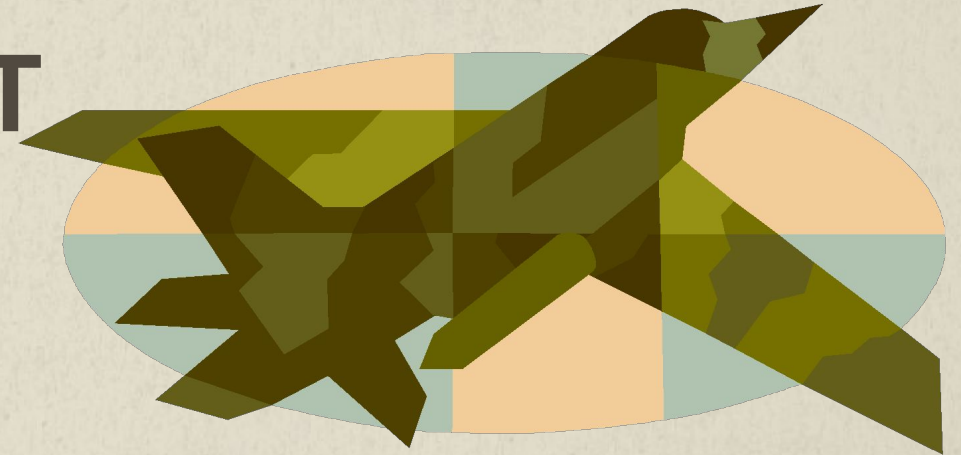




**JAIN POLYTECHNIC BELAGAVI**

**15CE54T- Transportation Engineering**

# **06 - AIRPORT**



**Presented by: Abhishek Amathe L/CE**

# CONTENT

- Terminology in Airport Engineering
- Airport Layout



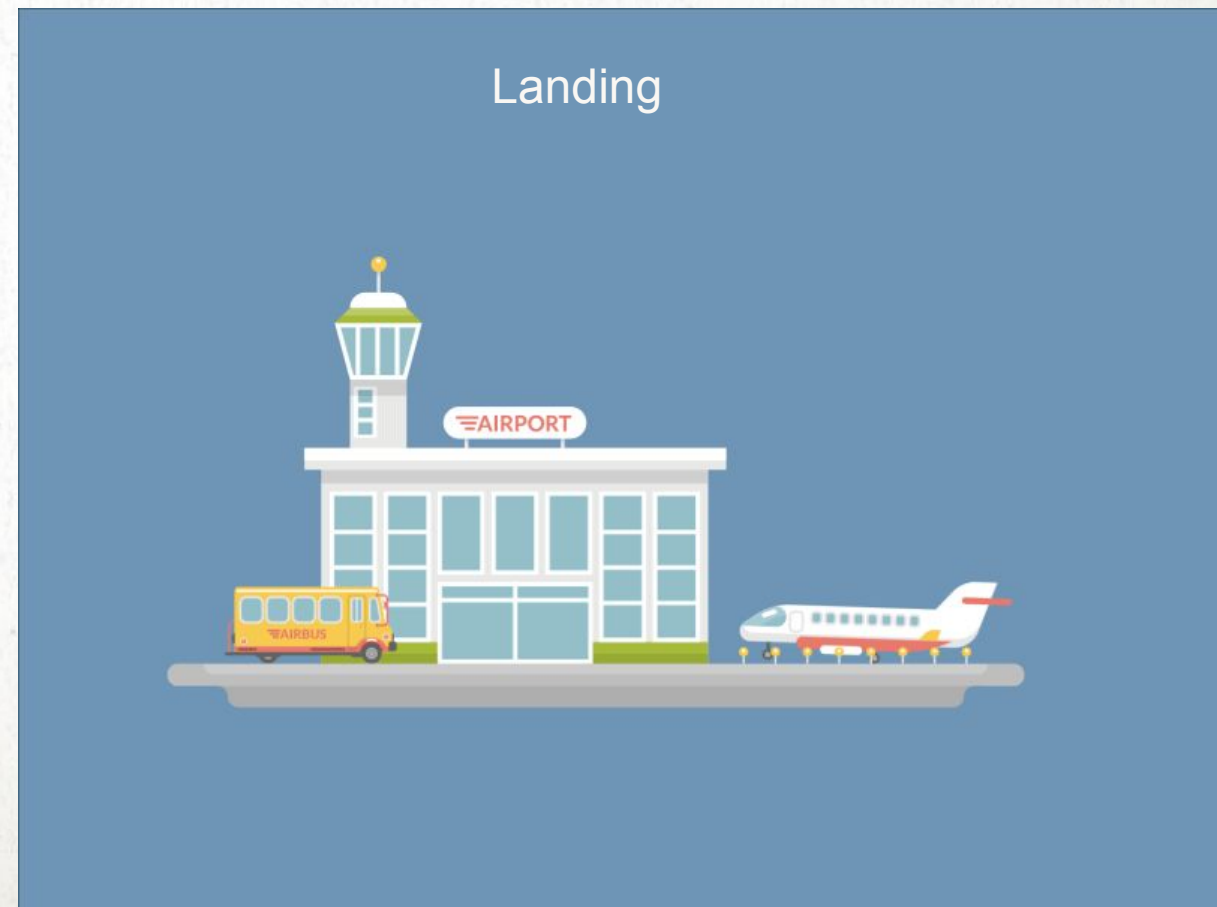
# RUNWAY

It is defined as a long and comparatively narrow strip of land which is selected or prepared for the landing and take-off of aircraft along its length. It is usually paved except for small Aerodromes.





