



## **Bon Secours College for Women (Autonomous)**

NAAC Accredited with A++ Grade in cycle II

UGC recognized 2(f) and 12(B) Institution

Affiliated to Bharathidasan University, Tiruchirappalli

Vilar Bypass, Thanjavur- 613 006, Tamil Nadu

### **DBT STAR SCHEME: Strengthening UG Programmes**

#### **Department of Chemistry**

#### **Programme Report**

**An educational program on the DBT Star Scheme** was conducted on 20th August 2024 at 1:45 PM in the classroom C 86. **The Project Coordinator, Dr. R. Kalaivani**, met with undergraduate Chemistry students and provided an overview of the DBT Star Scheme, explaining that the program aims to enhance critical thinking and hands-on experimental work at the undergraduate level in the sciences. The goal is to encourage more students to pursue higher education in science by providing the necessary academic and physical infrastructure to achieve excellence in teaching and offer unique exposure to experimental science.

#### **Dr. Kalaivani outlined the expected annual outcomes of the scheme, including:**

1. An increase in the number of practical conducted individually by students.
2. The introduction of hands-on training to enhance conceptual clarity for topics previously taught through theoretical approaches.
3. Engagement of students in minor research projects.
4. Access to science-related journals and industrial visits.
5. Involvement of students in scientific writing and journal club activities.

She also listed the equipment purchased under the scheme and the related experiments students can perform, encouraging them to use the equipment and chemicals to conduct research in their areas of interest. Additionally, she outlined the activities to be carried out as part of the Star College initiative, emphasizing the importance of skill development, research, and community engagement.

**Dr. Kalaivani** informed the students about the inauguration of new clubs, including the Journal Club, Bon i-Hub, Research Club, and Give Back to Society (GBS). She explained the

purpose, roles, responsibilities, and expected outcomes of these clubs. Finally, she asked students about the training programs they are interested in and assured them that these programs would be organized accordingly.

She encouraged the students to provide regular **feedback** to her to ensure the effective implementation of the scheme and to achieve the expected objectives and outcomes.

### Photo gallery

