

## Knuckle Joint

- Name of Facility Created:** Knuckle Joint
- Name of The Faculty:** Dr. Divyang Patel & Mr. Satish Verma
- Facility Created:** Winter 2018
- Associated Subject:** Design of Machine Elements (3171917)

**Purpose:**

Knuckle joint is used to connect two co-axial rods which are subjected to axial tensile. The model is developed to identify and demonstrate various resisting area that are used for designing the joint. The model helps easy visualization of different types of failures such as shear, crushing, tensile, bending etc of various section of Knuckle joint.

