

ATAL TINKERING LAB

PM SHRI KV KESHAVPURAM DELHI

INTRODUCTION:

ATAL TINKERING LAB (ATL) was established in 2018 in PM SHRI KV KESHAVPURAM DELHI with a vision to 'Cultivate one Million Children in India as Neoteric Innovators'. ATL is a workspace where young minds can give shape to their ideas through hands on do-it-yourself mode; and learn innovation skills. Young children will get a chance to work with tools and equipment to understand the concepts of STEM (Science, Technology, Engineering and Math). ATL would contain educational and learning 'do it yourself' kits and equipment on – science, electronics, robotics, open-source microcontroller boards, sensors and 3D printers and computers. Other desirable facilities include meeting rooms and video conferencing facility.

ATL Objectives:

- 1.To create workspaces where young minds can learn innovation skills, sculpt ideas through hands-on activities, work and learn in a flexible environment.
- 2.To empower our youth with the 21 century skills of creativity, innovation, critical thinking, design thinking, social and cross-cultural collaboration, ethical leadership and so on.
- 3.To help build innovative solutions for India's unique problems and thereby support India's efforts to grow as a knowledge economy.

Activities under ATL: In order to foster inventiveness among students, ATLs conduct different activities ranging from regional and national level competitions, exhibitions, workshops on problem solving, designing and fabrication of products, lecture series, ATL marathon ,Toy-cathon, ATL fest Technovanza, ATL tinker entrepreneur , ATL community day etc., at periodic intervals.