1. Competition Missions
   1. Science Mission
   2. Extreme Retrieval and Delivery Mission
   3. Equipment Servicing Mission
   4. Autonomous Traversal Mission
2. Tasks Needed to Perform
   1. Science Mission
      1. Pick Sample Max from 6 sample location then analysis them on board to find the any sine of life on past or present.
      2. No Off site experiment will be allowed in this mission.
      3. We have to record all the data in some form of charts or something.
      4. We can show the historical analysis.
      5. We have to give a presentation in the end.
   2. Extreme Retrieval and Delivery Mission
      1. Phase – 1
         1. Go to a location using camera feed. (10 + 10)
         2. Box pick and drop. (10)
         3. Go to a location using camera and then pick and drop a unspecified object. Max Weight and Dimension is given. (5+5+10+10)
      2. Phase – 2
         1. If we get 40 / 60 then we are able to come in phase – 2 of this mission
         2. Go to a location Using GPS (10)
         3. Go to a location Using GPS pick and drop an object. (10+10+10)
   3. Equipment Servicing Mission
      1. Most of the task will be picking dragging and dropping object by Location using GPS or camera feed
   4. Autonomous Traversal Mission
      1. Go to location Using GPS
      2. Find Object Using Image Processing
      3. No Control Form Base Station Only camera feed.
      4. Max number of task will be 4 – 6.
3. Max Number Of Robot running time 4 Days 6 Hours within 3 KM