

P.D.E.A.'s

Prof. Ramkrishna More Arts, Commerce and science college Akurdi, Pune-44

Department of Physics

Paper Title

Paper I

Section I (For Term 1): Mechanics

Section II (For Term 2): Heat and Thermodynamics

Paper II

Section I (For Term 1): Physics Principles and Applications

Section II (For Term 2): Electromagnetics

Paper III (For Term1 and Term 2): Practical

S. Y. B. Sc.

(Semester Pattern)

(From Academic Year 2014-2015)

Semester I

Paper Title

Paper I (PHY211) Mathematical Methods in Physics I

Paper II (PHY 212) Electronics I /Instrumentation

Semester II

Paper Title

Paper I (PHY221) Oscillations, Waves and Sound

Paper II (PHY 222) Optics

Practical Course (Annual)

Paper III (PHY 223) (Annual) Practical

T. Y. B. Sc. (Physics)

(Semester Pattern)

(From Academic Year 2015-2016)

Theory Courses (Semester)

Semester III

PH331: Mathematical Methods in Physics II

PH332: Solid State Physics

PH333: Classical Mechanics

PH334: Atomic and Molecular Physics

PH335: Computational Physics

PH336: Elective I B: Elements of Materials Science

Semester IV

PH341: Classical Electrodynamics

PH342: Quantum Mechanics

PH343: Thermodynamics and Statistical Physics

PH344: Nuclear Physics

PH345: Electronics II /Advanced Electronics

PH346: Elective II J: Lasers

Practical Courses (Annual)

PH347: Laboratory Course I

PH348: Laboratory Course II

PH349: Laboratory Course III (Project)