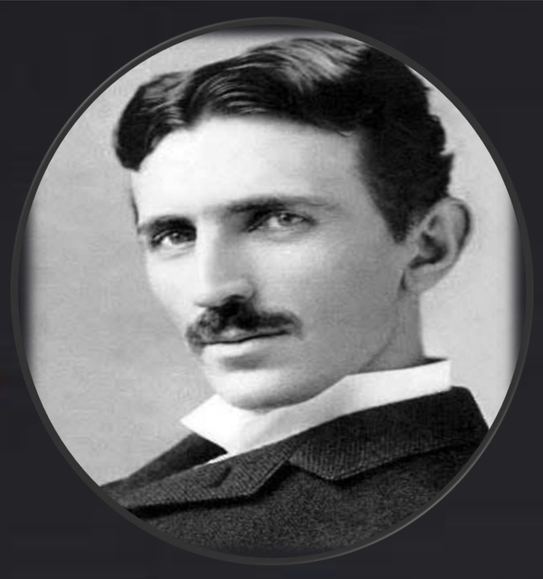
Nikola Tesla: The Man Who Electrified the World



Nikola tesla (1856-1943)

Today we will give a poster presentation on the topic of the greatest scientist named Nikola tesla. the reason of choosing Nikola tesla is in my opinion he was one of the most unique and influential people to ever live with most extraordinary inventions that our today life makes more and more flexible easier. that's inspire me more.

Nikola Tesla was a Serbian-American inventor, electrical engineer, and physicist who is best known for his contributions to the development of the alternating current (AC) electrical system. He was born on July 10, 1856, in Smiljan, Croatia, and died on January 7, 1943, in New York City.

1. Chat gpt (https://openai.com/)

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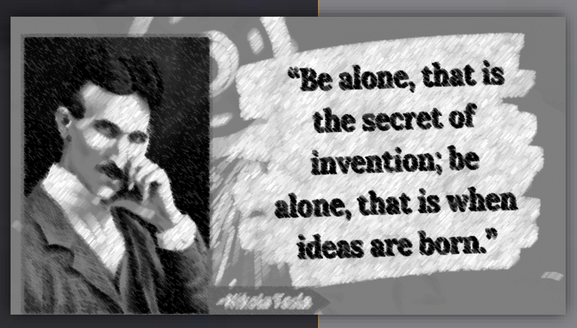
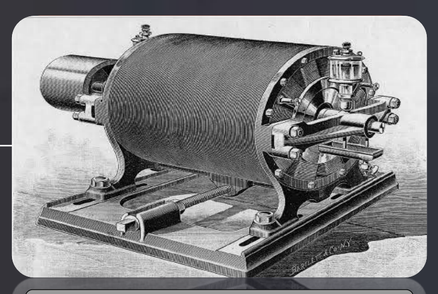


He was a bright student who excelled in math and science. he studied physics and math in Austria and later worked with Thomas Edison in united states. Tesla never married and had children . he was known for being reclusive and often kept to himself . he was known for having close friends and a solitary figure. he was focused on his work and spent long hours in his laboratory. however , he did have some notable friendships, including mark twain and Robert underwood Johnson. he was also in social works such as attending parties and giving lectures.

2. Tesla universe (https://teslauniverse.com/)

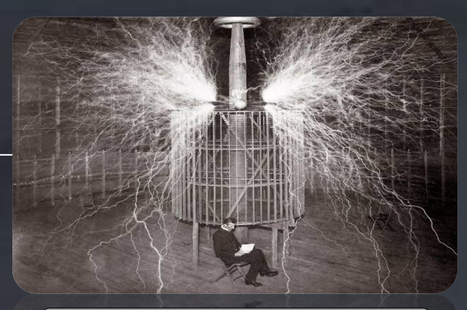
Some of Nikola Tesla's Invention:

AC Electrical System: Tesla is most famous for his invention of the AC electrical system, which made it possible to transmit electrical power over long distances with much greater efficiency than the existing DC electrical system.



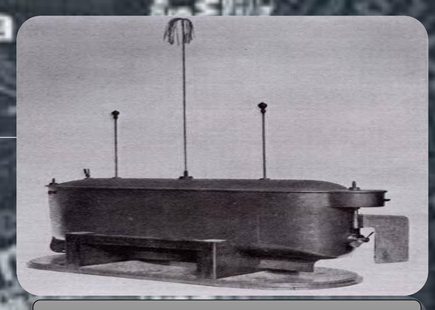
AC Electrical System

Tesla Coil : The Tesla coil is a high-voltage electrical resonant transformer circuit that can produce extremely high voltage and low current. It is used in many applications, including radio transmitters and Tesla's wireless power transmission system.



Tesla Coil

Remote Control: Tesla is credited with inventing the first remote control, which he demonstrated in 1898. This technology has since become ubiquitous in our daily lives, from TV remotes to drones.

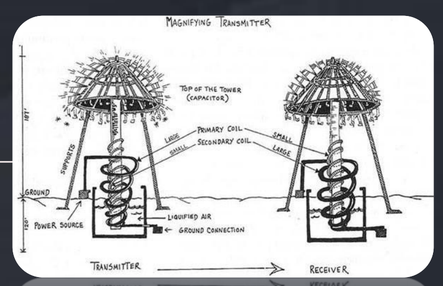


Remote Control

X-rays: Tesla also made important contributions to the development of X-ray technology, and he was one of the first scientists to produce X-rays.

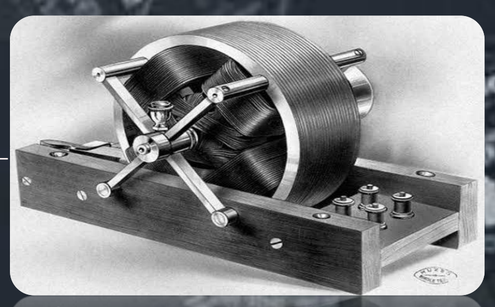
X-rays

Wireless Power Transmission: Tesla's work in wireless power transmission was groundbreaking. He believed that it was possible to transmit electrical power without wires , and he developed a system for doing so. Although he was unable to fully realize this technology during his lifetime.



Wireless Power Transmission

Electric Motor: Tesla's AC motor was a breakthrough in electrical engineering, and it has been used in many applications, from fans and pumps to power tools and electric vehicles.



Electric Motor

3. Wikipedia (https://www.wikipedia.org/)

Some Awards of Nikola Tesla:

Edison Medal (1916)

John Scott Medal (1934)

Order of St. Sava (1926)

Order of Prince Danilo I (1895)

Elliott Cresson Medal (1894)

2. Tesla universe (https://teslauniverse.com/)

conclusion

Nikola Tesla was a brilliant inventor and engineer who revolutionized the field of electrical engineering with his inventions and ideas. He contributed significantly to the development of modern technology, including AC electrical systems, wireless communication, and radar. His legacy lives on today and continues to inspire scientists and engineers around the world.

1.Chat gpt (https://openai.com/)

Reference

1.Chat gpt (https://openai.com/)

2. Tesla universe (https://teslauniverse.com/)

3. Wikipedia (https://www.wikipedia.org/)