



REVIEW ON ANALYSING THE SCOPE OF 4G CELLULAR WIRELESS GENERATION

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Abstract 4G means **fourth generation**. It is fourth generation of mobile telecommunications technology, succeeding 3G. A 4G system must provide capabilities defined by ITU in IMT Advanced. Potential & current applications include amended mobile web access, IP telephony, gaming services, high-definition mobile TV, video conferencing, 3D television, & cloud computing. Two 4G candidate systems are commercially deployed: Mobile WiMAX standard first used in South Korea in 2007, & first-release Long Term Evolution (LTE) standard. This has however been debated if these first-release versions should be considered to be 4G or not, as discussed in technical definition section below

ISSN : 2278-6848



9 772278 684800 03
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Research Publication and Seminar

1. INTRODUCTION

Wireless communication is transfer of information between two or more points that are not connected by an electrical conductor. Most common wireless technologies use radio. With radio waves distances may be short, such as a few meters for television or as far as thousands or even millions of kilometers for deep-space radio communications. This encompasses various types of fixed, mobile, & portable applications, including two-way radios, cellular telephones,

personal digital assistants (PDAs), & wireless networking.

Meaning of G

Each of Generations has standards that must be met to officially use G

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