**Please fill the following Questions:**

1. **Please introduce yourself in 100 words.**

I am Bhavini Rao Sreeram. I come from a family of three. My father Mr. Mohana Rao Sreeram, is a Chartered Accountant and works as Sr. GM – Finance and Accounts in Apollo Hospitals, Nellore, Andhra Pradesh. My mother Mrs. Sylaja Sreeram is a homemaker who takes great care of our household. As a family, we cherish our time together, enjoying simple moments like sharing meals and watching movies. My family is my greatest source of support and love, and I am deeply thankful for their presence in my life.

1. **What makes you an excellent student, besides your grades? Elaborate on your activities and/or broader interests besides your study (max 150 words).**

Beyond my academic achievements, I am dedicated to personal growth and fostering a well-rounded perspective. My passion for badminton keeps me physically active and mentally sharp, while my love for cooking allows me to explore new flavours and express my creativity. Music, both listening and singing, serves as a source of relaxation for me. Sharing these experiences with my family, especially through cricket matches, strengthens my bonds and adds a layer of enjoyment to everyday life. This diverse range of interests has cultivated a unique ability to think critically, creatively, and with a broader lens.

1. **Why do you choose for a study at the TU Delft and why do you apply for a Scholarship (max 200 words).**

Several distinctive features of TU Delft make it my top choice for pursuing a Master's in Aerospace Engineering. The faculty at TU Delft includes some of the leading experts in aerospace engineering. The state-of-the-art laboratories and research facilities like the low-speed and high-speed (up to Mach 11) wind tunnels, GPS measurement stations, the Structures and Materials Laboratory, the SIMONA research flight simulator, a Cessna Citation II flying laboratory, the Delfi Ground Station for satellite communications will also provide an unparalleled environment for hands-on learning and innovation. Access to advanced equipment and resources will not only enrich my academic experience but also empower me to undertake meaningful research projects that address contemporary challenges in aerospace engineering.

1. **How would you contribute to TU Delft in the specific MSc programme you have chosen? (max 200 words).**

The experiences gained during my undergraduate studies and internships have provided me with a strong foundation, and I am now eager to engage in advanced coursework and research that will prepare me for leadership roles in the aerospace industry. I am particularly motivated to address current challenges and contribute to the ongoing advancements in space technology. At TU Delft, I envision myself actively participating in research projects, collaborating with faculty and fellow students, and potentially contributing to publications or conferences. I am passionate about collaborating and integrating with students of various disciplines and would be keen to organize study groups and contribute to student-led initiatives that enhance the overall experience for my peers. My academic and personal goals align with TU Delft's commitment to excellence in aerospace engineering. I believe that my skills, experiences, and passion for innovation will make me a valuable asset to the program and contribute to its continued success.

1. **What are your career plans after graduation? (max 200 words)**

Upon completion of the Master's program, I am interested to work in space systems research and development in organization’s like ISRO and ESA. I want to target companies like KLM, Boeing, Airbus, Safran, Larsen and Toubro and Hindustan Aeronautics. I aspire to pursue my career as a “Space Engineer” where I can work on the complex technical systems involved in the spacecraft’s development where I can leverage the knowledge and skills acquired to contribute to advancements in the aerospace industry. To secure a rewarding position, I will leverage the advanced skills gained at TU Delft, network with industry professionals, and stay informed about the latest industry developments. I aspire to contribute to transformative projects involving Sustainability in Space Exploration which advocate for environmentally sustainable propulsion technologies to minimize the environmental impact of space exploration activities. This could involve researching alternative propulsion methods, such as electric or nuclear propulsion, that reduce reliance on traditional chemical propellants.