



ATL MANUAL

Guidelines for setting up
Tinkering Labs

2026

FRONTIER REGION PROGRAM

MEGHALAYA



**Guidelines for setting up of Tinkering
Laboratories under Atal Innovation Mission 2.0 –**

**Frontier Region Program
'Atal Tinkering Laboratories'**

**Government of India, NITI Aayog
Atal Innovation Mission**

October 2026

Atal Innovation Mission (AIM), a flagship initiative under NITI Aayog, Government of India, promotes innovation and entrepreneurship nationwide by building a comprehensive innovation pipeline. This includes over 10,000 Atal Tinkering Labs (ATLs) in schools that nurture curiosity and problem-solving among students from Classes 6 to 12, along with 81 Atal Incubation Centres (AICs), 20 Atal Community Innovation Centres (ACICs), and more than 50 challenges under the Atal New India Challenge (ANIC) to support startups and ecosystem innovation. All the above initiative were taken under AIM 1.0.

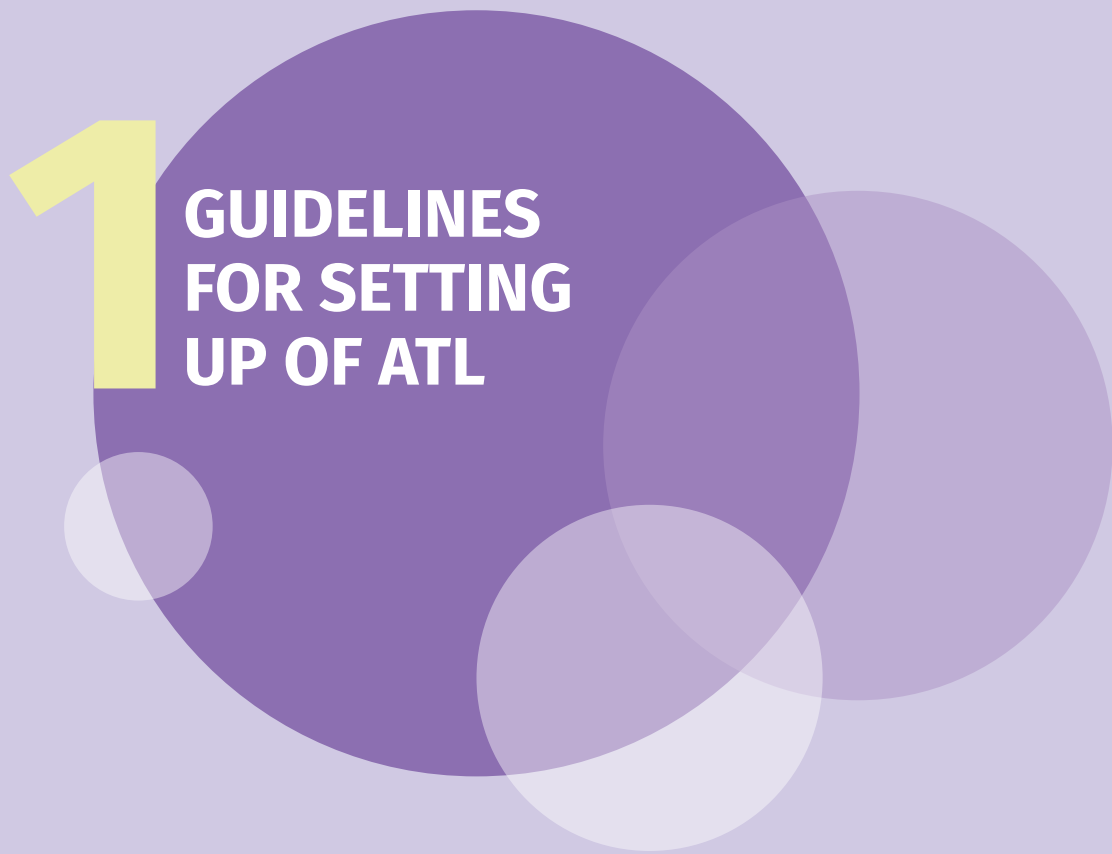
AIM has launched Frontier Region Program under AIM 2.0, which seeks to strengthen innovation ecosystems across India's border and aspirational regions by developing customised innovation and entrepreneurship templates for frontier regions such as Jammu & Kashmir, Ladakh, the North Eastern States, and Aspirational Districts and Blocks. As part of this effort, 2,500 new Atal Tinkering Labs are proposed to be established across these regions to expand access to innovation opportunities for school students.

The initiative aims to foster curiosity, creativity, and imagination among young minds and inculcating 21st century skills such as Internet of Things, 3D printing, rapid prototyping tools, robotics and miniaturized electronics. AIM is committed to take innovation to the last mile. Meghalaya, with its immense talent and unique potential, is at the heart of AIM's Frontier Region Program. The collaboration between schools, universities, and incubators here will become a model for the rest of the country.

This manual presents a customised template for setting up new ATLs in Meghalaya incorporating modified guidelines, selection criteria, and the applicable terms and conditions for the establishment of ATLs. The document includes sample application form for eligible schools applying to establish ATLs. The provisions have been structured to ensure clarity, consistency, and ease of implementation across all stages.

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1 GUIDELINES FOR SETTING UP OF ATL

GUIDELINES FOR SETTING UP OF ATAL TINKERING LABORATORIES (ATL)

1. Background

- 1.1 The Government of India has setup the Atal Innovation Mission (AIM) at NITI Aayog. Realising the need to create scientific temper and cultivate the spirit of curiosity and innovation among young minds, AIM proposes to support establishment of a network of Atal Tinkering Laboratories (ATL) in India. ATL is a work space where young minds can give shape to their ideas through hands on do-it-yourself mode and learn / develop innovation skills. The vision is to '*Cultivate 1 Million children in India as Neoteric¹ Innovators*'.

2. Objectives

- 2.1 The objective of this scheme is to foster curiosity, creativity and imagination in young minds and inculcate skills such as design mind-set, computational thinking, adaptive learning, physical computing, rapid calculations, measurements etc. Young children will get a chance to work with tools and equipment to understand what, how and why aspects of STEM (Science, Technology, Engineering and Math).

3. Features of Scheme

- 3.1 ATLs can be established in schools (minimum Grade VI – X) managed by State/Central Government, Local body (Municipality / Nagar Nigam), Private trusts/ society or Tribal/Social welfare department etc.

4. Funding Support

- 4.1 The applicant schools would be provided financial support in the form of Grant-in-aid for a maximum period of 5 years.
- 4.2 Key aspects of funding ATLs in schools:
- a) One time establishment charge of up to Rs. 10.00 lakh would be provided for each ATL in the first year for instruments, prototyping equipment like do-it- yourself kits, 3D printer, electronic tools, etc. An illustrative list of equipment and kits is at Annexure V. A checklist of mandatory equipment and other infrastructure would be communicated to selected schools. The schools will procure equipment and kits at their end, however the AIM will provide the guidance for the same.

