Abstract

Mobile based technologies are most widely used products and shown a huge growth in terms of user base. Every individual around the every corner of the world rely on mobile technology. The thing which makes it more powerful is cellular communication. Cellular communications are not only restricted to voice calls but it has gone way beyond our imagination from generation to generation. There has been seen a number of improvements along with performance. It has a great impact on our daily lifestyle i. e. the way we work, interact, learn, explore etc. This paper provides an insight about generations of network from 0G to 4G. Also it will throw light on next possible generations - 5G, 6G and 7G. Although 5G is under development and it will be
deployed by 2020, there are no such standards has been finalized for it. This paper will also focus on 5G architecture and standards along with the technology that will be used for the development. The next evolutions 6G and 7G are just concepts for now and research works are being carried out, but they are the future of mobile communication networks.

References

- "Global ICT Standardisation Forum for India (GISFI) and 5G Standardization," Prasad, Ramjee.
- FutureWorks 5G use cases and requirements by Nokia Networks.

Index Terms

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Keywords

0g 1g 2g 3g 4g 5g Architecture Standards Technology Generations Of
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6g

7g

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