

EXHIBITION

2012-13

- An Exhibition was conducted by students of Zoology, Botany and Chemistry on February 13th to 14th, 2013 to create awareness on 'Water Security, Healthy Food and Environmental Issues'.

2013-2014

A **Science Fair** was organised on **February 4, 2014, from 9.30 a.m. to 4.30 p.m. at Open Air Theatre** of Stella Maris College by the Undergraduate departments of Botany, Zoology, Physics and Chemistry.

The Fair provided an interesting opportunity to faculty and students to reach out to about 1500 students from nearby Government and Private Schools. The School students were able to view working models, exhibits and demonstrations which enhanced their experiential learning.

School students also gained knowledge on avenues of higher learning, career opportunities in science and institutions providing research facilities.

The school students were also invited to exhibit models on the theme Renewable energy sources and Biotechnology. Seven schools participated in the exhibition showcasing their talents.

Six schools participated in the Science quiz conducted by the Stella Maris science students during the fair and this provided school students an opportunity to have fun filled learning.

Inter Departmental workshops:

2009-10

- A batch of 30 students from Botany, Chemistry and Zoology were given Hands on Training on '**Analytical Instrumentation Techniques**' during summer from Apr. 19-23, 2010. The students learnt the principle, procedure and application of various techniques / instruments like UV-Visible spectrophotometer, Flame photometer, Photo colorimeter, Electrophoretic techniques, Laminar air flow for microbial culture techniques, Chromatographic techniques, Advanced Binocular and Trinocular microscope with camera attachment. The training enhanced their practical skill and infused in them a yearning for scientific research.

2010-11

- One week workshop on **Basic Concepts of Bioinformatics** was organised for II B.Sc. Zoology students on the third week of June 2010 in collaboration with the Department of Bioinformatics, Stella Maris College.

2011-12

- One week **Workshop on Instrumentation Techniques** for 30 students from the departments of Botany, Chemistry, Zoology and Physics from 13.2.2012 to 18.02.2012. Training on Electrophoretic techniques, Chromatography, Flame photometry, Photomicrography, Fluorimetry and Spectrophotometry.
- A Hands-on–training on “**Bioinformatics Tools for Sciences**” for 20 students from the departments of Botany, Chemistry, Zoology and Physics from March 6 to 8th, 2012.
Hands on training on
 - a) BLAST tool which helps to find the similarity between the sequences.
 - b) Multiple Sequence Alignment and Phylogenetic analysis
 - c) Visualizing the biomolecules using Rasmol

2012-13

- A Hands-on–training on “**Bioinformatics Tools for Sciences**” for 18 students from the departments of Botany, Chemistry, Zoology and Physics from January 18th to 21st, 2013.
Hands on training on
 - a) BLAST tool which helps to find the similarity between the sequences.
 - b) Multiple Sequence Alignment and Phylogenetic analysis
 - c) Visualizing the biomolecules using Rasmol

2013-2014

- Workshop on Bioinstrumentation Techniques was organized for 30 students from the departments of by the Departments of Botany and Chemistry, Stella Maris College to enable students to get hands on experience on the various instruments used in life sciences on January 10 and 11, 2014.
 - Four day Workshop was organized by the Department of Bioinformatics for 32 students from the departments of Botany, Chemistry, Zoology and Physics from March 3rd to 6th, 2014 and were given hands on training on “**Bioinformatics Tools for Sciences**”
 - a) Use of bioinformatics tools.
 - b) Evolutionary studies through Bioinformatics
 - c) Drug designing basics and visualization of protein structure.
 - One day inter-disciplinary workshop on Nanoscience was organized by CRIST Lab of Stella Maris College for 25 students from the departments of Botany, Chemistry, Zoology and Physics on January 17, 2014
- i. Training courses organized for the laboratory staff with details of title, duration and no. of participants.**
- ❖ Demonstration and training on Principles and Handling of Fire Extinguisher for the Laboratory Assistants - February 2009
 - ❖ Demonstration and training on Principles and Handling of Fire Extinguisher for the Laboratory Assistants & Supportive Staff - November 2013