

MOBILE JAMMER: STUDY OF MOBILE JAMMER, APPLICATIONS AND FUTURE CHALLENGES**Ms. Shilpa Kolhe**

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Abstract

Now day's smart phones are widely used by people all over the world. It is becoming integral part of our life. In classroom students do not pay attention on lectures but busy in playing games or watching videos. In restricted areas also people uses phones and disturbs others. Traditional Mobile jammers available in the market, only blocks receiving and transmitting signals of cell phones. The person didn't even get the notification of a call or message when he is in the jammer coverage area. The person cannot be contacted for some urgent information also. This Paper mainly focuses on the advanced mobile jammer which blocks the communication with enabling notification to the user. An android application is designed to jam the communication without user intrusion. The applications designed in such a way that the user mobiles block it and unblock itself without any notification or intrusion of user. With this user can easily get the notification of incoming call and messages. This new system makes it easy for implementing and managing mobile phones smartly.

Keywords: Mobile jammer, RF(Radio Frequency) signal, jamming signal, base station.

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- How Mobile Jammer works?
- Jamming Techniques.
- Types Of Jammer Device
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- Future scope of Jamming Technology.
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Introduction: A mobile phone jammer is an instrument used to prevent cellular phones from receiving signals from base stations. These places includes Worship places, lectures Rooms, Hospitals, Concert halls, meeting room, jails and other places where the silence is appreciated. Mobile Jammer can be very effective in Confidential meeting Hall where important information can be leaked from room to outside without knowing to any other person. Jammer can be very effective in jails to break the communication between the prisoners. This paper discusses the design and development of Mobile jammer and aims to present a solution for the problems of complexity and cost, related to jammer designs. Paper also discusses the performances of jammer for various types of signal. There are various techniques that can be used to cellular signals including the employment of mobile phone jammer.