

**State level Workshop on
PHYTOCHEMISTRY FOR HEALTH AND ENVIRONMENT
WORKSHOP REPORT**



The four day workshop on **“PHYTOCHEMISTRY FOR HEALTH AND ENVIRONMENT”** commenced on 08.02.2016 by 10am with a welcome address by Dr. R. Babu Rajendran, Professor and Head, Department of Environmental Biotechnology. The overall aim of the workshop was explained by the organizing secretaries of the workshop namely Dr. M. Vasanthy, Dr. S. Achiraman and Dr. A. Lakshmiprabha. About 22 students were selected for the workshop out of 25 applicants from different institutions in and around Trichy, Virudhunagar and also from Pondicherry. The colleges include Jamal Mohammed College, Bishop Heber College, Srimad Andavar Arts and Science College, Seethalakshmi Ramaswami College, Pondicherry University, Kamaraj College of Engineering and Technology (Virudhunagar). The students were grouped into 7 each in group I and II and 8 in group III.

This was followed by the invited talk on “Eco – friendly treatment of sugar wash using natural coagulant” by Dr. C. Thamaraiselvi, Assistant professor, Department of Biotechnology, Mother Teresa University, Kodaikanal. In the afternoon a talk was delivered by Dr. A. Lakshmiprabha on the Separation and purification



of secondary metabolites of plant origin. Later the students visited all the labs of Environmental Biotechnology and Plant Science to understand the various fields of research of the departments. The day ended with the lab visit by 5.00pm. The second day started with a motivational talk by Dr. M. Vasanthy, followed by an invited talk delivered by Dr. S. Kamalakkannan, Assistant Professor, Department of Zoology, Bishop Heber College, Tiruchirappalli, on “Adipocytes under

assault” following which the experiments were performed by the candidates themselves and some experiments were demonstrated in the respective labs.

The 3rd day of the workshop began with an invited talk delivered by a guest speaker Dr. A. Aslam, Department of Botany of Jamal Mohammed College, Trichy on the "Metabolic engineering: Problems and prospects - A case study from *Withania somnifera*", followed by the experimentation sessions in respective labs.

On the day 4 the Professor and chair of Department of Environmental Biotechnology Prof. M. Krishnan gave a talk on introduction to proteomics after which we had a photo session and experiments in respective labs. In the evening Dr. M. B. Viswanathan, Professor and Head, Department of Plant science spoke on Medicinal plants. The programme was concluded with the valedictory function, which commenced with the welcome address by Dr. M. Vasanthi followed by the valedictory address by Dr. M. B. Viswanathan, who highly appreciated the joint effort and motivated the students to take up further research. Following which, Dr. S. Achiraman elaborated on the workshop report. Later the feedback was given by three of the participants and the certificates were distributed to the participants. The vote of thanks was delivered by Dr. A. Lakshmi Prabha and the programme concluded with the national anthem.