

## **Departmental Profile**

### **1. History of the department:**

Department of Physics, Barbhag College was established in the year 1989 simultaneously with three other departments of Science stream of the college with introduction of higher secondary courses. Until 1996, the department offered only higher secondary level courses. In the session 1996-97, the B.Sc General course was introduced with Mahananda Pathak as the only faculty of the department. After that, in 1998, another faculty member, Pulama Talukdar was appointed and in 2010 the third faculty member Lakshi Nath Choudhury was appointed. The Science stream of the college along with the department of physics was provincialised with effect from 14.08.2013. Initially, services of only two faculty members, Mahananda Pathak and Pulama Talukdar were provincialised. The post of the third faculty member Lakshi Nath Choudhury was provincialised as Tutor Assistant Professor, with effect from 01.01.2021.

The Department has started to offer Honours courses in Physics from the session 2024-25.

### **2. Vision and Mission of the department:**

**Vision:** Our vision is to provide a high quality education in the field of Physics and to train the students to gain scientific skills and practical skills. We also envision our students to become competent and motivated professionals by nurturing scientific temper and creativity.

**Mission:** Our faculties are dedicated to performance based teaching and learning which involves students in practicing their skills and knowledge in an environment where they can interact with teachers and classmates. We are committed to the impairment of quality education both in theoretical and experimental physics with special emphasis on learning by doing which is grooming bright undergraduates to become successful in a wide range of career paths.

### **3. Infrastructure:**

The Department has two laboratories well equipped with required instruments and equipment according to the UG syllabus. For theory classes the department uses those classrooms which are common for all science departments. There is a departmental teachers' common room which is used by the teachers to complete their academic work, departmental assignments, to relax after classes and to socialise with their colleagues. The Department has a departmental library with 250 books which can be used by the students and the teachers of the department. Most of the books of the library are donated by teachers and some are specimen copies provided by various publishing houses.