Student-innovators to Student-entrepreneurs

THE ATL SIP PROTOTYPE JOURNEY



Top innovations identified across various focus areas from the ATL Marathon are awarded the ATL Student Innovator Program (SIP) in collaboration with AICs

ATL - SIP PROGRAM FLOW



ATL STUDENT INNOVATOR PROGRAM: WHAT'S NEW?

ATL SIP is a unique opportunity where the Student-Innovators get a chance to:

Technology Readiness Level	•Identify the Technology Readiness Level of the prototype •Evolve and scale-up the current prototype
Prototype to Minimum Viable Product	•Conceptualize the Look and Feel of their Product
Intellectual Property Rights	•Understand the importance of Intellectual Property Rights •Mentorship for Patent/Trademark/Copyrights process
Present Professionally	•Practice and preach the professional culture •Create professional presentations for their product
Living the 'Start-up' Life	•Spending time with the best and World-Class Incubators of India

THE CONCLUSION:
ATL SIP BOOTCAMP

WHAT?

ATL SIP Bootcamp is a 5-day onsite Bootcamp hosted by the AIC at their facility as a part of the Student Innovator Program

OBJECTIVE

To develop a minimum viable product via the prototyping and machinery support provided by the AIC.

AWARDS & RECOGNITION

ATL Marathon's Top 30 Innovations showcased through a booklet.

The Student-Innovators graduate as the Student-Entrepreneurs of ATL, and are given a showcase opportunity to Investor network and raise money.

SEP teams will receive further mentorship, funding for IPR and product design, and product deployment in market in collaboration with AIM's Corporate Partners

06	650	TOP 30	16
Focus Areas	Marathon entries	announced for SIP	AICs

ATL Marathon's Top 50 Innovations selected for ATL SIP 2.0

Top Student-Entrepreneurs of ATL receive further support via the Student Entrepreneurship Program (SEP).

08	1400+	TOP 50	13
Focus Areas	Marathon entries	announced for SIP	AICs

"We wanted students to take their ideas to the next level through our sessions and provide them with deeper insights into innovation and design thinking and help them build better solutions"

– Mr. Snehal Shetty COO (Amrita TBI)

Young innovators test high-tech ideas at boot camp

Week-long event at Sri Krishnadevaraya University's Atal Incubation Centre ends on a promising note

SPECIAL CORRESPONDENT
ANANTAPUR

Fifty students from four schools in Andhra Pradesh converged at the Atal Incubation Centre at Sri Krishnadevaraya University for a week to convert their innovative ideas into implementable product design proposals.

The boot camp concluded on the university campus last week and the students were encouraged to continue working on these ideas in order to make them production-ready in the days to come.

The four schools were selected at the national level by the Atal Innovation Mission from among the schools that were enrolled under Atal Tinkering Labs (ATLs). As part of honing their skills under the Student Innovator Programme 2.0, the students underwent a 10-week training schedule (nine weeks online and one week at a physical laboratory).

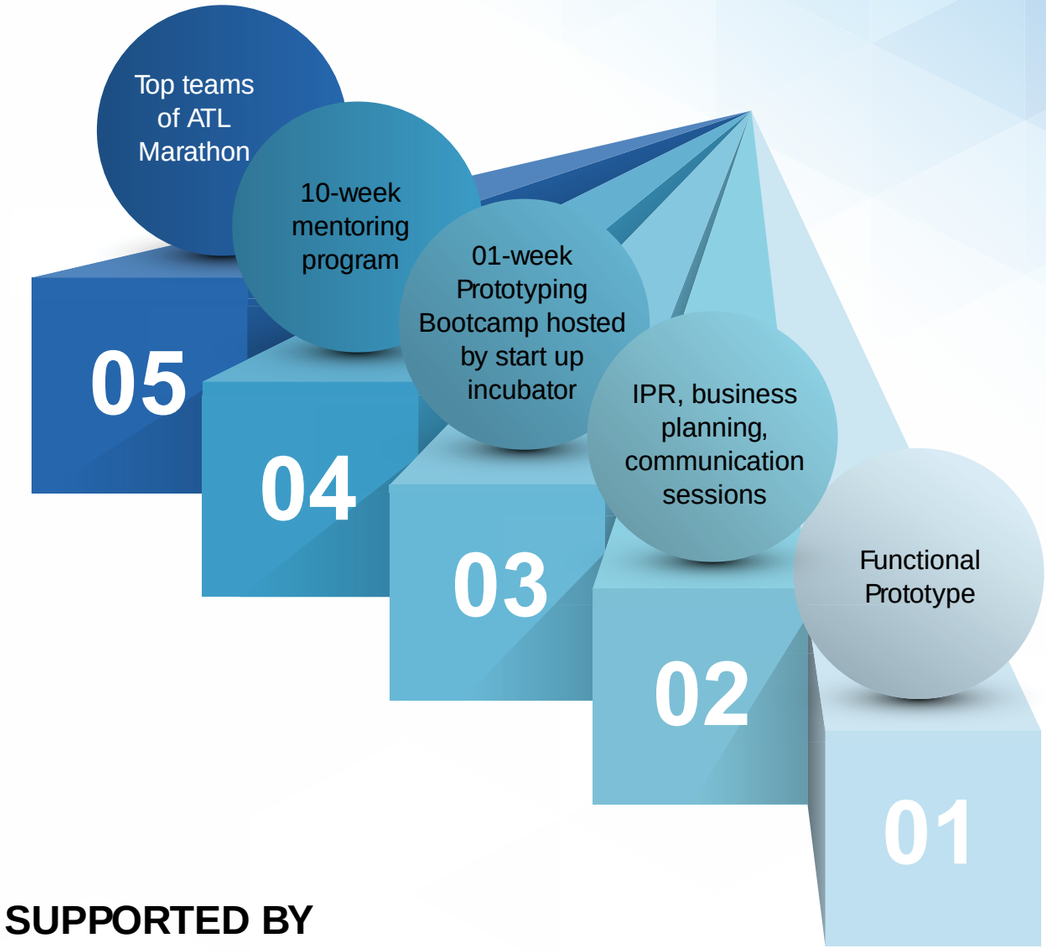
Students participating in the boot camp organised at Atal Incubation Centre at Sri Krishnadevaraya University in Anantapur. • R.V.S. PRASAD

With the help of the ATLs, girls from Andhra Pradesh Social Welfare School-Tallapalem in Visakhapatnam district came up with the idea of a chip that would assist their friends and classmates to hear by sending soundwaves directly to the bone. Mentors explained to them the process of registering their idea for Intellectual Property Rights. They also explained about the product development plan and a business development plan by setting up a startup for producing these chips on a commercial scale, said AIC director K. Nagabhushan Raju.

The teams from APSWRS Peddapavani (Prakasam district) and Kovvur (West Godavari) came up with solutions for an alerting system for damage caused to crops by cattle and a 'smart dustbin' for public garbage collection points with a GPS-enabled gadget. The fourth team from A.P. Model School at Dechavaram in Guntur district experimented with low-cost Radio-Frequency Identification (RFID)-fitted toll points either on highways or at parking lots.

“We learnt about the product development plan and a business development plan by setting up a startup for producing our idea on a commercial scale”

– Students from Andhra Pradesh Social Welfare School (Tallapalem, Visakhapatnam)



SUPPORTED BY


NITI Aayog
ATAL INNOVATION MISSION