

# SBOA MATRIC HR SEC SCHOOL, CBE-39.

## ATAL TINKER FEST - 2019

Atal Tinkering laboratories is a flagship program of NITI AAYOG, in order to create neoteric innovators at the school level. SBOA MATRICULATION AND HIGHER SECONDARY SCHOOL COIMBATORE 39 is a proud recipient of this lab. It facilitates the young children to Ideate and Prototype their ideas. In order to boost their tinkering abilities ATAL TINKER FEST was celebrated in our school on 24<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup> of July 2019. The objective of the TINKER FEST was to instill the attitude of entrepreneurship in the young minds. It was inaugurated by our revered correspondent Shri R. Rajavelu, Dr ArunRaaza our ATL mentor was the special guest and our beloved principal Dr Krisnamoorthy presided over the function. The fest had three phases of operation.

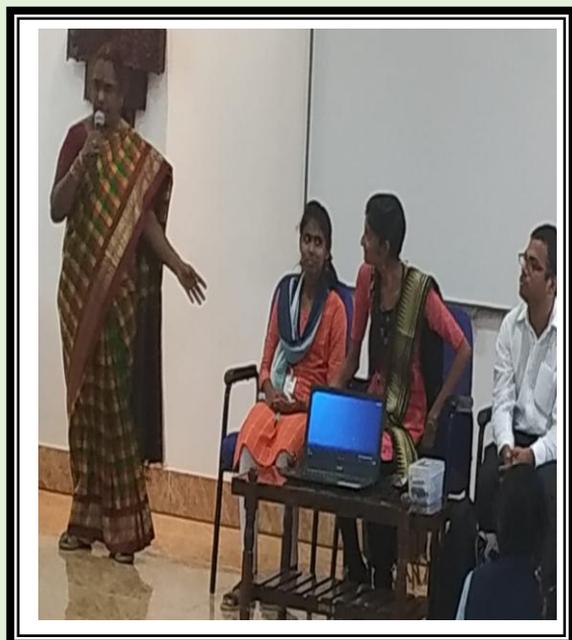


In the first phase the young innovators of class 6, 7 & 8 had to come up with a challenge faced by the community where they live in. In order to identify the real problem, the children go around in their locale, conduct discussions with the people of the neighborhood and their family members. Once the problem is identified the challenge begins.

In the second phase the students assemble in the ATL and discuss solutions for their problem. The best solution is selected. The students then ideate their solution with the help of the ATL team, comprising of the ATL in-charge, ATL teacher and the ATL mentor. Under the leadership of Mrs.T.M.Thiruvartselvi, ATL Incharge, students Prototype their ideas into working models with the guidance and mentoring of Mrs. P.Malathy, Atal Teacher.

In the third Phase they exhibit their working model or, the prototype for the public and the mentor to view, followed by discussion with the community people to commercialize their product. And a young entrepreneur is born.

There were about thirty prototypes exhibited. Some of the notable products produced by our young innovators were a quiz buzzer for the school library. It was very cost effective and innovative. Other products include Electric cycle Earthquake detector, smart dustbin, metal detector, line robot and an electric vegetable cutter.



The three day fest was visited by eight schools. And around 300 students viewed it. The idea of TINKERING and the importance of ATL were appreciated by all the schools. An IOT (Internet of Things) Session was conducted by Dr. Arun Raaza & team in the conference hall. Quiz was organized for the participants by Mrs. P.Malathy, Atal teacher to check the theoretical and practical understanding of the students. At the end of the fest children went home with a dream of becoming entrepreneurs.

