

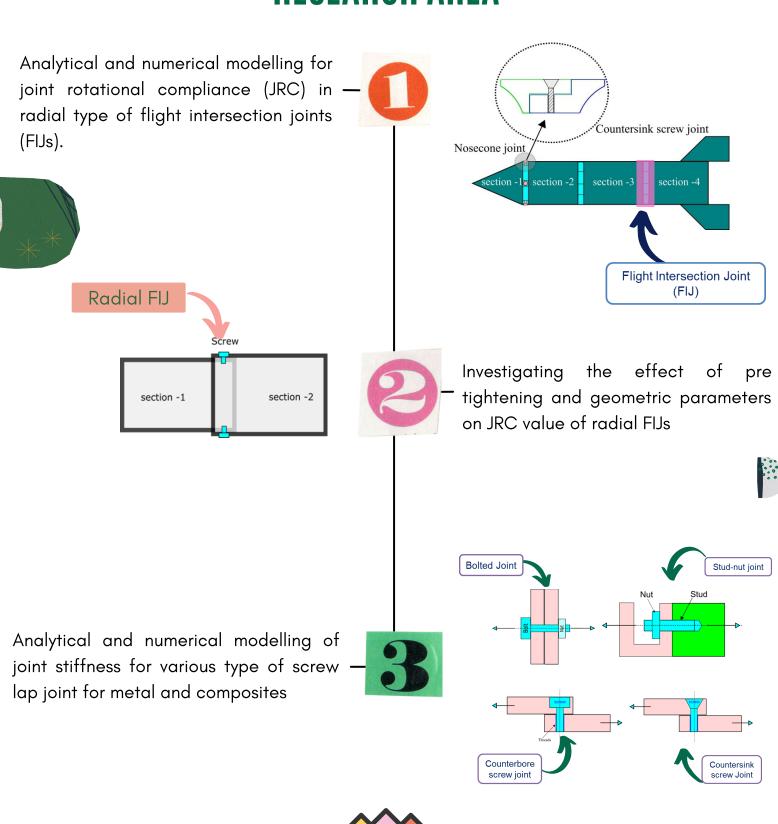
# Rashmiranjan mohapatra

ABOUT: I am a MHRD-DRDO-Ph.D. student at Indian Institute of Technology, Hyderabad; working with Dr.Ramji Manoharan and Dr. Vijayabaskar N (DRDO).

#### **EDUCATIONAL DETAILS:**

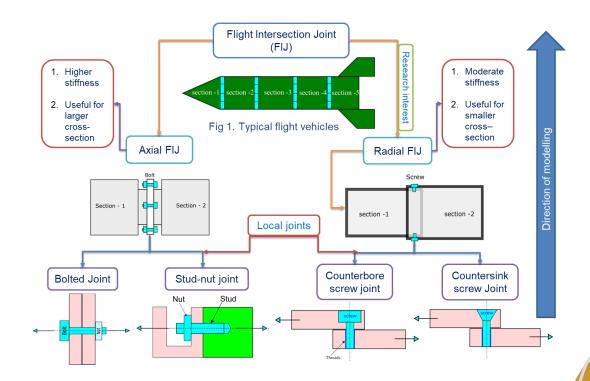
- PhD. in Mechanics and Design, Department of Mechanical and Aerospace Engineering, IIT Hyderabad, Telangana. (2020–Present)
- M. Tech in Design and dynamics, Department of Mechanical Engineering, College of Engineering Technology, Bhubaneswar, Odisha. (2018–2020)
- B.Tech in Mechanical Engineering, C. V. Raman College of Engineering, Bhubaneswar, Odisha. (2013–2017)

#### **RESEARCH AREA**





### **OVER ALL SCOPE**



#### **MODELLING OF LOCAL SCREW LAP JOINT (LOCAL JOINTS)**

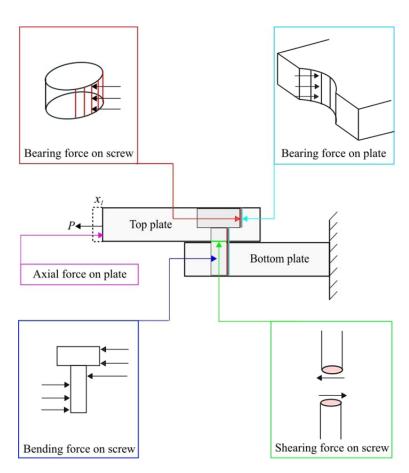
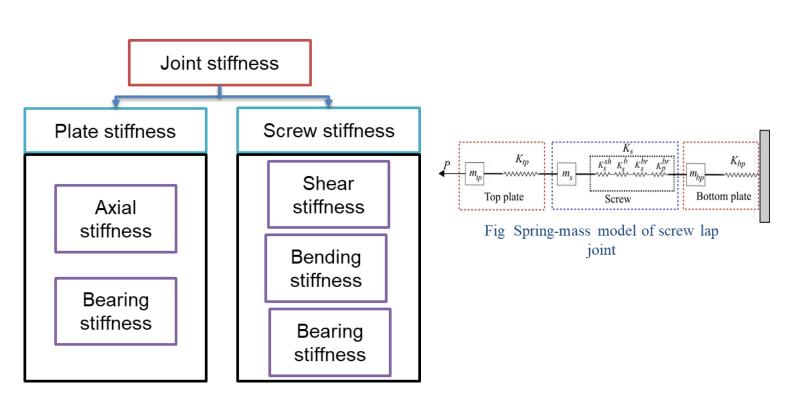


Fig Various forces developed in the joint due to axial load P





## **RESEARCH INTERESTS**

- Mechanical joints
- composite structures