



KAMARAJ IAS ACADEMY
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BSNL's Nationwide Voice over WiFi (VoWiFi)

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News: On January 1, 2026, BSNL announced the nationwide rollout of VoWiFi (Wi-Fi Calling) across all telecom circles.

Technical & Strategic Details:

- **Mechanism:** VoWiFi uses **IMS (IP Multimedia Subsystem)** technology to route voice calls over a Wi-Fi connection instead of a cellular tower.
- **The "BSNL Advantage":** Unlike private telcos that focus on urban 5G, BSNL is using VoWiFi to solve connectivity issues in **rural/remote areas** and "dark zones" like basements or high-rise buildings where cell signals are weak.
- **Zero Cost:** The service is free and requires no third-party app; it uses the phone's native dialer.
- **Strategic Goal:** Part of the **₹1.64 lakh crore BSNL revival package** to modernize the state-run telco and bridge the digital divide.

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