

## Voice of the WISE Graduate

Graduated in September 2022

Dept. of Mechanical engineering, Applied mechanical systems, Mizuuchi lab

Name : Sriranjana Rasakatla

### **1) Description of your current work**

I am working as a mechatronics research engineer in a space technology startup named Rovial SAS in France. I am building robots for deployment and maintenance of high energy satellites in space.



### **2) Description of the research for which you received your PhD**

I worked on search and rescue solution chain for robotics. I worked on cyborg insects, prosthetic leg and snake robots all for the purpose of search and rescue and rehabilitation.

### **3) How your doctoral degree is being utilized**

I have robotic system building experience in terms of electronic system design, kinematic algorithm, mechanical CAD design and prototyping. These aspects I used in robotic system development during my PhD and I am utilizing these skills. I did interdisciplinary work during my PhD where I collaborated with Bio systems departments. Cross department work experience is very helpful because in my current job also there is inter departmental work.

### **4) How you are making use of what you have learned through the WISE program**

WISE program is a leadership program. Right now I am not in leadership role but in near future I hope to use this skills as and when I get promoted to team lead or principal engineer. Team working exercises in WISE program are helpful in my current job.

### **5) Future prospects**

To moon, mars and beyond.

### **6) Message to the current WISE students who wish to get a doctoral degree**

It is good to get involved in WISE program as it teaches team and leadership skills. It is a good program to be socially interactive in an academic sense.