¹ Neoteric means a person who advocates new ideas

- b) An amount of Rs. 10.00 lakh would be provided for each ATL over a maximum period of 5 years for operation of ATLs, maintenance of equipment, purchase of consumables, organising popular science lecture series, innovation events and other scientific activities, competitions and payment of honorariums to the faculty and mentors involved.
- 4.3 Contributions from philanthropic and other institutions and under Corporate Social Responsibility (CSR) would be encouraged for financing / upgrading ATLs. Local Industry / Institution will be encouraged to support the initiative by creating subject/domain specific exhibits/tinkering laboratory facilities.

5. Infrastructure

- 5.1 The School shall provide a minimum of 600 sq. ft. of built-up space to set up the ATL. The existing facilities for meeting rooms and video conferencing among others can be used to supplement the laboratory space.
- 6 Applicant schools intending to establish ATLs may visit <http://www.aim.gov.in> and submit their application online to the Atal Innovation Mission, NITI Aayog. The prescribed application format is at Annexure III. Additionally, a declaration form on the school letterhead will have to be uploaded online by the school, the format is at Annexure IV. It can also be downloaded from the application form.
- 7 The applicants would be screened based on the screening criteria. Shortlisted applicants will then be evaluated based on Selection Criteria (Annexure II).
- 8 Selected Schools will be required to enter into a Memorandum of Agreement (MOA) (Annexure V) and Bond (Annexure VI) with AIM. The schools managed by Government (Central / States) or local body (Municipality / Nagar Nigam) are exempted from executing the Bond.
- 9 The above Scheme and guidelines are subject to periodic review/revision in consultation with MHLC of Atal Innovation Mission.
- 10 The Terms and conditions of the scheme are in Annexure I.



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**TERMS AND
CONDITIONS FOR
ESTABLISHMENT
OF ATL**

ANNEXURE I

TERMS & CONDITIONS

1. The purpose of this document is to provide information to the interested applicants for the submission of their application form online through AIM Website. It is neither an agreement nor an offer made by AIM or any guarantee for selection of School for the award of grant-in-aid for establishment of ATL.
2. All communications related to the scheme including announcements of shortlisted applicants and final selection of applicants will be published on the AIM website. AIM will not engage in any individual formal/informal communication with any consulting firm or other agency who is not the applicant for ATL.
3. AIM does not make any representation or warranty as to the accuracy; reliability or completeness of the information in this document and it is not possible to consider any accuracy in particular of each applicant.
4. No applicant shall submit more than one application. Applicants shall not submit any false or inaccurate information in full or part at any particular section in the application prepared by any commercial agency or agent.
5. The issue of these guidelines does not imply that AIM is bound to select an applicant. AIM reserves the right to accept/reject any or all of proposals submitted in response to the document at any stage without assigning any reasons whatsoever.
6. AIM's decision will be final and no explanation or justification for any aspect of the selection process shall be given.
7. Applicants shall bear all costs associated with the preparation and submission of their proposals, and their participation in the selection process.
8. Applicants may seek clarification on the guidelines within five days from the date of issue of guidelines. Any request for clarification must be emailed to md-aim@gov.in.
9. Applicant schools would be required to put in place the requisite physical infrastructure such as laboratory and workshop facilities, computer lab with internet within a period of 3 to 6 months from the date of release of funds. Other desirable facilities including meeting room and video conferencing facility to chat with experts in real time prior to the need arise during establishment can also be set up by the schools, if possible.
10. ATL would contain educational and learning 'do it yourself' kits and equipment on science, technology, electronics, robotics, open-source microcontroller boards, sensors and 3D printers, etc. An illustrative list of equipment.

11. The timings of ATL should be such that it allows students to come even after working hours of the host institution (Applicant) to experiment and tinker. During working hours, mandatory time period of 1-2 hours per week must be included in the curriculum to introduce the concept of tinkering labs, as per the latest notification from Ministry of Education-
<https://aim.gov.in/pdf/MoE%20DO%20letter%20dt%2018.06.2024%20reg%20ATL%20P eriod%20 and%20Curriculum.pdf>
The applicant should also spread awareness about the tinkering and innovation activities and share ATL with surrounding schools and children from the nearby community.
12. Applicant schools would be required to identify and appoint adequate number of faculty members and a dedicated ATL In-charge who would be responsible for managing the day- to-day operations of the laboratory. In the event of any change in leadership and staff, including the transfer or resignation of Principal and ATL In-charge, immediate intimation must be provided to AIM so as to get their database updated in AIM records.
13. States/UTs shall be encouraged to adopt and promote the 'ATL Sarthi' initiative, a cluster-based self-monitoring and evaluation framework, to strengthen the ATL ecosystem. Such clusters may facilitate institutional support, mentorship, incubation opportunities, and ecosystem linkages for participating ATLs, including partnerships with higher education institutions, innovation hubs, and ecosystem organizations to provide mentoring, technical guidance, exposure visits, internships, innovation challenges, and pathways for student innovators, thereby enhancing their long-term sustainability, performance, and impact.
14. The ATL shall ensure inclusive utilization of the facility by providing access to their ATL to students from at least two (2) nearby non-ATL schools to maximize regional impact and resource sharing under the hub-and-spoke model.
15. ATL shall mandatorily report their monthly activities at 'MyATL Dashboard', a dedicated portal for reporting all monthly activities by ATLs.
16. ATL shall follow ATL Calendar of Activities, published by AIM, at the start of each academic year. The schools may also refer 'ATL Curriculum' & 'ATL Equipment Manual', developed by AIM, to guide the schools on all frontier technologies & concepts involved in ATLs.
17. The dedicated staff/ATL In-charge, as nominated by the school, must undertake mandatory Teacher training – 'Unbox Tinkering', through a self-paced learning platform developed by AIM. DIET (District Institute of Education and Training) may be engaged for a state level training.
18. ATL shall also mandatorily participate in flagship challenges and competitions organized by AIM such as School Innovation Marathon, Tinkerpreneur etc. Schools are highly encouraged to participate in other innovation challenges organized by international organizations, regional organizations, State/UT Education Departments, or other national institutions. In addition, AIM and State may jointly organise challenges that align with State's local priorities and community needs.
19. ATL shall create a dedicated ATL webpage & social media platform to update all ATL activities and case studies of school students using the ATL resources to create projects and update it on timely basis.
20. ATL would also put in place mentors/volunteers for hand-holding and guidance in either an online or face-to-face environment.
21. ATL shall develop network with industries, academia, research, civil society for knowledge sharing and mentoring support.

