**Abstract for Laws of Motion**

Due to the limited accommodation facilities, teams will be shortlisted for accommodation based on the following abstract provided by the team**.**

Guidelines for the submission of the abstract are as follows:

* **Rename** the .doc/.docx file as “TeamID.doc” or “TeamID.docx” (example: 20KTJ23IK2.doc/20KTJ23IK2.docx where 20KTJ23IK2 will represent the respective Team id and email the file to **lom@ktj.in** strictly before **1st January, 2020**. The format for naming the file has to be strictly followed. Otherwise your abstract may not get accepted.
* **YOU NEED TO SUBMIT THE ABSTRACT IN PDF FORMAT (TeamID.pdf)**

Please fill in the information in the sections mentioned below.

* Kindly do not exceed the word limit mentioned in respective sections.
* Support your write up with google drive link of **images** and videos of your plane. Note that even photos of incomplete plane may be attached and if it is not at all possible to include the pictures then try and integrate 2D plans/CAD drawings in the abstract.
* The abstract of your plane will be helpful everywhere in future as an evidence of your hard-work, along with determining your position for the competition. So please pay adequate attention to it.

Please fill in the following details:-

|  |  |
| --- | --- |
| Team ID: |  |
| Team Leader’s name: |  |
| Email Address: |  |
| Contact Number: |  |
| Frequency of Remote Control Panel: |  |
| No. of members in the team along with their KTJ ID: | 1.  2.  3.  4. |

(In case of more than one frequency available, please write all the frequencies)



**The details of the abstract will remain confidential with organizers of Kshitij**

Fill in the information about your plane in the respective sections as mentioned below:

1. Describe the Plane design with a diagram, with pictures taken in the course of development of aircraft (of the plane you are building, attach a .jpeg image with the e-mail) or a picture of actual plane (if it is ready, attach a .jpeg image with the e-mail) or both. (Less than 250 words)
2. Detail out the motors and other components you have used to throttle the glider for the first minute of flight. Also explain the take-off mechanism in brief. (150 words )



3. Explain the mechanisms used in the plane manoeuvring and also list the type of components you have used. (Less than 150 words)

4. Google Drive Link containing photos and videos of your plane (make sure to keep link sharing ON):