

# KOREK TELECOM CO.

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Korek Telecom Co. (erbil , kurdistan)

## Here's What happened in our visit to Korek,

We first of all started university like any other normal days, went to all classes even Technology And Information System Too, but then after university we had an industrial visit to Korek telecom Company to view their Facility and their Servers.

## On Arrival.

We First Got introduced to Mr. Taha, and what did he talk about?

A highly respected manager, Mr. Taha, gave his views on the operations of the company and the role played by physics in their technology, majorly in the power dynamics and antenna positioning. He clearly expounded complicated calculations just to arrive at the best places for the installation of the antennas to be served, ensuring that they are maximally efficient and have proper coverage.

Mr. Taha warned of the health dangers of radio waves and insisted on the criticalness of the location surrounding these antenna receivers.

He pointed out to people that there is a big effect unseen but tremendously felt on the brain by radio waves and advised people to take big caution. He further advised using speakerphones or Bluetooth gadgets to help one limit their exposure. His speech was not just a nice example of how the company uses innovative technologies, but it was full of strong promises toward public safety and ethics in technological progress. Mr. Taha's expertise and passion on the subject were quite brilliantly highlighted as he took the audience with ease through the technicalities and health implications, leaving them quite enlightened and sensitized towards the balance of technological advancement and living well.

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## Mr. Muhammad also talked about 4G and 5G.

He explained that moving from 4G to 5G would be revolutionary in the changes associated with telecommunication. The internet speed associated with it would increase up to 10 Gbps in comparison to what could be realized under 4G of 1 Gbps. This brought the round-trip latency close to 1 millisecond, significantly beefing up the real-time performance of such applications and smooth digital interaction.

Moreover, he said that this provides a denser network of devices and would prove key for the Internet of Things (IoT) and smart cities because of the wider frequency bands and greater bandwidth. He pointed out that advanced technologies such as Massive MIMO, beamforming, and network slicing have been introduced to better network efficiency and capacity.



## More On future Technology

He said the developments would enable new applications from virtual and augmented reality to self-driving cars and advanced solutions in Internet of Things. He concluded that this was a promising quantum leap in redefining digital connectivity and innovation.

### Names Of Participants:

Aland Fryad - Karoz Rebaz - Saro Dlawar