Abstract

Interference reduction is the challenging issue in the field of cellular communication system. Due to limited frequency bandwidth and high cost, we have to reuse same frequency band in the different geographic area resulting the CCI and ACI. In this paper we study two different type of interference. In this Survey we also presented the various interference reduction methods and also discuss the reduction process of Signal to interference ratio. Using these two tools we also evaluate the performance of the Signal to interference ratio.
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- Prof. B. G. Hogade, Ms. Sheetal Wadhe , Dr. Shrikant K. Bodhe &quot;Mitigating the Effect of CCI and Multipath in Mobile Communication using Smart Antenna&quot;; IJERA ISSN:2248-9622 and National Conference on Emerging Trends in Engineering & Technology (VNCET-30 Mar’apos;12) Page. no. 366-370.

**Index Terms**

Computer Science

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**Keywords**

Interference  CCI  ACI  IRT  ET  S/I ratio.