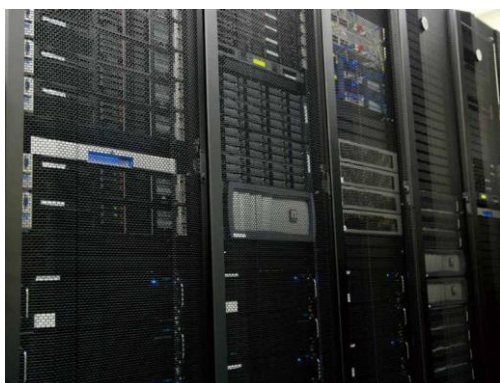


Our group went to see the facility of NTT west. The purpose of this project is learning about telecommunication through the facility of NTT west that have one of the largest ones in Japan.



When we visited there, we saw IP equipment at first. IP equipment is that communicate with using the protocol called IP. This enables users to communicate with each other. Next, we saw transmission apparatus. It is important for this apparatus that to transmit efficiently, completely at high speed, so the technology is developing in this field. After that, we saw cable

tunnel. It is the main part of this field trip. This is the tunnel that includes a lot of cables that connect users and providers who use phone and the Internet. The security is so tight that even member of NTT can't enter freely. This tunnel contains a lot of equipment in defensive preparation for troubles and disasters. For example, fire proof sheets covers cables for the fear of burning, and the tunnel has quake proof. Lastly, we saw power equipment. That also has facilities for defense as the tunnel.



Addition to it, we also see the telecommunication facility in Kyotanabe campus. We could learn more technical systems about servers and security through the instance that is close to us.

Through these two field trip, we could understand that infrastructure of telecommunication has a lot of facilities not to go down itself when some troubles or disasters happen.