### Sanjivani College of Engineering, Kopargaon

(An Autonomous Institute) Affiliated to Savitribai Phule Pune University. At Sahajanandnagar, Post Shingnapur-423603, Ta;: Kopargaon, Dist.: Ahmednagar (MS) Approved by AICTE, ISO 9001-2015 Certified, Accreditated by NBA, Accreditated 'A' Grade by NAAC, Website: www.sanjivanicoe.org.in, Email: principalcoe@sanjivani.org.in, Ph.No.: (+91) 9130191301, Fax: (02423)-222682



## **Department of Structural Engineering**

# **ENGINEERING MECHANICS LABORATORY**

### Class: F.Y. B.Tech. (All Branches)

Area: 66sq.m.

#### **Instruments:**

- 1. Polygon law apparatus
- 2. Reaction of Beam apparatus
- 3. Fly wheel apparatus
- 4. Coefficient of friction
- 5. Direct Central Impact apparatus
- 6. Curvilinear motion apparatus
- 7. Space force system apparatus
- 8. Truss Assembly apparatus





**Reaction of beam apparatus** 



**Coefficient of friction apparatus** 



Space force assembly



Analysis of truss assembly



**Polygon law apparatus** 



Fly wheel apparatus