22. The faculty would ensure safety of the students during the working hours of ATL.
23. In order to foster inventiveness among students, the following activities could be conducted by ATL:
- a) Programs to teach and explain students about different concepts – ranging from ideation, design, proto-typing, networking to physical computing.
 - b) Periodic regional and national level competitions.
 - c) Periodic exhibitions / fairs / carnivals.
 - d) Workshops on problem solving, designing and fabrication of products.
 - e) Interactions with relevant stakeholders including industry, academia and students from other schools and colleges and universities.
 - f) Screening of films and organising popular STEM and entrepreneurship talks by reputed speakers.
 - g) Summer and winter camps.
24. Operation of the ATL would be monitored on a suitable periodic basis by an advisory body comprising of following suggested members:
- a) Principal of the School – Chairman
 - b) Faculty-in-charge of the ATL – Convener
 - c) Representative from local industry/local community/young innovators/ reputed academia/ alumni – Two Members
 - d) Parents of School students – Two Members
25. The advisory body will be constituted by the applicant school. It will meet at least thrice in a year and send its report to AIM.
26. The applicant school will maintain separate accounts for the grant and contributions received from other sources, named as <School Name><ATL>. The funds released should be kept in a bank account earning interest; the interest earned should be remitted through Bharatkosh, or as per any guideline issued by AIM, NITI Aayog.
27. The grant being released should be exclusively spent on the specified purpose for which it has been sanctioned within the stipulated time. Any unspent balance out of the amount sanctioned should be refunded to the Government of India by means of an Account's Payee Demand Draft drawn in favour of Pay and Accounts Officer, NITI Aayog, payable at New Delhi.
28. The advisory body of the ATL is required to upload each of i) annual implementation report providing information on the activities conducted; and ii) Utilization Certificate (Annexure VIII) of the GOI Grant, in the prescribed pro-forma, to Atal Innovation Mission, NITI Aayog at the end of each financial year as well as at the time of seeking further instalments of the grant, if any.
29. Concerned officers of Atal Innovation Mission, NITI Aayog or its authorised representatives may visit the ATL periodically for ascertaining the progress of work and resolving any difficulties that might be encountered in the course of implementation.

30. AIM, NITI Aayog reserves the right to terminate support to the project at any stage, if it is convinced that the grant is not being utilised properly or that appropriate progress in the project work is not being made.
31. The brand name 'Atal Tinkering Laboratories' will be withdrawn in case of non- performance of these laboratories.
32. In case of any dispute, the same shall be subject to the jurisdiction of the court of Delhi.

An abstract graphic featuring a large, solid purple circle in the center. To its left is a large, yellow number '3'. To the right of the purple circle are two overlapping circles in a lighter shade of purple. Below the main purple circle are two overlapping circles in a very light purple or white shade. The entire composition is set against a solid light purple background.

3

SELECTION CRITERIA

ANNEXURE II

SELECTION CRITERIA

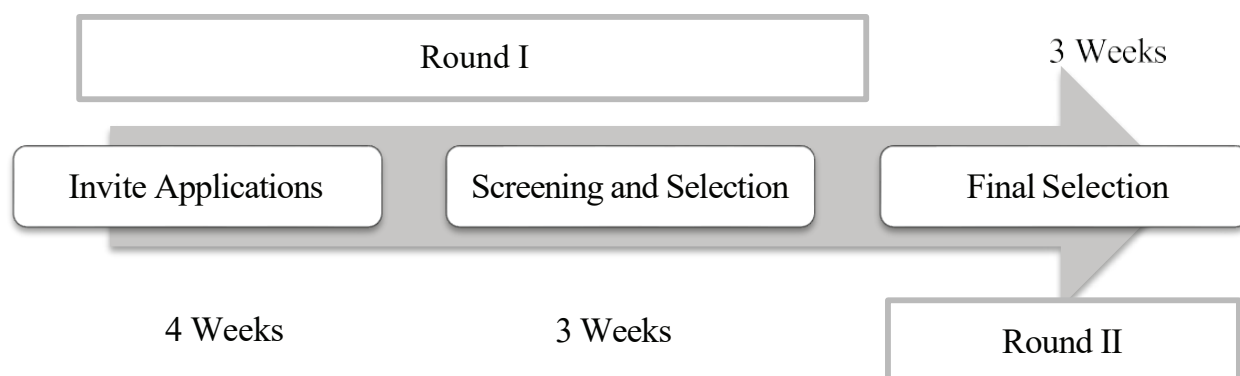
1. Applications will be solicited from eligible schools to establish ATL.
2. The screening / eligibility criteria for schools are:

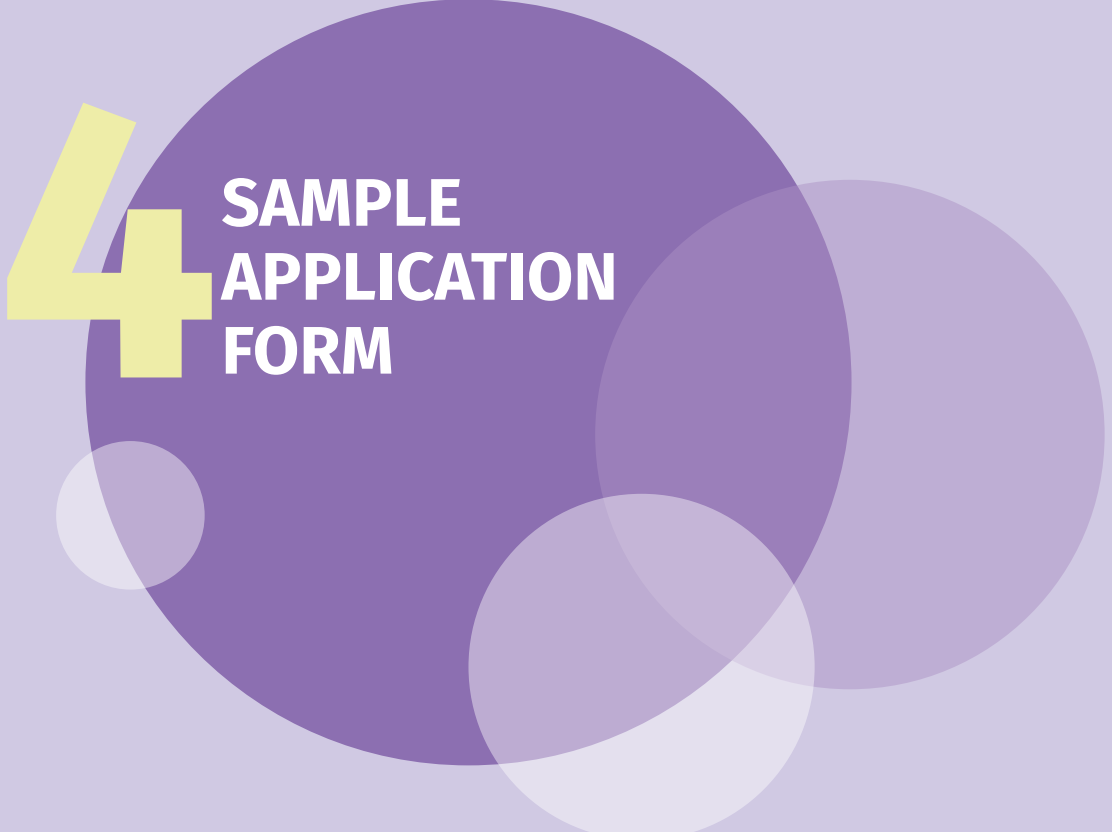
Criteria	Parameters
Infrastructure	• All weather area (600 sq. ft.) • Computer Lab with internet facility • Steady Electricity connection • Science Lab • Library and Playground
Faculty	• Dedicated & qualified staff : Science, Technology, Engineering, Mathematics, Electronics and Computer Science
Reach	• Enrolment – Min. 250 students in Grade VI – X/ VI – XII • Regular attendance of 60% & above of the staff & enrolled students over the past 2 years

