



Interactive workshop by Faculty of Medical Health and Life Sciences, Queen's University, Belfast, U.K

Day: Monday

Date: November 7, 2022

Conducted by: ITL Public School

Venue: Biology Lab. - ITL Public School

Attended by: Students of Classes XI and XII (Medical Stream)

A workshop on DNA extraction from fruit was conducted by Ms Kiera Bradley and Ms. Rebecca York, Faculty of Medicine Health and Life Sciences, Queen's University, Belfast, U.K, for Biology students of class XI and XII on Monday, Nov.7,2022.

This experiment was a hands-on activity and provided an opportunity for students to develop an appreciation for the physical nature of DNA and the process of DNA purification. They could extract DNA from banana and Kiwi fruit by simple techniques and could see the precipitated DNA.

After performing experiment, the significance of DNA extraction in field of biotechnology was discussed with them. They came to know that it is the starting point for numerous applications, ranging from fundamental research to routine diagnostic and therapeutic decision-making, to determining the unique characteristics of DNA, including its size, shape and function. Thus, the students performed experiment enthusiastically, which captured their interest in a way which was both fun and empowering.





