



**K.L.E. Society's**  
**BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE**  
**COLLEGE, CHIKODI – 591 201.**

(Accredited at 'A' with 3.26 CGPA in 3<sup>rd</sup> Cycle)

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Department of Physics 2020-21  
Learning Outcomes

**After completion of the course, students will be able to:**

LO1: Understand difference between moment of inertia and inertia

LO2 : Surface tension, Viscosity, Elasticity and its applications.

LO3: Understand wave nature of sound, difference between sound and light

LO4: Understand Kinetic theory of gases and Brownian motion.

LO5: Understand geometrical and Physical optics

LO6: Learn Dielectrics, Current Electricity, Electrical Instruments

LO7: Thermoelectricity and electromagnetic theory.

LO8 : To learn new concept of Quantum, Wave and Classical Mechanics

LO9 : Learn about Special theory of relativity

LO10 : Understand Analog and digital electronic and its applications

LO11: Learn about difference between atomic and molecular spectra.

LO12: Learn what is solid state physics

LO13: Learn about nuclear physics.

LO14 : Learn what do mean by integral transforms.

LO15 : Able to write computer programming.