



**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

Course Outcomes

1. To learn fixing units, tabulation of observations, analysis of data (graphical/analytical)
2. To learn about accuracy of measurement and sources of errors, importance of significant figures.
3. To know how “g” can be determined experimentally and derive satisfaction.
4. To see the difference between simple and torsional pendulum and their use in daily life.
5. To come to know how various elastic moduli can be determined.
6. To measure surface tension, viscosity and appreciate the methods adopted.
7. To get hands on experience of different equipment.
8. To understand difference between moment of inertia and inertia
9. To understand what is kinetic theory of gases and Brownian motion
10. To understand the concept of thermodynamics.
11. Learn about geometrical optics, cardinal points and Aberration.
12. Understand Dynamics Of Charged Particles Transient Currents
13. To learn Dielectrics, Current Electricity, Electrical Instruments and Measurements,
14. To learn Interference, Diffraction and Polarization
15. To learn Thermoelectricity and electromagnetic theory
16. Understand what is meant by Classical, Quantum Mechanics and Special theory of relativity
17. Understand Analog and digital electronics and its applications
18. Learn difference, quantum mechanics and wave mechanics.
19. Learn about difference between atomic and molecular spectra
20. Learn solid state physics and nuclear physics
21. Learn what do mean by integral transforms.
22. Understand optoelectronics
23. Able to write computer programs.