

# **OUTREACH PROGRAMME**

**2020-21**

## **Outreach Program for high school teachers**

### **One day training in**

### **Basic Analytical Techniques and Methods in Biology and Nutrition**

23<sup>rd</sup> February, 2021.

The Department of Biochemistry organized an outreach programme for high school teachers under DBT-Star college scheme on 23<sup>rd</sup> February, 2021. The theme of the programme was one day training in “Basic analytical techniques and methods in biology and nutrition”. A total of 17 high school teachers from various government and private schools took active part in the programme.

The programme started at 9.45am with a formal inauguration by Prof.Y.Ashok, Principal, BVC, Dr.K.Anuradha, coordinator, DBT star college scheme and Dr. A. Sai Padma, Head, Department of Biochemistry. Prof Ashok briefed the participants about the objectives of DBT in providing funding to the college under Star college scheme. Dr. K. Anuradha spoke about the activities of the DBT and motivated the participants to inculcate the importance of technical skills to school children. Dr.A.SaiPadma gave an overview of the training programme to the participants and emphasized on the facilities and expertise available in the department to train teachers.

The inaugural session was followed by the training programme and the teachers were trained in 7 experiments including estimation of haemoglobin, preparation of standard solution using analytical balance, preparation of buffer using pH meter, determination of the absorption maxima of potassium permanganate ( $\text{KMnO}_4$ ) using colorimeter, extraction of proteins from seeds using high speed cooling centrifuge, preparation of diet chart and detection of adulterants in food. Seven faculty members involved in training the teachers and students of M.Sc (Biochemistry) assisted faculty to carry out this programme.

All the teachers expressed satisfaction about the training provided and expressed to conduct more such programmes in the future. The programme ended with distribution of participation certificates by Principal Prof. Y.Ashok and Dr.A.Sai Padma to the enthusiastic participants.



Faculty and participants with the principal



Mrs.D.Rajani demonstrating estimation of hemoglobin



Mrs.S.Vanitha explaining to teachers working of cooling centrifuge



Dr.A. Sai Padma discussing with the participants

Dr.S.Manju Devi teaching the





Students of M.Sc( Biochemistry) and Faculty with the Principal