

Educational Qualification of Atal Tinkering Lab (ATL) Instructor

Engaging of ATL/ Vocational Instructor and effective utilisation of ATL / Vocational Labs under PM SHRI scheme

The process of hiring a suitable candidate for the position of ATL/Vocational Instructor on contractual basis, should be as per the eligibility criteria and honorarium norms laid down by the KVS and PM SHRI Guidelines 2025-26. The selection should be transparent and based on merit, with preference given to candidates with experience in electronics, robotics, or STEM education.

In cases where ATL Lab is functional, ATL instructor should be appointed on priority, while in other cases vocational instructor may be engaged. PM SHRI KV, where ATL Lab is functional (either through NITI Aayog, or PM SHRI scheme or otherwise), the payment of Salary of ATL Instructor will be made from 'ATL Instructor' Head

under PM SHRI scheme (refer Page 46-47 of Implementation Guidelines PM SHRI 2025-26). In case ATL Lab is not available, the payment of salary of Vocational Instructor will be made from "Financial Support for Vocational Teacher/ Trainer (refer Page 31-32 of Implementation Guidelines PM SHRI 2025-26).

The selection of instructors will be based on the below mentioned criteria

Educational Qualification of ATL/Vocational instructor

- ❖ B.E, B.Tech, Electronic & Communication Engineering
- ❖ Minimum One Year Experience in the relevant field.
- ❖ Interview to be conducted as per existing KVS norms.
- ❖ Consolidated Remuneration of Rs. 25000 /- per month may be given to the instructor engaged from PM SHRI fund.

Other terms and conditions of engagement will be similar to that of contractual teachers being engaged in the Vidyalayas.

Role and Responsibilities of ATL/Vocational Instructor will include the following-

- ❖ Functioning of ATL/ Vocational Lab: To conduct the Teaching Learning process through lab and activities of the students inside the ATL Lab.
- ❖ Handholding of Students: ATL Lab instructor will hand hold and prepare the students for various events / exhibitions / competitions etc.
- ❖ Maintain ATL/Vocational Lab: Support the ATL/Vocational Lab in charge in maintenance of assets of ATL/Vocational Lab.
- ❖ Assisting Students in Hackathon Activities: Provide technical support.

Schools will download the Tinkering Curriculum to provide students with a structured learning for the development and honing their innovation skills (Link https://laim.gov.in/atl-tinkering-curriculum.ph_p_tt). This curriculum encompasses a wide spectrum of concepts, such as basic

electronics, mechanics, data visualisation, design thinking, 3D printing, AI, IoT etc. The curriculum is divided in 3 levels, links has been enclosed for your reference.

Level I link [ATL TINKERING CURRICULUM LEVEL 1](#)

Level 2 link [ATL TINKERING CURRICULUM LEVEL 2](#)

Level 3 Link: [ATL TINKERING CURRICULUM LEVEL 3](#)

It is further requested that schools follow the ATL Calendar of Activities for the academic year

This calendar serves as a comprehensive guide for instructors , outlining monthly activities, events, workshops and

competitions for ATLS.

The instructors will equip themselves by visiting the resource link <https://aim.gov.in/resources.php> and explore the videos on ATL Tutorials <https://aim.gov.in/videos.php> regularly and keep updated with latest innovation with

regard to Atal Tinkering Labs.