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RF Engineering by Pankaj Sharma

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Radio frequency are comes under the Electronics and Electrical engineering ,It mainly deals with Radio Frequency and also Radio Frequency equipment. It deals with equipment that are designed to emit the Radio Frequency waves . Normally the range of Radio Frequency are 3 kHz up to 300 GHz.

Radio Frequency Equipment normally is used to transmit or receives a radio frequency waves.

Examples; Mobile Phone and Radios etc

Radio Frequency (RF) engineering is a top most field while compare to other field .Nowadays every where we are using wireless network . If we need good results from RF Field means, we should aware of basic thing such as maths ,physics and chemistry and basics of Electronics component and Designing. By knowing these things, we start the RF circuit design.

Responsibilities of RF Engineer

Radio Frequency engineers are needed for doing different works in RF Field for such as designing, installation and comminishing of RF equipment , and also RF Engineers are needed for maintenance.

RF Engineers those ,who have more experience ,they have a depth knowledge in Designing of equipment ,about Transmitter and Receiver of RF Antennas, and also Performance of RF Equipments .RF maintenance engineer responsible for maintaining the various Base station and Broadcast station antennae such as Transmitter and Receiver , link in Microwave and Adjustment of Antennae etc .

Responsibilities of RF Engineer in Telecom

Radio Frequency Engineer is responsible for the analysising, design, implementation, optimization of telecommunications networks. Main Responsibilities are to give a coverage in all area , capacity while in traffic time, analysis of coverage, link budgets analysis, coverage planning, site identification, evaluation and zoning support, frequency planning , interference analysis .optimization of site , Planning of new site.

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