

When did electrical engineering emerge as a discipline?

Electrical engineering may be said to have emerged as a discipline in 1864 when the Scottish physicist James Clerk Maxwell summarized the basic law...

What was the first practical application of electrical engineering?

The first practical application of electrical engineering was the telegraph, invented by Samuel F.B. Morse in 1837.

What kind of research is done in electrical and electronics engineering?

The research functions of electrical and electronics engineering include basic research in physics and other sciences, applied research, design of...

Electric machines, additionally called electric machines, are gadgets that convert electric strength into mechanical strength or vice versa. These machines play an essential function in diverse programs across industries, ...

Network devices are physical devices that allow hardware on a computer network to communicate and interact with each other. Network devices like hubs, repeaters, bridges, switches, routers, gateways, and brouter help ...

Electrical and electronics engineering is the branch of engineering concerned with practical applications of electricity in all its forms. Electronics engineering is the branch of electrical engineering which deals with the uses ...

Electrical wiring is an arrangement of conductors, components and electronic devices to transmit electrical energy from one point to another. It typically consists of an array of conductive wires, cables, switches, outlets, ...

A Resistor is an electrical device that resists the flow of electrical current. It is a passive device used to control, or impede the flow of, electric current in an electric circuit by providing resistance, thereby developing a drop ...

History of Electronics Dates back to 1745 with Invention of the Layden Jar followed by identification of electron in 1897 and then invention of the vacuum tube. Here I will briefly describe history of electronics from 1745-2021 ...

Let me tell you about the basic electronic components list with images. If without knowing the name and how they work, then we cannot use them to build electronic circuits. That includes resistors, capacitors, diodes, ...



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