GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:5904
ANSWERED ON:04.05.2005
INTRODUCTION OF 3G THIRD GENERATION TECHNOLOGY
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Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether the Government proposes to introduce `3G` Third Generation Technology for Mobiles in the country;

(b) if so, the salient features thereof; and

(c) the benefits likely to be derived therefrom by the subscribers?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR. SHAKEEL AHMAD)

(a) Yes, Sir.

(b) & (c) The key salient features and likely benefits to be derived from 3 G mobile services by the customers are given in Annexure.

ANNEXURE

Key Salient Features/Benefits of 3G Third Generation Technology

Communications Anywhere, Anytime

- Provide users a `small, lightweight, and convenient pocket Communicator` that offers services `anywhere, anytime`.

Expanded Range of Services

- Provide service that supports not only traditional mobile voice communications, but a variety of voice and data services providing a wide range of applications like multimedia capabilities, Internet access, imaging and video conferencing.

- Supports flexible, variable rate access with data rates approaching 2 Mb/s.

A Unified, Seamless infrastructure

- Unification of the many diverse systems existing today (including paging, cordless, cellular, mobile satellite etc.) into a seamless radio infrastructure capable of offering a wide range of services.

Integration of Mobile and Fixed Networks

- Integration of mobile and fixed networks to make possible the provision of fixed network service over the mobile network.

Bridge the Telecommunications Gap

- Provide cost effective and flexible access to the global telecommunication network in developing countries & underdeveloped parts of developed countries.

Broadband Transport.

- Utilize broadband transport technologies such as ATM, as opposed to the narrow band technologies used in present 2G systems.

Self-Adaptive, Reprogrammable Terminals

- Provision to send software updates to the terminal (e.g. to correct errors or add new features) as compared to reprogramming at shop or factory.

Virtual Home Environment

- The users receive exactly the same service wherever and whenever they make call.