PRAGATI PUBLIC SCHOOL
ATAL TINKERING LAB
NEWSLETTER
(JULY-SEPTEMBER 2019)

" If we look at history, innovation doesn't come just from giving people incentives; it comes from creating environments where their ideas can connect"

– STEVEN JOHNSON

In order to align with the pace of emerging technology, our students expanded their horizons to explore the techno-savy world around them and design innovative solutions. We are determined to provide our young budding scientists with a platform where they find themselves free from boundaries and invest their curosity to explore out of the box thinking. We facilitate our students to invent numerous possibilities to think, create and innovate and grow as civilised members of the society.

In the mission to explore and innovate,we release the second volume of newsletter of ATAL TINKERING LAB to celebrate the accomplishments reached so far.

INTER-SCHOOL COMPETITION

Students of our school participated at ATAL Tinkering Fest organised by Venkateshwar International School, Dwarka sector-10 on 30th July 2019. They participated in all the three competitions at the event and bagged position.

Ist Position in Scientific toy Making- Our students made a "robotic hand toy " using motors to spread awareness about emerging technology of robotics of designing artificial limbs for handicapped people. Kushagra Rana (VIII-D) and Prashansa Singh (VIII-A) participated in this event.

Ist Position in Ideate-Our students presented an "AGROBOT-Automatic Irrigation and Seeding Device" to resolve the problem of backache our farmers undergo during irrigation in fields. The benefits of the idea to our society and business plan were presented. Mohit (X-B) and Muri (VIII-D) participated in this event.

IInd Position in Robowar- The teams made their robots fight with each other. The robot which survived on the battled field was declared the winner. Angelo (XII-A) and Pradeep (XII-A) participated in this event.

WORKSHOP ON ARTIFICIAL INTELLIGENCE BY MR.VIKAS JAIN

Our students presented their project on "Smart Roads" at Atal Tinkering Fest at Bal Bharti Public School, Dwarka Sector 12. Kailash Bajpayee (IX-A) and Mohd. Ahad (IX-A) participated in this event.

Hiten (VII-B) participated in Best out of waste. He had made an economical "LAMPAN" which served the role of lamp and fan considering the shortage of electricity at remote areas.

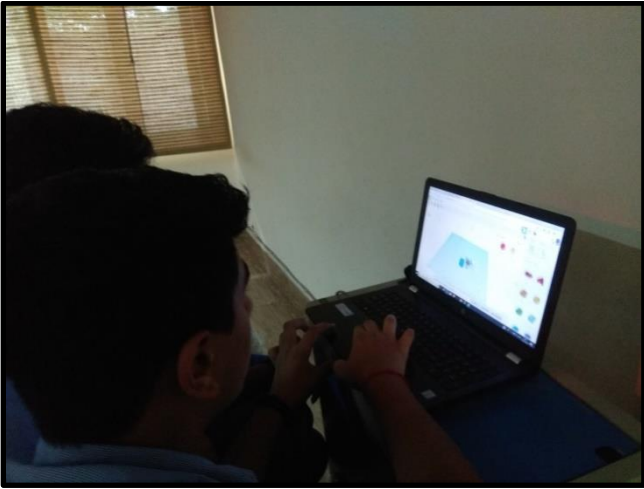**Activities conducted in ATL**

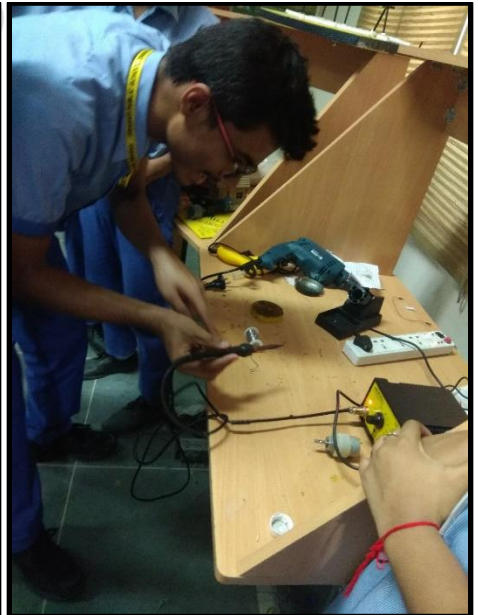Students of class VI making creative "TOY CAR".

Students of classes VIII IX and X learnt to use digital multimeter.

Students of class X exploring tinkercad software to learn 3-D printer.

Students of class IX and X learnt to set up a soldering station and application of soldering.

BEST OUT OF WASTE

Students of classes VI, VII and VIII utilised readily available material at home to design innovative solutions.

New ideas for innovation grow out of the minds of each new generation. Having an institution of higher learning that can help young people put those ideas into action is critical.

- **Jay Samit**

KEEP TINKERING!!!