

## **Report on Course Outcome (CO) class**

**Class: B.Sc. 1<sup>st</sup> Semester 2022**

**Paper Name: Mechanics**

**Paper code: PHY-HG/RC-1016**

**Name of the teacher: Dr. Dipangkar Borah**

### **Details of the Class:**

The course outcome class for B.Sc. 1<sup>st</sup> semester Generic class is taken on 24/08/2022 at commencement of the formal classes as per academic calendar. In the class, the course outcome of the paper “Mechanics” having paper code PHY-HG/RC-1016 is discussed with the student. The summary of the outcome of the course that has been conveyed to the student is provided herewith.

### **Course outcome:**

Upon completion of this course, students are expected to understand the role of vectors and coordinate systems in Physics, solve Ordinary Differential Equations, laws of motion and their application to various dynamical situations, Inertial reference frames their transformations, concept of conservation of energy, momentum, angular momentum and apply them to basic problems, phenomenon of simple harmonic motion, motion under central force, concept of time dilation, Length contraction using special teory of relativity. In the laboratory course, after acquiring knowledge of how to handle measuring instruments (like screw gauge, Vernier calipers, travelling microscope) student shall embark on verifying various principles and associated measurable parameters

### **Photograph of the class:**

