

**SOPHIA GIRLS' COLLEGE**  
**(AUTONOMOUS), AJMER**



**DEPARTMENT OF BOTANY**

**2018-19**

1. A Guest Lecture on Climate change



**DEPARTMENT OF BOTANY**

**Orchid - The Botany Forum**

**Sophia Girls' College (Autonomous)**

**Ajmer**

*is organizing*

***A Guest Lecture***

***on***

***Climate Change***

***Resource Person-***

***Dr. Ordetta Mendoza***

***Head Dept. of Bioinformatics***

***Stella Maris College, Chennai***

**Date - 20/07/2018                      at 10:00 am**

**Venue - Auditorium, Sophia Girls'  
College, Ajmer**

**Name of Department** - Botany (Orchid- The Botany Forum)

**Name of the Activity** – A Guest Lecture on Climate change

**Date of activity** - 20<sup>th</sup> July 2018

**Number of Participants** - 157

**Venue** - Sophia Girls' College (Autonomous), Ajmer

**Details of Resource Persons** - Dr. Ordetta Mendoza, Head Dept. of Bioinformatics, Stella Maris College, Chennai, 9445400266

**Objective of the Activity-**

ORCHID - The Botany Forum, organized a Guest Lecture by Dr. Ordetta Mendoza, Head Dept. of Bioinformatics, Stella Maris College, Chennai on 20<sup>th</sup> July 2018. The guest lecture began on an auspicious note of a prayer meet followed by brief introduction of Ma'am Ordetta. Ma'am orientated the students about various causes and factors responsible for climate change. Ma'am also suggested measures which can be taken control environmental pollution and climate change. The session on climate change was followed by a talk on career guidance, helping the students to introspect on wide horizons of opportunities to pursue. Ma'am highlighted some of the careers from science field as well as from other fields and the ways to get through the various examinations.

**Learning Outcome –**

1. Students will gain knowledge on causes and effects of climate change.
2. Students will be more aware and informed about the various careers available in the field of sciences.





*Sandhya*  
Head  
Department of Botany  
Sophia Girls' College  
(Autonomous), Ajmer

## 2. Guest lecture on How to write a Research Paper

**DEPARTMENT OF ZOOLOGY & BOTANY**  
**SOPHIA GIRLS' COLLEGE (AUTONOMOUS),**  
**AJMER**



**Guest Lecture by:**  
**Dr. Monika Kannan**  
**(Head Department of Geography,**  
**Sophia Girls' College (Autonomous),**  
**Ajmer**

**on**  
**How to Write a Research Paper**

**Date: 1-Sep-2018**  
**Venue : College Auditorium**



**Name of Department** - Zoology (NEED Forum) and Botany (Orchid- The Botany Forum)

**Name of the Activity** - Guest lecture on How to write a Research Paper

**Date of activity** - 1<sup>st</sup> Sept' 2018

**Number of Participants** - 51

**Venue** - Auditorium, Sophia Girls' College (Autonomous), Ajmer

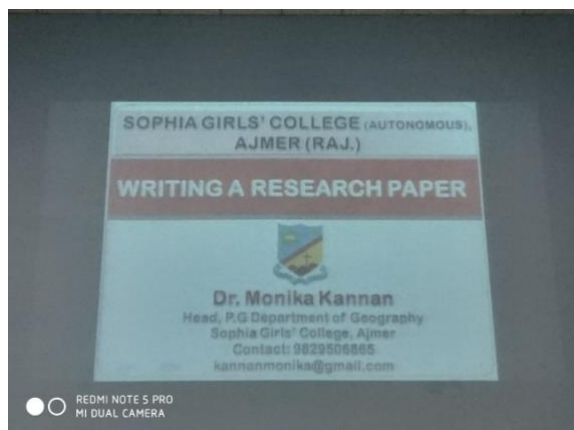
**Resource Person** - Dr. Monika Kannan, Head Dept. of Geography, Sophia Girls' College (Autonomous), Ajmer and a research guide at M.D.S. University, Ajmer, 9829506865

### **Objective of the Activity** -

The main objective of Paper writing is methodical in nature i.e., it is done in a systematic manner. The session was intriguing as it aroused curiosity and interest in the mind of Students. It included all the major components of a research paper writing. An audio-visual presentation made the session easier to understand.

