



## **Report on Project Based Learning and Engineering Workshop for Students**

**Day: Friday**

**Date: 8 April 2022**

**Conducted by: ITL Public School**

**Venue: Atal tinkering Lab - ITL Public School**

**Attended by: Students of Classes XII**

A workshop in Project Based Learning and Engineering for the students of Class XII was conducted by **Senior International Officer, Ms Lynsey Noble, and the Faculty of Engineering and Physical Sciences, Ms Anna Lyttle, from Queens University, Belfast.**

The workshop offered the students the opportunity to experience a method of teaching adopted by the University, whereby theory is augmented by practical and applied learning experiences. In groups the students were asked to conduct a range finding experiment, using catapults made by Queen's University Belfast students in their prototype labs on campus. The workshop investigated the relationship between velocity and launch angle, and challenged students to critique the characteristics of their structure- where Maths becomes 'Engineering.'

Students showed very impressive leadership, communication and technical capabilities. The students participated enthusiastically in this novel activity, which captured their interest in a way which was both fun and empowering. The students also learnt skills such as time management, negotiation, task management & team work.