3. The parameters to be used for evaluation of schools are:

Criteria	Parameters
Participation	• Participation level in Science Innovation fair/ events

4. Selection Process Time lines:





4 **SAMPLE APPLICATION FORM**

ANNEXURE III

FORMAT OF APPLICATION FORM FOR SETTING UP OF ATAL TINKERING LABORATORIES (ATL) - Phase II

(All fields are mandatory)

CONTACT INFORMATION	
1. Name of Applicant School:	2. Complete Address of School: State: District: Pin Code: Block:
3. UDISE number of School:	4. School Contact Details: Official Email Address: Official Contact Number:
5. Principal Details: Name of Principal: Mobile number: Alternative Mobile number: Email Address: Aadhar Number: Aadhar linked Mobile number:	6. Proposed ATL in-charge detail: Name of ATL in-charge: Mobile number: Email address: Aadhar Number: Aadhar Linked Mobile Number:
7. Please nominate two students as 'Student Innovation Ambassador' preferably from Class 7 / Class 8: Name of Student 1: Email Id of Student 1: Class of Student 1: Name of Student 2: Email ID of Student 2: Class of Student 2:	8. Please nominate two teachers apart from ATL in-charge as 'Teacher Innovation Ambassador': Name of Teacher1: Mobile number Teacher 1: Email address Teacher 1: Aadhar Number Teacher 1: Aadhar Linked Mobile Number Teacher 1: Name of Teacher2: Mobile number Teacher2: Email address Teacher2: Aadhar Number Teacher2: Aadhar Linked Mobile Number Teacher2:

BASIC INFORMATION

9. Years since Establishment : ☐ 0-5 Years ☐ 6-10 Years ☐ 11-15 Years ☐ 16 Years and above	10. Type of School : ☐ Central Government / Central PSU ☐ State Government ☐ Local Body (Municipality/ Nagar Nigam) ☐ Private-aided ☐ Private-unaided ☐ Tribal/ Social Welfare Department ☐ Others
11. Board of Affiliation: ☐ CBSE ☐ ICSE / ISC ☐ State Board ☐ International Baccalaureate ☐ Others	12. Category : ☐ Kendriya Vidyalaya ☐ Jawahar Navodaya Vidyalaya ☐ Defence(Army/Navy/AirForce Run, Supported) ☐ Welfare Schools ☐ Others
13. Which area is your school in? : ☐ Rural ☐ Urban	14. Does your school belong to Remote or border area ☐ Yes ☐ No
15. Co-educational? : ☐ Yes ☐ Boys only ☐ Girls only	16. Education Grade Offered in School : (Please select all options applicable) Middle school ☐ class 1 to 8 ☐ class 6 to 8 High School ☐ Class 1 to 10 ☐ Class 6 to 10 Higher Secondary ☐ Class 1 to 12 ☐ Class 6 to 12
17. Highest qualification of Principal : ☐ Below Graduation ☐ Graduate ☐ Post Graduate ☐ M.Phil ☐ PhD/ Post Doctorate	18. Stream of qualification of Principal : ☐ Science (PCB) ☐ Maths ☐ Computer Science ☐ Electronics ☐ Social Science ☐ Commerce ☐ Others

19. Highest qualification of ATL in-charge : ☐ Below Graduation ☐ Graduate ☐ Post Graduate ☐ M.Phil ☐ PhD/ Post Doctorate	20. Stream of qualification of ATL-in-charge : ☐ Science(PCB) ☐ Maths ☐ Computer Science ☐ Commerce ☐ Social Science ☐ Others
21. Select State/UT : ☐ Andhra Pradesh ☐ Arunachal Pradesh ☐ Assam ☐ Bihar ☐ Chhattisgarh ☐ Goa ☐ Gujarat ☐ Haryana ☐ Himachal Pradesh ☐ Jharkhand ☐ Karnataka ☐ Kerala ☐ Madhya Pradesh ☐ Maharashtra ☐ Manipur ☐ Meghalaya ☐ Mizoram ☐ Nagaland	☐ Odisha ☐ Punjab ☐ Rajasthan ☐ Sikkim ☐ Tamil Nadu ☐ Telangana ☐ Tripura ☐ Uttar Pradesh ☐ Uttarakhand ☐ West Bengal ☐ Andaman and Nicobar Islands ☐ Chandigarh ☐ Dadra & Nagar Haveli and Daman & Diu ☐ Delhi (National Capital Territory) ☐ Jammu & Kashmir ☐ Ladakh ☐ Lakshadweep ☐ Puducherry

SCHOOL PERFORMANCE			
22. Total Number of teachers in school?	23. Total number of student enrollment in school? ☐ 0-100 ☐ 100-200 ☐ 200-300 ☐ 300-450 ☐ >450		
24. Number of student (6 to 12):	Boys:	Girls:	Total:

25. Average attendance of staff for the past two years (as per Academic Year) :		
	2025-2026	2024-2025
Total number of Science teachers		
Total number of Maths teachers		
Total number of Computer Science teachers		
Average attendance (%) of Science, Maths and Computer Science teachers (calculated against total working days)		
26. Average attendance of students for the past two years (as per Academic Year) :		
	2025-2026	2024-2025
Total number of students from classes VI to XII/X. (Please mention the total number of students from VI to X if the school doesn't offer XI & XII)		
Average attendance (%) of students (calculated against total working days)		

ATL READINESS		
27. Dedicated built-up area available for setting up ATL as per guidelines: ☐ 0-500 sqft ☐ 500-750 sqft ☐ 750-1000 sqft ☐ >1000 sqft		
28. Availability of Infrastructure :		
	Yes	No
a. Steady Electricity Connection	☐	☐
b. Computer Lab with internet	☐	☐
c. Science Lab	☐	☐
d. Playground	☐	☐
e. Library	☐	☐
f. Internet speed (2 MBPS or above)	☐	☐

29. ATL recipient schools are required to open & share their ATL facility with the non ATL / nearby schools. Mention the name and UDISE code of 2 non ATL /nearby schools that would be supported by the ATL.