### **Learning Outcome** -

Writing a research paper will help the students to develop and improve reading skills. It will help in developing reading for critical evaluation not just for the purpose of knowledge. Also, it would help in develop reasoning skills.





*M. S. R.*  
**Head**  
**Department of Zoology**  
**Sophia Girls' College**  
**(Autonomous), Ajmer**

**3. Industrial visit to Saras Dairy**



**DEPARTMENT OF BOTANY**

**Orchid - The Botany Forum**

**Sophia Girls' College (Autonomous)  
Ajmer**

*is organizing*

*An Industrial visit  
to  
SARAS DAIRY*

**on**

**30th Oct. 2018**

**(Timings: 9am-2pm)**



**Name of Department** - Botany (Orchid- The Botany Forum)

**Name of the Activity** - Industrial visit to Saras Dairy

**Date of activity** - 30<sup>th</sup> Oct. 2018

**Number of Participants** - 45

**Venue** - Saras Dairy, Ajmer Bypass Highway, Ajmer

**Objective of the Activity-**

Orchid - The Botany Forum in collaboration with the Department of Zoology organised an Industrial visit to Saras dairy on 30<sup>th</sup> Oct 2018. The visit began with an introduction by the Executive in sales, who explained the students about the Chain of Saras in Ajmer and the production and transportation methods.

**Learning Outcome –**

The students visited various sectors like, churning and ghee production sectors, where they explored and understood the functioning of various machines used in the dairy. The students were informed about the process of production of different milk products.





*Sandhya*  
Head  
Department of Botany  
Sophia Girls' College  
(Autonomous), Ajmer

#### 4. Campus Survey

Department  
of  
Botany



Sophia Girls'  
College  
(Autonomous)  
Ajmer

is Organizing

A

*Campus Survey*

on

31st Jan. 2019

**Come let's Explore !**



**Name of Department** - Botany (Orchid- The Botany Forum)

**Name of the Activity** - Campus Survey

**Date of activity** - 31<sup>st</sup> Jan. 2019

**Number of Participants** - 57

**Venue** - Sophia Girls' College (Autonomous), Ajmer

**Objective of the Activity-**

The Department scheduled a campus survey on 31<sup>st</sup> Jan. 2019 for the students of B.Sc. Bio. Part III (Sem VI) to maintain a record of trees present in the College campus. The students were divided into 5 groups. Each group was allotted a particular area like parking area, commerce block, field etc. for the survey. They observed diverse varieties of trees including Neem, Aru, Babool, Ashoka, Araucaria etc. and noted their number to keep a record.

