

Subject **[CoSHA] Final Update | Cell phone towers in hostel areas**  
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Date 2017-12-08 04:12

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**IITK WEBMAIL**

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To:

1. Members of CoSHA (Council of Students' Hostel Affairs)
2. President, Hall-2 (2016-17)
3. Chairperson, Students' Senate

Copy To:

1. Mr. Aditya Desai
  2. Mr. Sandeep Akode
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Dear all,

We have prepared a map of signal strength data, for all the hostels. This has been carried over the past few days, during night hours (post 11:00 pm) when the observed signal strength is lower as compared to rest of the day. Due to the paucity of time, we could only carry it out for Airtel and Tata Docomo networks considering their large user base in IIT Kanpur and considering the availability of students to aid us in this initiative.

We could not carry out an extensive analysis for the day-time, though as per what we could collate, we didn't find the strength to rise more than -40dBm anytime of the day. For the analysis done for the night time, as we can see the values are too low in some hostels (though, you may consider a variation of  $\pm 4$  dBm while taking the readings in most cases).

You may find the map on this link:

<https://goo.gl/Eowv2X>

Values mentioned in the map are documented in this sheet:

<https://goo.gl/ynPTT2>

Today (8th Dec'17) the Dean of Infrastructure and Planning is going to convene a meeting at 4 pm wherein we would send our updates that have been discussed in this email. Please feel free to share, any suggestions that you would like to give based on this data. We are extremely thankful for the aid provided to us by Mr. Sandeep Akode in the timely completion of this initiative.

Warm Regards

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"The best way to find yourself is to lose yourself in the service of others." -  
Mahatma Gandhi