



**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 )

Website: [www.klesbkcollegechikodi.edu.in](http://www.klesbkcollegechikodi.edu.in)

e-mail: [kles\\_bkcc@rediffmail.com](mailto:kles_bkcc@rediffmail.com)

☎ : 08338 – 272176

---

Department of Physics  
2018-19  
Course Outcomes

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