**Learning Outcome –**

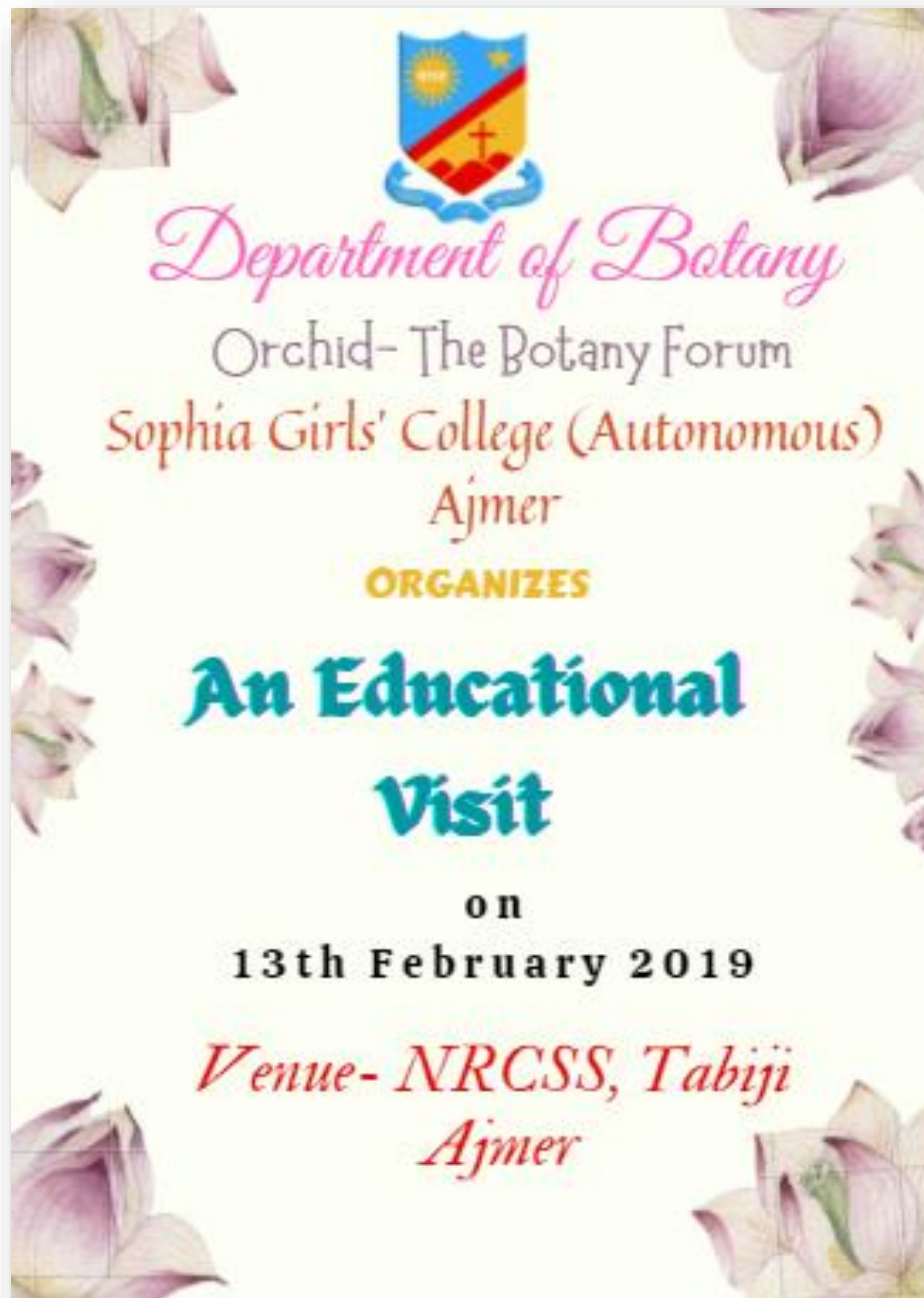
By this exercise the students had an experiential learning and were able to identify a number of trees, observed different patterns of leaves and were able to categorise them.






*Sandhya*  
Head  
Department of Botany  
Sophia Girls' College  
(Autonomous), Ajmer

**5. Educational Visit to NRCSS, Tabiji, Ajmer**





*Department of Botany*

Orchid- The Botany Forum

*Sophia Girls' College (Autonomous)*

*Ajmer*

**ORGANIZES**

**An Educational  
Visit**

on  
**13th February 2019**

*Venue- NRCSS, Tabiji*

*Ajmer*

**Name of Department** - Botany (Orchid- The Botany Forum)

**Name of the Activity** - Educational Visit to NRCSS, Tabiji, Ajmer

**Date of activity** - 13<sup>th</sup> Feb. 2019

**Number of Participants** - 71

**Venue** - NRCSS, Tabiji, Ajmer

**Visit Coordinators -**

1. Prof. S.N. Saxena, Principal Scientist, NRCSS, Tabiji, Ajmer, 9414429765
2. Dr. Abhishek Verma, Senior Scientist, NRCSS, Tabiji, Ajmer
3. Dr. Ravi, Senior Scientist, NRCSS, Tabiji, Ajmer

**Objective of the Activity-**

Orchid (The Botany Forum) organized a visit to the National Research Centre on Seed Spices, Tabiji on 13<sup>th</sup> February 2019 which is an apex centre of Indian Council of Agricultural Research (ICAR) working on improvement of seed species. Students were introduced in brief about the institute by Prof. S.N. Saxena. A career counselling session in agricultural research was taken by Sir Dr. A.K. Verma. The talk was followed by field visit by two scientists Sir Dr. A.K. Verma and Dr. Ravi. The institute also serves to provide knowledge about the utilization of seed spices via KNOWLEDGE PARK in the campus which has all the beneficial products from juices to herbicides made from the seed spices.

**Learning Outcome**

The students got an exposure to cultivational aspects of various seed spices. They also learned about different varieties of seed spices grown in the research centre and about their economic utility.







*Sandhya*  
Head  
Department of Botany  
Sophia Girls' College  
(Autonomous), Ajmer