

eLearnit 2020 Virtual Conference

Navigating Through COVID-19 to Ensure Quality Learning

9-11 June 2020

Dear Sir / Madame,

We would like to express our thanks in your vital contribution to eLearnit 2020. It has brought robust value to the learning experience. We have received questions from our attendees that were not put forward during the live session. We hope you do not mind answering them so these may be uploaded onto the conference website as additional resource. You may choose not to answer any questions that were already tackled during the live session. Please insert your responses after each question below.

Name of Speaker: Mr. Veeramani Krishnan

Date and Time of Presentation: 10th June 2020

Title of Presentation: Bringing Labs into Homes – Virtually!

Questions:

1. Are there any useful sites that offer virtual experiments for students to learn and practise physics?

I have no experience in this area. But this may be something of interest to you - <https://praxilabs.com/en/virtual-labs.aspx?TAB=2#LOL>

2. Can you tell us please what app you found the best - a free app if possible?

You can try browser based apps like Matterport, Cupix and Theasys which offer free tier often with some limitations. But this is a start before investing in either a subscription which will allow you to do more or purchase a standalone Virtual Tour Creator app like 3DVista.

3. It's just that some apps are limited and if you have a good one I would be so grateful if you share?

I find 3DVista has very good features and the current version has 'eLearning' features like quiz and gaming elements too. You can create as many tours as you want and even host it on your own (school) server.

4. Can u pls suggest mobile apps to create virtual tour?

Browser based apps which allow the final tour to be viewed on any device would be my recommendation. Do check out Matterport, Cupix and Theasys. Once you feel confident, using their free tiers, you can always sign up for their subscription plan to get the best out of the virtual tours.

5. How long did take from you to complete creating the 360 virtual studio lab?

I used 3D Vista app to create the tour. Being completely new to it, I had to learn the software while creating the tour. It took me almost 2 days to complete the tour. But right now, I am familiar enough with the software to create a similar tour in a few hours.

6. is there any specific virtual app you would like to recommend?

I would recommend 3DVista. You can try it for 30 days for free before investing in the software.

7. If we want to teach student, say chemistry experiment ,where they have to know different reactions can we do the same? How we make sure that we achieved the learning outcomes and students can actually conduct the experiment and deal with different chemical in the real life?

Trying to do such experiments virtually will be tricky. There is the safety aspect that needs to be considered. This kind of tours will not work. You may want to check out this site and see if it feeds your needs. <https://praxilabs.com/en/virtual-labs.aspx?TAB=2#LOL>

8. when capturing picture of interior is there any alignment that needs to be kept in mind?

The software is quite advanced and there is no necessity to worry about alignment. The photos just need a certain amount of overlap for the system to figure out the stitching.

9. Could you please share a name of a good App for virtual tours?

I would recommend 3DVista – try out the 30days fee trial.

10. Are there any useful sites that offer virtual experiments for students to learn and practise physics?

You may want to check out this site - <https://praxilabs.com/en/virtual-labs.aspx?TAB=2#LOL>