

Report on CO class

BSC 2th SEM PHYSICS (Generic/ Regular)

PAPER NAME: Mathematical Physics & Electricity and Magnetism

PAPER CODE: PHY151

Class taken on: 07/03/2024

The course outcome class for the B.Sc. 2nd semester Generic and Regular class is taken on 07/03/2024 before commencement of the formal classes as per syllabus. In the class the course outcome “Mathematical Physics & Electricity and Magnetism” paper is discussed with the student. The summary of the outcome of the course that has been conveyed to the student is provided herewith.

Course outcome: After the successful completion of the course, students will be able to understand methods of solving various differential equations appearing in physics. It will give an idea of how to study evolution of a physical system. Through matrix algebra students will be able to compute various matrix operations which are required for solving physical problems. They will be able to understand electric field and magnetic fields in matter, dielectric properties of matter, magnetic properties of matter, application of Kirchhoff’s law in different circuits, and application of network theorem in different circuits. The students will also get accustomed to using multimeters and potentiometers, and they will be able to determine some of the important physical quantities related to electricity and magnetism for a better understanding of the topic.



