

Vyavāadhan-yantra

MISHINE SOLUTIONS PRIVATE LIMITED

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ABSTRACT

Vyavāadhan-yantra, commonly known as a mobile jammer or signal blocker, is a device designed to disrupt or disable wireless communication within a defined area. The jammer operates by transmitting radio frequency signals on the same spectrum as mobile devices, thereby generating interference that prevents cell phones from establishing a link with their respective base stations. Since cellular communication relies on continuous interaction with nearby towers, a jammer effectively initiates a denial-of-service (DoS) attack by interrupting this connection.

Mobile jammers serve multiple applications, including enhancing security, protecting privacy, and enforcing silence in sensitive environments such as examination halls, government facilities, libraries, and theaters. The technology has gained significant attention due to its potential to regulate wireless communication; however, its use also raises legal and regulatory concerns, as jamming impacts not only personal communication but also emergency and critical network services.

This overview highlights the working principle, applications, advantages, and challenges associated with mobile jamming technology.

FREQUENCY RANGE

- 700MHZ – 4G
- 850MHZ – 4G LTE & 5G new radio
- 900MHZ – GSM
- 2.4GHZ – Wi-Fi
- 850/900MHZ – GSM & LTE Network
- 1800MHZ – GSM Mobile
- 2100MHZ – 4G LTE & 5G new radio
- 2300MHZ – 4G LTE

POWER

- 20-watt analogue



SATISFIED CUSTOMERS

- Hq 122 Inf Bde Sig Coy
- 17 Sikh
- 25 IDSR
- 15 CESR
- 4 EW Bde
- 26 Maratha