Please choose one of the following options:

☐ **Option A:** I am willing to support nearby non-ATL schools.

If yes, provide information of up to two nearby (within 10 KM radius) schools

School Number 1		School Number 2	
School Name		School Name	
School UDISE code		School UDISE code	
Address		Address	
District		District	
Block		Block	
Pin code		Pin code	
Class Categories 1. Middle school • class 1 to 8 • class 6 to 8 2. High school • Class 1 to 10 • Class 6 to 10 3. Higher Secondary • Class 1 to 12 • Class 6 to 12		Class Categories 1. Middle school • class 1 to 8 • class 6 to 8 2. High school • Class 1 to 10 • Class 6 to 10 3. Higher Secondary • Class 1 to 12 • Class 6 to 12	

☐ **Option B:** There is no nearby school (within 10 KM radius)

PAST PERFORMANCE

30. Did the school participate in the Viksit Bharat Buildathon (VBB) 2025?

☐ Yes: ☐ No:

If yes then share your CID: _____

If CID is unknown please share UDISE: _____

If not then did the school participate in any other Innovation event (in the past 5) in

- School Innovation Marathon/ ATL Marathon

If Yes, Please specify:

- Year _____

- ATL Tinkerpreneur

If Yes, Please specify:

- Year _____

- Any other State/District Level Innovation Hackathon

If Yes, Please specify:

- Name _____

- Year _____

- Any National Level Innovation Hackathon If Yes, Please specify:

- Name _____

- Year _____

- Any International Innovation Hackathon

If Yes, Please specify:

- Name _____

- Year _____

- Any Other Innovation Hackathon

If Yes, Please specify

- Name _____

- Year _____

31. Please explain why your school should be selected for an ATL by describing the following:

- Your school's vision and current goals with regard to STEM and Innovation
- Your ongoing activities that support these goals (150 words)

32. What activities will you do in the ATL to make your school an innovation hub? (50 words)

Page 1 :

Innovation Challenge Brief

Welcome to the Innovation Challenge! This initiative invites applicant schools to showcase their institution's culture of innovation, creativity, and problem-solving. To demonstrate your school's capability in fostering hands-on, experiential learning, your institution is required to submit an innovation Prototype/Idea developed by your students. Please review the themes and guidelines below before submitting your school's entry.

1. Challenge Themes

The school's submitted idea or prototype must align with one of the following themes:

- o Vocal for Local: Promoting local products and resources.
- o Aatmanirbhar Bharat: Building self-reliant systems, tools, and solutions.
- o Swadeshi: Fostering indigenous ideas, knowledge systems, and innovation.
- o Samridh Bharat: Creating pathways to prosperity and sustainable development.

2. Submission Categories

Your school may submit the project under one of two categories:

- o IDEA: A well-researched, innovative concept addressing a specific problem.
- o PROTOTYPE: A physical or digital model (STEM or non-STEM) demonstrating the proposed solution.

3. General Guidelines

- o Team Structure: The project should be developed by students of your school from Classes VI to XII.
- o Submission Format: The school must submit the entry in the form of a 2-minute video Link uploaded on YouTube/Google Drive
- o Ensure the video link permissions are set to 'Public' so our evaluators can access it. Inaccessibility to the video may cancel your application.
- o Your video link and problem statement must clearly explain the following:
 - The problem the students are solving
 - The innovative solution/prototype
 - How the solution works
 - Its possible impact
 - Future of scale (if any)
 - If any existing solution is already available in market

Page 2 :

1. Theme Selection

Please select the theme your team has chosen for this challenge:

- ☐ AATMANIRBHAR BHARAT (Building self-reliant systems, tools, and solutions)
- ☐ SWADESHI (Fostering indigenous ideas, knowledge systems, and innovation)
- ☐ VOCAL FOR LOCAL (Promoting local products and resources)
- ☐ SAMRIDH BHARAT (Creating pathways to prosperity and sustainable development)

2. SUBMISSION CATEGORY

- ☐ IDEA
- ☐ PROTOTYPE

3. Define Your Problem Statement (Max 50 words)

Problem Statement: _____

Identify and clearly describe the problem you are aiming to solve. Your problem statement must clearly align with your chosen theme and explain the core issue the idea or working prototype addresses.

4. VIDEO LINK OF IDEA / PROTOTYPE

Video URL: _____

Please provide a link (YouTube/google drive) of a 2-minute video. Ensure the link permissions are set to 'Public' so our evaluators can access it.

Important: Your video must clearly explain the following four elements:

- i. The problem the team is solving
- ii. The innovative solution/prototype
- iii. How the solution works
- iv. Its possible impact
- v. Future of scale (if any)

* NOTE If your school participated in the Viksit Bharat Buildathon (VBB) 2025, you may submit any one video link of Prototype/Idea, provided it meets all the criteria and guidelines outlined above.

DECLARATION

1. Upload Declaration on School Letterhead (Download the format): *
2. I declare that there is no ATL facility or any other Innovation/ STEM lab in my school premise as on the date of application
3. I hereby confirm that our institution possesses a minimum of 600 sq. ft. of dedicated space required for the setup and operation of an Atal Tinkering Lab (ATL)
4. Declaration: " I/Principal/Headmaster on behalf of my school hereby declare that all the information provided in this application is true, complete, and correct to the best of my knowledge. I understand that if any information is found to be false, misleading, or incorrect, our application may be rejected, and I shall be held liable for the same."



5

SAMPLE DECLARATION

ANNEXURE IV

FORMAT FOR DECLARATION

(Only on School Letter Head)

To
Mission Director,
Atal Innovation Mission (AIM),
NITI Aayog,
Sansad Marg,
New Delhi – 110001

