



**Department of Physics**  
**Rishi Bankim Chandra Evening College**  
Naihati, North 24 Parganas, PIN – 743165, West Bengal, India  
Phone: (033) 2581-1281 ♦ Email: [physics@rbcec.in](mailto:physics@rbcec.in)

Ref. No. ....

Date: 13.08.2022

**Course Distribution for B.Sc. Physics General Course 2022-23**

**Semester I (September 2022 to January 2023)**

**3.1 GE T1 - Mechanics**

No. of Lectures: 60 Lectures

**4 Credits**

Course Matter

Resource Person

Mathematical Methods

Prof. Abhisek Adhikari

Particle Dynamics

Dr. Debojyoti Halder

Gravitation

Special Theory of Relativity

Elasticity

Dr. Suman Paul

Oscillations

**Semester III (August 2022 to January 2023)**

**3.5 GE T3 - Thermal Physics and Statistical Mechanics**

No. of Lectures: 60 Lectures

**4 Credits**

Course Matter

Resource Person

Laws of Thermodynamics

Prof. Abhisek Adhikari

Thermodynamical Potentials

Kinetic Theory of Gases

Dr. Debojyoti Halder

Theory of Radiation

Statistical Mechanics



Head,  
Department of Physics



**Department of Physics**  
**Rishi Bankim Chandra Evening College**  
Naihati, North 24 Parganas, PIN – 743165, West Bengal, India  
Phone: (033) 2581-1281 ♦ Email: [physics@rbcec.in](mailto:physics@rbcec.in)

Ref. No. ....

Date: 13.08.2022

**Course Distribution for B.Sc. Physics General Course 2022-23**

**Semester V (August 2022 to January 2023)**

**3.9 DSE 1 – Perspective of Modern Physics**

No. of Lectures: 60 Lectures

**4 Credits**

Course Matter

Resource Person

Relativistic Dynamics  
Quantum Theory of Light  
Bohr's model  
Atomic Physics  
Nuclear Physics  
X-ray and Crystal Structure of Solids

**Dr. Debojyoti Halder**

Wave-particle Duality  
Wave-function Description  
Stationary State Problems

**Dr. Suman Paul**



Head,  
Department of Physics