

## Reference Book for CSIR-UGC-NET/GATE Physics

### Mathematical Method of Physics

Advanced Engineering Mathematics- **Erwin Kreyszig**

1. Mathematical Physics- **H.K. Dass**
2. Complex Variables: Schaum Series - **Murray R. Spiegel**

### Classical Mechanics

1. Classical Mechanics - **J.C. Upadhyaya**
2. Classical Mechanics -**Herbert Goldstein**
3. An Introduction to Mechanics - **Kleppner & Kolenkow**

### Electromagnetic Theory

1. Introduction to Electrodynamics - **David J. Griffiths**
2. Classical Electrodynamics - **Walter Griener**
3. Electricity & Magnetism - **B.Ghosh**

### Quantum Mechanics

1. Introduction to Quantum Mechanics - **David J. Griffiths**
2. Quantum Mechanics Concepts & Applications- **Nouredine Zettili**
3. Quantum Physics - **H.C. Verma**

### Thermodynamics and Statistical Physics

1. Statistical and Thermal Physics- **S. Loknathan & Gambhir**
2. Statistical Mechanics- **R. K. Patharia**
3. Fundamentals of Statistical & Thermal Physics- **F. Rief**

### Electronics & Experimental Methods

1. Digital Electronics-**Malvino & Leach**
2. Electronic Devices & Circuit Theory - **Boylestad & Nashelsky**
3. Electronic Devices & Circuits - **Jacob Millman & Christos C. Halkias**

### Atomic & Molecular Physics

1. Introduction to Atomic Spectra- **Harvey Elliott White**
2. Atomic and Molecular Physics - **Raj Kumar**
3. Fundamental of Molecular Spectroscopy- **Colin N. Banwell & Elaine M. McCash**

### Condensed Matter Physics

1. Solid State Physics - **N. W. Aschcroft & Mermin**
2. Introduction to Solid State Physics - **N. W. Charles Kittel**
3. Solid State Physics - **N. W. S.O. Pillai**

### Nuclear and Particle Physics

1. Introductory Nuclear Physics -**Kenneth S. Krane**
2. Introduction to Elementary Particles - **David J. Griffiths**
3. Particle Physics - **C L Arora**