

<b>Name:</b> Priyavrata Tiwari	<b>Nick:</b> Tiwari
<b>Roll No:</b> AE22B007	<b>Hostel:</b> Cauvery Hostel
<b>Phone no:</b> 8960649505	<b>Room No:</b> 1048
<b>CGPA:</b> 8.88	<b>Email Id:</b> <a href="mailto:ae22b007@smail.iitm.ac.in">ae22b007@smail.iitm.ac.in</a> <a href="mailto:priyavratatiwari8127@gmail.com">priyavratatiwari8127@gmail.com</a>

- 1. What is your main motivation behind applying to Team Abhyuday? How do you expect your tenure to benefit you in terms of experience and skills? How do you expect your tenure to benefit the team?**

**Ans.** I came to know about team Abhudaya as I was researching about IIT Madras after I was selected. From the moment I got to know about it, I knew that I would surely try to join it. Rocketry and its applications have always fascinated me, being in aerospace engineering I believe I will be learning some of it, as I will progress in my programme, but seeing what you have learned getting realized into action is altogether a different feeling.

I can think of the following points in which I think my tenure will help me in terms of experience and skills:

- Rocketry is a vast and comparatively difficult, I have tried to acquire some skills on my own regarding it, but I think being in the team will help me in not only to improving upon what I already know, but will also enable to pick up more skills required and I will be able to acquire while having a guidance from the seniors in the team.
- I believe rocket building always has its own set of problems, and working to solve those problems as much efficiently as possible, will help me to improve my problem-solving skills, thus will be beneficial for me in my professional career.
- I will be working with a team of like-minded rocket enthusiasts which will instil a sense of need to keep up with them, and help me to be more responsible and concerned about the work in hand.
- Working in a team will help me to learn how to efficiently work and co-operate in team, which I think is a necessarily skill, helping me in the future.
- Handling a lot of data efficiently is an undetachable part for any rocketry project. I will be to gain experience in the skill of data handling.

I think that I will be adding value to the team in the following ways:

- I always try to be as efficient as possible in the work assigned to me, it does sometime make me spend a lot of time on the task I have been given with, but now I have learnt not to do that. And for most of the times, this trait has always helped me and the people I am working in collaboration with. I look forward to add value to the team with this skill of mine.
- I always try to learn new things and make the most of the resources available to me. This trait of mine will make me suitable for a wide variety of problems.
- Though so far, I have got only a few chances to work in a team, and I have tried to make the most of it. I get along with people very easily and I believe this will help me to get along with team I will be a part of it.

- 2. What is your vision for the team and how do you plan to get involved in the same? Suggest improvements in our team's vision and ideas from the ones presented at the orientation.**

**Ans.** Following points describe the vision of mine, for the team:

- Last year in the space craft America cup 2023, we achieved the best flight performance among all the Indian teams, this year I would like to aspire to improve this and make us one of the bests among all the teams.
  - I will really looking forward to have whatever we add in our rocket, to get it manufactured by us only, and decrease our dependency on external organization.
  - I will be looking forward to have more collaborations between all the teams with research and development vertical so that any new idea can be tested, let it be on a small scale and if something significant is discovered it can be implemented.  
Many teams under CFI have patents and conscious effort can be made by team in acquiring one for us too.
- ➔ What ever vertical I will be joining, I will surely play my parts in thinking about ideas which can be more efficient than the ones we have online. Sometimes it may not be possible, but in the journey of doing so, I will surely be able to learn something new, and find something useful.

**3. What other commitments do you expect to have this year and how much time do you expect to devote to Team Abhyuday?**

This year I will have the following other commitments:

- **Coordinator in Extra Mural lectures team.** My work includes sending emails to eminent personalities of the country, and inviting them for a lecture in the insti.
  - **Part of AAS executive committee.** My Job includes collecting information about various academic topics in the insti. And compile them.
- ➔ In both of these my workload is not very hectic, and is very manageable.
- According to the norms of CFI we are supposed to work from 9-12 PM everyday, but keeping in mind Abhudaya is a competition team, I know that the working hours will on an average be more, and I believe I will be able to devote as much time, as supposed from me. And at the hectic days if the working hours increase I will be available for them also.