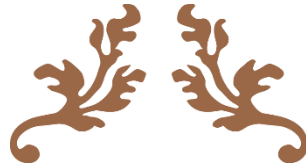




**Women's
Christian
College**

Lighted to Lighten



ACADEMIC ACTIVITIES

2019-2020


**DEPARTMENT OF ADVANCED ZOOLOGY &
BIOTECHNOLOGY**



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BIOTECHNOLOGY**

ACTIVITIES – 2019 – 2020

1. Dr. Betsy Selvakumar, Dr. Annie Rubens, Dr. Benitha Golda D, Dr. Jancy Merlin R, Dr. Evangelin G, Dr. Christina Y organized and participated in **Rachel Philip Endowment Workshop on “Analysis of Variance” on 28th June, 2019**. Dr. Geetha Suresh, Stevenson University, US served as the Resource person.


Women's Christian College
Department of Advanced Zoology and Biotechnology

Cordially invite you to participate in the

Rachel Philip Endowment Workshop

on

Analysis of Variance (ANOVA)

Resource Person
Dr. Geetha Suresh
Stevenson University
USA

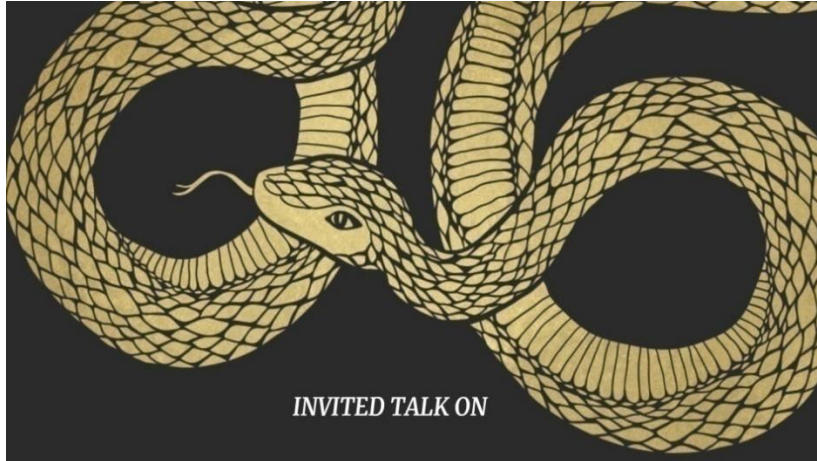
Date : 28th June, 2019
Time: 9.00 am to 3.00 pm

Venue: Computer Centre, Centenary Block



2. Dr. Betsy
Selvakumar, Dr.
Vanitha

Williams, Dr. Annie Rubens, Dr. Benitha Golda D, Dr. Jancy Merlin R, Dr. Evangelin G, Dr. Christina Y organized and participated in the invited talk on **“Indian Snakes and Snake Bites”** on 12th July, 2019. Dr. Ganesh S.R. Deputy Director and Research Scientist, Snake Park, Chennai served as a resource person



INVITED TALK ON

INDIAN SNAKES & SNAKE BITES

Dr. GANESH S.R.
Deputy Director & Scientist,
Chennai Snake Park

FRIDAY JULY 12 12.30 PM
BAMFORD HALL, CENTENARY BUILDING

Department of Advanced Zoology and Biotechnology

Women's Christian College

3. Dr. Betsy Selvakumar, Dr. Vanitha Williams, Dr. Annie Rubens, Dr. Benitha Golda D, Dr. Jancy Merlin R, Dr. Evangelin G, Dr. Christina Y organized and participated in the special talk during moth week on “**Winged Beauties of the Night**” by Dr. Mary Pearl Ravikumar, Former Assistant Professor, WCC on 22nd July, 2019



4. Dr. Betsy Selvakumar, Dr. Vanitha Williams, Dr. Annie Rubens, Dr. Benitha Golda D, Dr. Evangelin G, Dr. Christina Y organized and participated in the invited talk on “**Humans and Biodiversity: Conservation, Conflict or Co-existence**” - 30th July, 2019. Dr. Grace Deepa Senapathi, Senior Scientist, University of Reading, England, served as the Resource Person.

5.



Dr. Betsy

selvakumar and Dr. Jancy Merlin R from WCC with other volunteers participated in the annual bird race event as two teams. The teams had recorded the sighting of 63 bird species. The maximum numbers of birds were spotted at Siruthavoor. The bird of the day was Citrine wagtail. Citrine was posing for camera on a small rock found in the pallikaranai marshland for some time.



It was a truly enriching dawn to dusk event where the faculty members spent their day spotting and identifying birds in the city.