Subject: Declaration

Dear Sir,

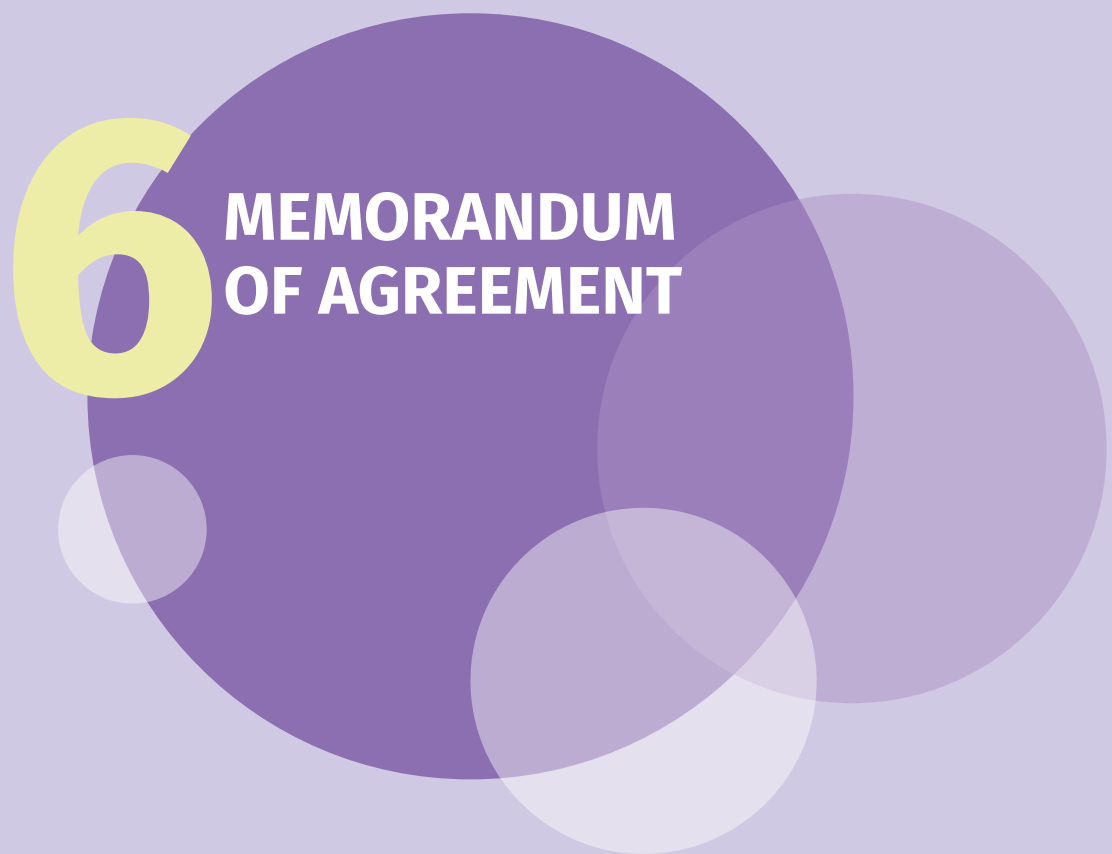
Our school, _____[*write name of school*] hereby declares that we have read and understood all the terms and conditions of the Atal Tinkering Laboratories Scheme. The information submitted in the application form by our school is complete and to the best of my knowledge and belief; there is nothing that has been concealed or suppressed.

We also confirm that we have the requisite space of _____[*write the area in Sq. Ft*] in a _____[*write down either plain or hilly*] state to setup the ATL in our school premises.

Thanking you.

With Regards,

[*Signature of the Principal with the school stamp*]
(*Write Name of Principal*)
Principal



MEMORANDUM OF AGREEMENT

ANNEXURE V

MEMORANDUM OF AGREEMENT

Between _____ (Name of School) AND NITI AAYOG

This MEMORANDUM OF AGREEMENT (“MOA”) is entered on _ (Date) (“**Effective Date**”) by and between:

- i) National Institution for Transforming India (NITI Aayog), NITI Bhawan, Sansad Marg, New Delhi – 110001, the think tank of Government of India, NITI Aayog (hereinafter referred to as “NITI Aayog”).
- ii) _____ (Name of School) with their ATL Application Unique ID..... (Unique ID), established and existing under the laws of India with its legal address at..... (Full Address) “(hereinafter referred to as The School)”.

WHEREAS NITI Aayog has initiated a program for setting up Atal Tinkering Laboratories in select schools across India.

WHEREAS the School has been selected for the above program through a selection process.

AND WHEREAS (SCHOOL NAME) and NITI Aayog have decided to enter into a MOA setting out the working arrangement that each party agrees are necessary for implementation of the program as under:

ARTICLE 1: BACKGROUND AND PURPOSE

1.1 Atal Innovation Mission Background

NTH Aayog’s flagship program, Atal Innovation Mission (AIM) is Government of India’s endeavour to promote a culture of innovation and entrepreneurship. Its objective is to serve as a platform for promotion of world-class Innovation Hubs, Grand Challenges, Start-up businesses and other self-employment activities, particularly in technology driven areas.

1.2 Atal Tinkering Laboratories

With a vision to cultivate one million children as innovators, AIM is funding establishment of Atal Tinkering Laboratories (ATLs) in schools across India. Through its Frontier ATL Program, customized templates for specific ecosystems will be created with the objective to foster curiosity, creativity and imagination in young minds; and inculcate skills such as design mindset, computational thinking, adaptive learning, physical computing etc.

1.3 Background of School
[Write 3 lines about school here]

.....
.....
.....

1.4 Purpose
The School has been selected to establish ATL under AIM.

ARTICLE 2: AREAS OF COLLABORATION

The School will collaborate under Atal Innovation Mission to establish, operate and support ATL in India within the school premises with financial support from NITI Aayog.

ARTICLE 3: DURATION

This MOA shall be valid after its signature from the Effective Date of _(DATE)_ initially for a period of 6 years.

ARTICLE 4: TERMS

4.1 Infrastructure and Establishment of ATL

- i) The School shall provide a minimum of 750 sq. ft. of built-up space to set up the ATL located within its geographical limits.
- ii) The school shall establish ATL by setting up requisite physical infrastructure such as laboratory and workshop facilities, tinkering equipment, computers with internet within a period of 3-4 months from the date of release of funds. Other desirable facilities including meeting room and video conferencing facility to chat with experts in real time can also be set up by the schools, if possible.
- iii) All the assets acquired or created from the grant-in-aid shall be the property of the Government of India and should not be disposed-off or encumbered or utilised for purpose other than those for which the grant-in-aid has been sanctioned without the prior permission of the NITI Aayog.

4.2 Financial Support

- i) NITI Aayog shall provide financial support in the form of grant-in-aid of Rs. 20 lakh. Out of the grant amount of Rs. Twenty lakhs, Rs. Twelve lakhs (Rs. 10 lakhs for establishment of ATL, procurement of the equipment, instruments, kits, etc. and Rs. 2 lakhs towards meeting O&M expenses, organizing science fairs, carnivals, etc.) shall be disbursed to the schools in the first year itself. The remaining Rs. eight lakhs shall be disbursed to the School in equal installments over a period of next four years for O&M expenses.
- ii) The School shall operate a separate interest-bearing account for receipt and utilization of the Grant-in-aid. Interest earned on the Grant-in-Aid shall be refunded to Bharatkosh, or as per guideline issued by AIM, NITI Aayog.

- iii) The Grant-in-Aid must be utilized as per sanction terms within the stipulated time. Any unspent balance out of the disbursed Grant-in-Aid should be refunded to the Government of India by means of an Account's Payee Demand Draft drawn in favour of Pay and Accounts Officer, NITI Aayog, payable at New Delhi.

