

AR-VR Session by Phygitech

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| REPORT ON | : | AR-VR Session by Phygitech |
| ORGANISED BY | : | Phygitech |
| DAY/DATE | : | Thursday, 3rd March 2022 |
| TIME | : | 12noon to 2pm |
| SPEAKER | : | Trainers from Phygitech |
| ATTENDED BY | : | The leadership team and and 19 teachers of DPS, Gurgaon Sect 45 |

Trainers from Veative labs gave a demonstration of their learning management platform which offers unique profiles for students and teachers. The platform provides teachers a simple way of setting up classes to conduct AR-VR sessions on various STEM related topics while also providing data on success and gaps in understanding. The VR modules have been developed for the following subjects:

- Biology
- Chemistry
- Physics
- Math

VR modules in these subjects depict complex simulations to simple lab experiments, performed by school students. Also the virtual tours available on their platform are not simply 360° images of famous places, but built environments to be explored, with educational information such as construction, architectural features, and so on. Some of the features of the platform are :

- The platform works with all modes of teaching – virtual, offline and hybrid
- WebexR allows us to access experiential experience without headset also.
- The platform can be customized as per school requirement and teacher training will be conducted.
- The platform provides gamified learning experience for the students.
- The modules are directly mapped to NCF and NEP 2020.
- Each headset comes with 120GB storage space for modules along with a controller.

The modules demonstrated were:

- Photosynthesis in Biology and a few experiments for chemistry and physics were demonstrated
- Virtual Tours – Taj Mahal and Great Wall of China

It was an interesting, fun learning and informative session.