Take-Off



Landing



# TAXIWAY

The strip of pavement connecting the apron to the hangar as well as runway ends to the Aprons.





# APRON

Area of the airport to accommodate aircrafts for loading and unloading of cargo and passenger, parking and refuelling.





# TERMINAL BUILDING

These building which are meant for providing facilities to all passengers, for serving as office for airport management and for carrying out other non-aeronautical functions



# HANGAR

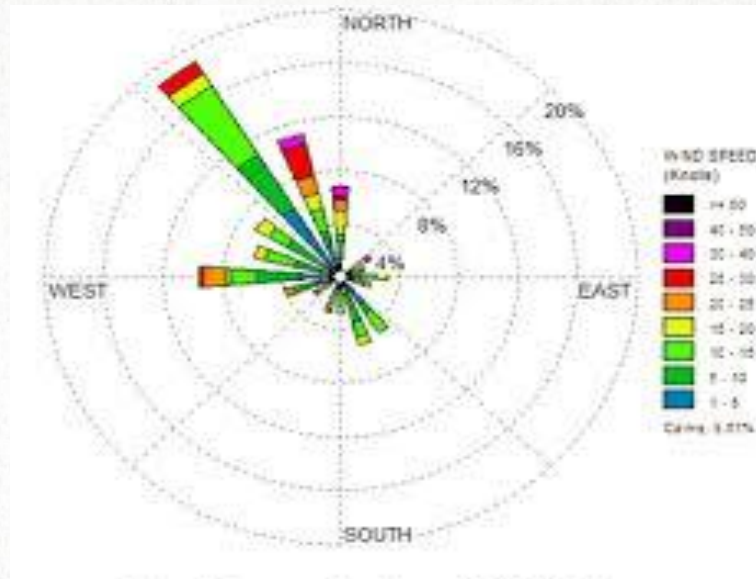
Large shed erected at the airport for the purpose of servicing and repairing of aircrafts.



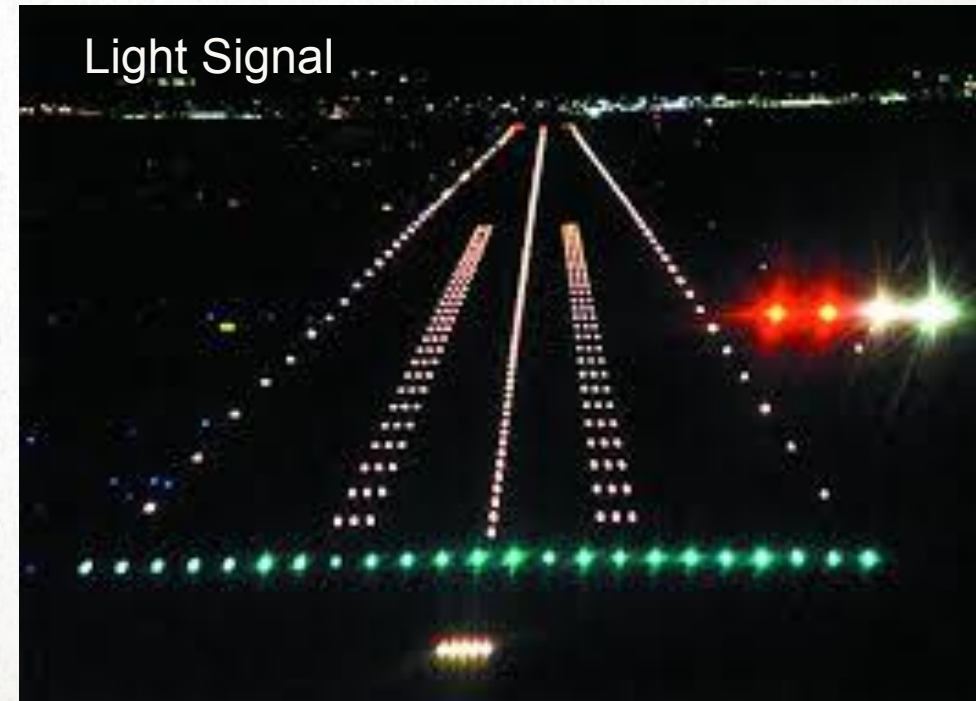


# WINDROSE DIAGRAM

The wind data are presented in the form of a chart known as Wind Rose. It is prepared on the basis of records of observation of wind velocity and direction over a number of years. Its shape resembles a rose.



# MARKINGS & SIGNALS





# LAYOUT OF AIRPORT