4.3 Operational Aspects

- i) The School shall identify and appoint adequate number of faculty members for managing day-to-day operations of the ATL.
- ii) The School shall develop network with industries, academia, research, civil society for knowledge sharing and mentoring support.
- iii) The School shall provide access to students after the working hours of the host school and allow students from other schools and nearby areas to access the ATL that shall include least two (2) nearby non-ATL schools. The School shall ensure safety of the students during the working hours of ATL.
- iv) In the event of a change of control such as in legal structure, management, leadership, including the transfer or resignation of the Principal or the ATL In-charge, the incoming successor shall automatically assume all responsibilities, liabilities, and obligations related to the ATL initiative and the School shall cause incorporation of such pre-condition in all such events of change of control. The School shall promptly inform NITI Aayog about effecting such change of control with all supporting legal documents and the successor shall assume the authority to execute, sign, and stamp all relevant documents required for the continued operation and compliance of the ATL. Failure to do so will affect fund utilization and further fund release.
- v) In the event of a change in the registered name of the School, provided that such alteration does not result in any Change of control as specified above, it shall promptly intimate NITI Aayog for necessary update of official records. Failure to do so will affect fund utilization and further fund release.
- vi) The School will be required to submit Fund Utilisation Certificates (UCs) for the grant-in-aid at the end of each financial year as well as at the time of seeking further installments of the grant-in-aid, if any.

4.4 Monitoring

- i) The School shall constitute an advisory body to monitor the operations of ATL on a suitable periodic basis. The advisory body may comprise of following suggested members:
 - Principal of the School -Chairman
 - Faculty-in-charge of the ATL- Convener
 - Representative from local industry/local community/ young innovators/ reputed academia/ alumni - Two Members
 - Parents of School students - Two Members
- ii) The advisory body shall meet atleast three to four times in a year and send annual implementation report providing information on the activities conducted to NITI Aayog at the end of each financial year.

- iii) NITI Aayog will put in place a monitoring framework with minimum performance requirements for ATLs. The School shall subscribe itself to such monitoring framework and for providing relevant operational data and performance metrics.
- iv) The School shall support, operate and run the ATL after the funding from NITI Aayog ceases.
- v) The School shall be required to participate and support 'ATL Sarthi' initiative, a cluster-based self-monitoring and evaluation framework, under the guidance of the local institution. The local institution, on-boarded by AIM, shall serve as 'Nodal Agency' to provide institutional support, mentorship, incubation facilities to the ATLs to ensure long term sustainability and performance.

4.5 Other Obligations

- i) The School shall create an ATL webpage and upload ATL activities and case studies of school students using the ATL resources to create projects and update it on a timely basis and mandatorily report its monthly activities at 'My ATL Dashboard', a dedicated portal.
- ii) The School shall conduct regular activities such as –
 - Monthly programs to teach and explain students about different concepts – ranging from ideation, design, proto-typing, networking to physical computing.
 - Schools to invite other schools to participate in ATL associated events.
 - Schools to ensure community participation in ATL
 - Periodic regional and national level competitions.
 - Periodic exhibitions / fairs / carnivals.
 - Workshops on problem solving, designing and fabrication of products.
 - Screening of films and organising popular STEM (Science, Technology, Engineering and Mathematics) and entrepreneurship talks by reputed speakers.
 - Summer and winter camps
 - Participate and compete in other STEM related events at the national or international level.
 - Refer 'ATL Curriculum' & 'ATL Equipment Manual', developed by AIM, to guide the schools on all frontier technologies & concepts involved in ATLs.
 - Place mentors/volunteers for hand-holding and guidance in either an online or face-to-face environment for the ATL.
 - Impart mandatory Teacher training – 'Unbox Tinkering', through a self-paced learning platform developed by AIM to staff/ATL In-charge, as nominated by the School.
 - Participate in flagship challenges and competitions organized by AIM such as School Innovation Marathon, Tinkerpreneur etc. and other Innovation challenges.

3. The School shall define and include in the curriculum of different grades, teaching period of 2-3 hours per week to introduce the concept of tinkering laboratories, spread awareness as per the latest notification from Ministry of Education:
<https://aim.gov.in/pdf/MoE%20DO%20letter%20dt%2018.06.2024%20reg%20ATL%20Period%20and%20Curriculum.pdf>

4.6 Assignment

- i) The School shall not assign any part of this MOA to any other person without prior approval of NITI Aayog.

4.7 Amendments

- i) No alterations, additions or modification hereto the terms of this MOA shall be valid and binding unless the same are reduced to writing and signed by both the School and NITI Aayog.

4.8 Non-Exclusive Discussions

- i) The School and NITI Aayog acknowledge and agree that the discussions in relation to the Areas of Collaboration are being undertaken on a non-exclusive basis and either Party shall be free to enter into or consummate transactions similar to the Areas of Collaboration in India or elsewhere.

5. ARTICLE 5: TERMINATION

NITI Aayog reserves the right to terminate support to the school at any stage, if it is convinced that the grant-in-aid is not being utilized properly or that appropriate progress is not being made. In addition, the brand name 'Atal Tinkering Laboratory' shall be withdrawn in case of non-performance of ATL, any documented discrepancy, irregularity, or mismanagement regarding the administration of the grant-in-aid, non-compliance with the stipulated operational guidelines or failure to comply with prompt information or reporting requirements.

6. ARTICLE 6: GOVERNING LAW AND JURISDICTION

6.1 Governing Law and Jurisdiction

This MOA shall be governed by and construed in accordance with the laws of Republic of India. Any and all proceedings arising out of or in connection with this MOA will be subject to the exclusive jurisdiction of the courts in Delhi.

6.2 Notices

All communications and notices hereunder shall be in writing and shall be deemed given if delivered personally or mailed by registered or certified mail (return receipt requested) to the Parties at the address specified below:

If to Name of school:

Attention of: Principal

Address: (School Name & Address with Phone Number, Email ID of School and Principal Direct Phone Number/Mobile No)

If to the NITI AAYOG:

Attention of: Mission Director

Address: NITI AAYOG, Sansad Marg, 110001

Fax: +911123096607

Email: md-aim@gov.in

For and on behalf of

(SCHOOL NAME)

NITI Aayog

By:

By:

Print Principal Name:

