

Department : **Mechanical**

Year : **2018-2019**

Group No: **14**

Guided By

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Project Title

"DESIGN AND DEVELOPMENT OF UNIVERSAL VIBRATION APPARATUS"

Abstract:

In Mechanical Engineering we have to study a subject named dynamics of machine. In this subject there are many experiments on vibration analysis and frequency. For ex. simple and compound pendulum experiments, Spring Stiffness, single and Double Rotor Experiments and many more. So we have made an apparatus Called Universal vibration apparatus on which we have fixed all these experiments on a single frame. It is compact and cheap. In Market the price of universal vibration apparatus is approx 80,000rs. But we have made this instrument at very low cost. So that students can easily learn all these experiments easily.

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