August 30, 2017

Meeting regarding the problem statement for ROBOCON 18

* Trajectory of a projectile

Reference:

en.m.wikipedia.org/wiki/Trajectory\_of\_a\_projectile

* We we were brainstorming whether we could actually shoot the cork without direct contact. We thought of making a small ball kind of thing at the tail which could be hit to shoot the cork. But then considering weight and other issues that idea was then rejected.
* discussion about the various throwing mechanisms one of which includes the sling mechanism.
* Apart from that we discussed about the points we need to keep in mind while designing the autonomous bot to throw the shuttle.Few suggestions were made where we can make a knot at the end of the tail to grab the tail and just release the hook when we want to release the shuttle.
* discussing about shooting mechanism.Neil,Manoj and kunal told about their ideas and discussed with sourabh and Soumik. Neil and Manoj were telling their ideas that basically related to projectile motion And kunal was thinking about rotary encoder to calculate  speed and Angle of shooting the shuttle cock.In kunal’s ideas there are some practical problem and we will discuss which type of motor to use.