

**Department of Physics**  
**DDU Gorakhpur University, Gorakhpur**

**SYLLABUS FOR 3 Yr B.Sc. Degree**

(SESSION 2013- 2014)

|   |                          |
|---|--------------------------|
| <b>B.Sc. I</b>  | <b>Total Marks: 200</b>  |
| (A) Theory Papers   | Max. Marks               |
| Paper I: Mechanics  | 45                       |
| Paper II: Oscillations and Waves                          | 45                       |
| Paper III: Electricity and Magnetism                      | 45                       |
| (B) Practical Work  | 65                       |
| <b>B.Sc. II</b>   | <b>Total Marks: 200</b>  |
| (A) <u>Theory Papers</u>                                  | <u>Max. Marks</u>        |
| Paper I : Thermal Physics                                 | 45                       |
| Paper II : Optics   | 45                       |
| Paper III: Electronics                                    | 45                       |
| (B) Practical Work  | 65                       |
| <b>B.Sc. III</b>  | <b>Total Marks : 300</b> |
| (A) <u>Theory Papers</u>                                  | <u>Max. Marks</u>        |
| Paper I : Mathematical Physics and<br>Classical Mechanics | 50                       |
| Paper II : Quantum Mechanics                              | 50                       |
| Paper III: Statistical Mechanics and Modern Physics       | 50                       |
| Paper IV: Spectra of atoms and molecules                  | 50                       |
| (B) Practical Work  | 100                      |