



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 Physics)

Outreach Programme Report

A Workshop on Do it yourself' kits and ATAL Tinkering Lab was organized on July 24, 2024, at 11:00 AM in ATAL Tinkering Lab, Ukkadai A. Appavoo Thevar Aided Higher Secondary School, Ammapettai. **Mr.S.Karnan**, PG Assistant Teacher, presided over the program. The resource person was **Dr.R.R.Saravanan**, Assistant Professor in Physics, Bon Secours College for Women (Autonomous), Thanjavur. He was an expert in electronic-based project design and fabrication of electronic components. This Workshop aims to utilise the ATAL lab which provides workspaces where young minds can learn innovation skills, sculpt ideas through hands-on activities, work and learn in a flexible environment.

The Resource person explained about ATAL Tinkering Lab scheme and its objectives to foster curiosity, creativity, and imagination in young minds; and inculcates skills such as design mindset, computational thinking, adaptive learning, physical computing etc.

He demonstrated electronics and electrical components and its uses, applications in day today life and made the students to understand the concepts of STEM (Science, Technology, Engineering and Math). The students worked with tools and equipment and learned '**do it yourself**' kits and equipment on science, electronics, arduino boards, robotics, open-source microcontroller boards, sensors and 3D printers and computers. Nearly 60 students of class 9 and 5 teachers participated and benefitted.

Photo Gallery

