



# GOOGLE BALLOONS



# INTRODUCTION

- What happens when you don't get the network signals from tower and get it from flying balloons
- Oh yes! Google had made it possible
- According to a report there are 33% peoples in this world, whom don't have internet facilities



- If we talk about india, from 121 crores population there are only 50 crore peoples have internet facilities.
- And if we talk about rural areas, remote areas, frozen areas their is no internet facilities.
- But now the can access internet through google balloons.

# How it works

- Google will fly big balloons in the sky and with the help of these balloons the areas like rural. and remote will access internet.
- And these balloons are filled up with helium gas.
- And these balloons can fly 18 to 25 km in the sky.

- In these balloons basket is replaced with chargeable battery, solar cell, and receiver antenna
- Receiver antenna will send and receive signals
- And these balloons will provide the 4G LTE network speed which is really huge speed specially at rural areas
- These balloons will fly in stratosphere layer



Why stratosphere layer

# ADVANTAGES OF GOOGLE BALLOONS

- Easy to Use
- Availability of information
- Increased internet usage



# Disadvantages of Google balloons

- Cost

- Maintenance

# CONCLUSION

- Project loon is an ambitious project and the world will highly benefit from it
- Project loon, an initiative to help fill in those internet gaps through the use of networked balloons
- The goal is to provide broadband like internet for the two-third of the world that doesn't have access to a reliable internet connection by balloon
- It is still an experimental phase

# REFERENCES

- Levy, steven (14-june 2013) “ How google will Use High-Flying Balloons to Deliver internet to the Hinterlands” , Wired Retrieved 15-june 2013
- “Google to beam internet From balloons”. Agence France Presse Google 15-june 2013 retrieved 16-june 2013
- “Google launches project loon”. The New Zealand Herald 15-june 2013. Retrieved 15-june 2013
- Lardinois , Frederic(14-june 2013) . “ Google X Announces Project Loon: Balloon-powered internet for rural, remote and undeserved areas. Tech Crunch . Retrieved 15-june 2013
- Mack eric (14-june 2013) . Meet Google’s Project Loon: “Balloon powered” net access “ CNET Retrieved 15 15-june 2013





**THANK YOU SO MUCH!**