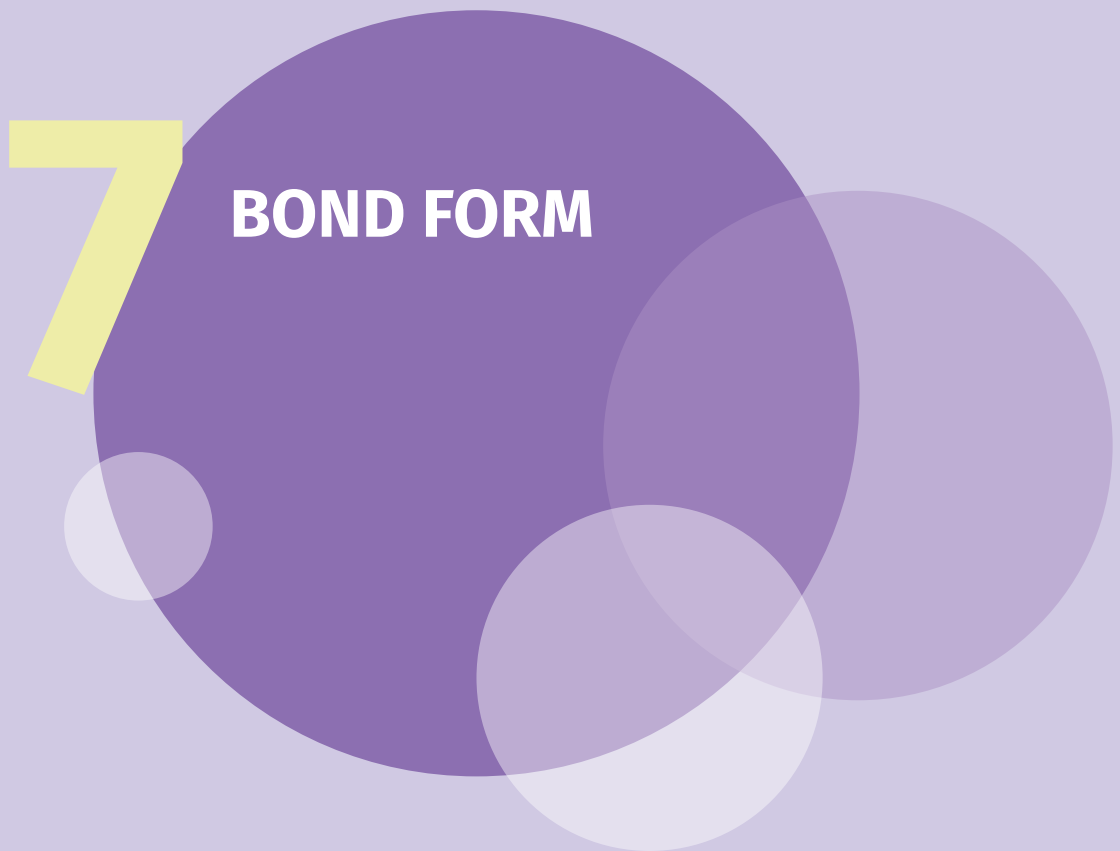
Name:

Title: Principal, (SCHOOL NAME)

Title:

Date: (DATE)

Date



ANNEXURE VI

BOND FORM

(Applicable for schools other than government schools)

Procedure for execution of the Bond and other related details are given below:

- i) The Performance/Surety Bond will be executed by the authorized representative/ signatory (AR) of the school providing the services under the MOA for the purpose of setting up Atal Tinkering Labs and on a non-judicial stamp paper of Rs.100/- (Rupees One Hundred only).
- ii) The Bond has to be signed by the AR and both the witnesses; one of whom at least has to be an independent witness.
- iii) The Bond is to be attested by the Notary Public.

Know all persons by these present that.....(Name of School) and located at(School Address)..... in the State of (Name of the state)..... (hereinafter called the "Obligor" which term shall, unless excluded by or repugnant to the context be deemed to include its successor, permitted assigns and all persons entitled to and capable of disposing of the assets and properties of the Obligor) duly authorized vide power of Letter of Sanction and the accompanying MOA dated ----- and -----, (head of the School) (hereinafter called the "Surety" which term shall, unless excluded by or repugnant to the context be deemed to include its successor, permitted assigns and all persons entitled to and capable of disposing of the assets and properties of the Surety) are held firmly bound to the President of India here in after called the Government, in the sum of Rs Twenty Lakhs , well and truly to be paid to the President on demand and without demur, for which payment the Obligor and the Surety bind ourselves by these presents in terms and manner for performance of the activities and to attain the agreed upon milestones under the Letter of Sanction and the accompanying MOA by the Obligor.

- 1) Whereas the Obligor and Surety agree to execute a bond in terms and manner contained herein after and signed this day of in the year
- 2) Whereas on the Obligor's request the Government has as per Atal Innovation Mission (AIM) under NITI Aayog has sanctioned funding in favour of the Obligor for the purpose of setting up Atal Tinkering Labs at above the School a grant not exceeding Rs. Twenty lakhs in tranches based on specific conditions and on condition not to divert or misuse the grant.
- 3) Now in consideration of the aforesaid Letter of Sanction and the accompanying MOA ----- and ----- respectively (collectively known as "Sanction"), the condition of the above written obligation is such that if the Obligor duly fulfill and comply with all its conditions mentioned in the sanction, then this bond of obligation shall be void and of no effect, but otherwise it shall remain in full force, effect and virtue, and NITI Aayog shall be at liberty to enforce this bond against the Obligor or the Surety jointly and/or severally, as it may deem fit and on its option.

- 4) These presents further witness that:

That decision of the CEO, NITI Aayog Govt. of India, on the question whether there has been breach or violation on the part of the Obligor or any of the terms and conditions mentioned in

- a) the aforesaid Letter of Sanction and the accompanying MOA dated ----- and ----- respectively, shall be final and binding on the Obligor.
 - b) The Obligor herein agrees and undertakes to abide by the conditions of the Sanction and that the liability hereunder shall not be impaired or discharged by reason of time being granted or by any forbearance, act or omission of NITI Aayog or any of its authorized person.
 - c) The Obligor or the Surety shall, in the event of breach or violation of the terms and conditions mentioned in the Sanction, shall refund to the Government on demand and without demur the entire amount of Rs. Twenty lakhs or such part thereof as may be mentioned in the Notice Demand issued by the Government along with the interest thereon at the rate of 11.50% compounded annually from the date of receipt of the said amount by the Obligor up to the date of refund thereof to the Government.
 - d) The Obligor and the Surety assure and confirm that they have understood the Sanction and the obligations mentioned therein and they have executed this bond voluntarily and out of their free will.
- 5) THE BOND shall in all respects be governed by the laws of India for the time being in force and shall be subject to the exclusive jurisdiction of the Courts in Delhi.

In witness thereof these presents have been executed the day and year here in above written and accepted for (Name and Designation) on the day and year of the corresponding signature.

Signed for and on behalf of the Obligor with date (Stamp/Seal)

(Name and Designation)

- i) **Signature of the Surety** (Name and Designation of Surety with Identity Card such as Aadhaar/Voter/ PAN/ ID card No (attach copy))
 - ii) In the presence of:
 - a)
(Name & Address of witness) (Signature)
Aadhaar/ Voter/ PAN/ ID card No (attach copy).....
 - b)
(Name & Address of witness) (Signature)
Aadhaar/ Voter/ PAN/ ID card No (attach copy).....
- 8) **Accepted for and on behalf of the President of India by the authorized signatory of NITI Aayog as Obligee.**



ATAL INNOVATION MISSION

For any queries contact
md-aim@gov.in