

### Mechanical

- we intend to make a basic structure able to rotate the camera around the three perpendicular axis.
- The most of the material will be made in metal or probably wood.
- The whole basic model of the structure will be designed in solidworks.

### Electronics

- We basically have two motors in our unit which will take care of two axis and the rest will be taken care of manually.
- Input to the motors by arduino.
- Also we will be using gyroscope for calculating the required amount of shake in camera and subsequently minimising it.
- We will get feedback from IMU unit.

### Coding

- PID coding for arduino for input to the motors.

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### cost

- two motors(rs 3000 each)
- arduino (rs 1700 each)
- metal for structure (we don't know).
- Miscellaneous (rs 1500/2000)