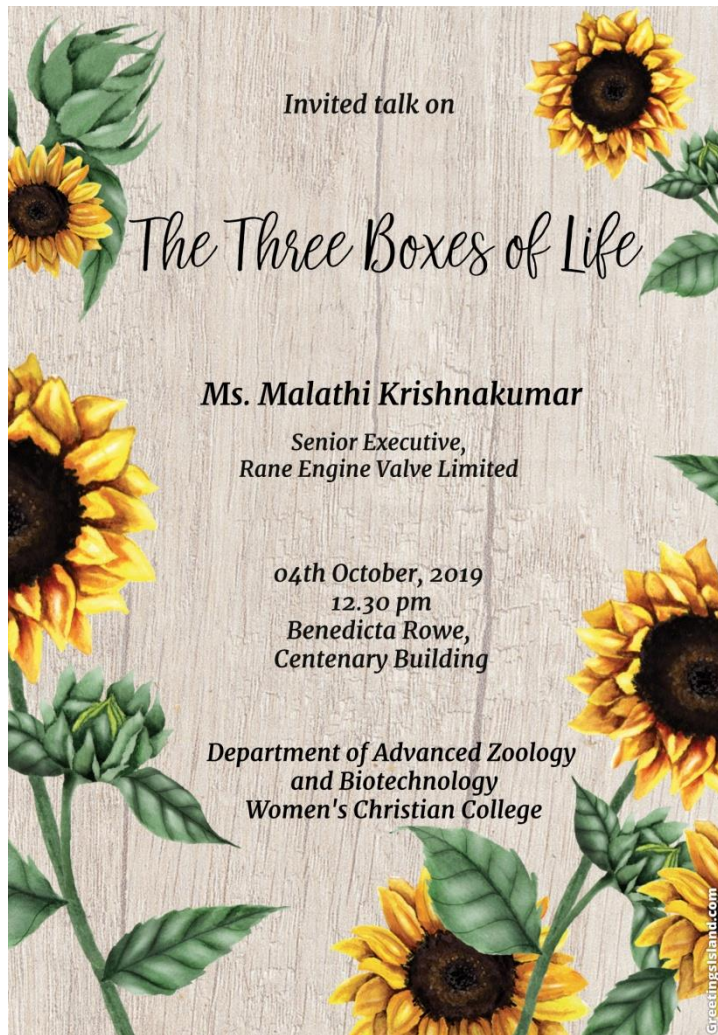
6. Talk on “DOCUMENTING ECOLOGICAL AND SOCIAL ASPECTS OF ARUNACHAL PRADESH” by Ms. Janaki Mohan, World Wildlife Fund (WWF)

Janaki Mohan, former student of the Advanced Zoology and Biotechnology department graduated from WCC in the year 2015. As a student she was said to be vivacious and stays engaged in the activities of the department. After graduating with Master’s degree in Wildlife biology , she began her internship with the World Wildlife Fund (WWF) and later got a permanent position there. She continues to serve the local community people and shining as a steward in conservation working across Community Conserved Areas (CCAs) of Arunachal Pradesh.

On the 25th of September, Ms Janaki gave a motivating talk on the type of conservation work she does at Arunachal Pradesh. Her project was concerned with documenting ecological and social aspects in Arunachal Pradesh in Thembagin West Kameng district, home to Monpa community. She briefed on how the local communities in these CCAs have formed committees to undertake wildlife monitoring, patrolling and community based tourism activities.



7. Invited talk on **“The Three Boxes of Life”** - 4th October, 2019 – Speaker: Ms. Malathi Krishnakumar, Senior Executive, Rane Engine Valve Limited.



The first and the third-year students of Advanced Zoology and Biotechnology had an opportunity to listen to a talk on “THE THREE BOXES OF LIFE.” The speaker was Ms. Malathy, an HR executive of Rane enterprises, a classical dancer and also an alumna of the department. Her speech was engaging and she was easily able to break the ice by making the session interactive and funny.

She termed the three boxes of life as PAST, PRESENT and FUTURE. She was able to relate and elucidate every box with instances and testimonies. She exemplified on how one’s past speaks for them. She also cited that past box is something to be forgotten if it does not inspire one in life. She gave a perfect note for the second box where she urged the students to live in the present in a disciplined manner.

8. Alumna

Talk



Ms.



Meghna Jose interacting with the final year students of AZBT

On the 28th of January , Ms Meghna Jose, an Alumnae of the Advanced Zoology and Biotechnology department of Women’s Christian College had an interactive session with the final years of the AZBT.

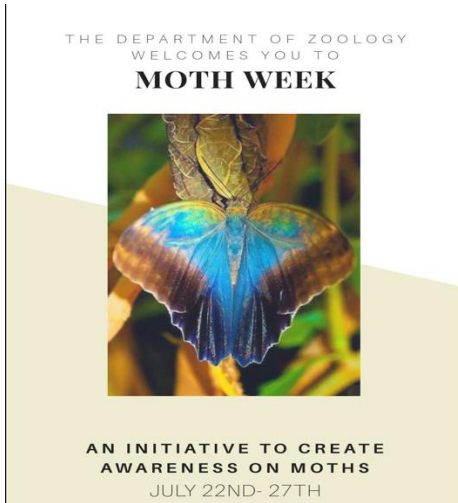
Ms Meghna Jose graduated from the department in the year 2018. She decided to pursue her Masters degree in Molecular Medicine at Curtin University, Perth, Western Australia.

She imparted valuable knowledge to the third year students who are at a crucial phase in their life.

The session was informative and an eye opener to many students as it helped them clarify their questions regarding the international admission procedures.

Bioimage Club Activities

MOTH WEEK CELEBRATIONS– 2019



EVENTS:

- Moth Speak:Winged Beauties of the Night – Dr. Mary Pearl Ravikumar

Former Assistant Professor
Department of Advanced Zoology
and Biotechnology,

Women's Christian College

22nd July, 2019

23rd and 24th July, 2019

24th July, 2019

25th July, 2019

26th July, 2019

26th July, 2019

- Day Mothing –
- Moth Match –
- Moth Awareness Rally –
- Moth Photography and Haiku –
- Sale during Moth Week –

MOTH SPEAK – WINGED BEAUTIES OF THE NIGHT

Resource Person: Dr. Mary Pearl Ravikumar

VENUE : BAMFORD HALL

DATE : 22nd July, 2019

Participants: Students of Class I, II and III of Advanced Zoology and Biotechnology



As a Part of National Moth week Celebrations on campus, department of Advanced Zoology and Biotechnology had organized various events and competitions. The celebrations kicked off officially by an informative lecture by Dr. Mary Pearl Ravikumar, former faculty of the department. Dr. Pearl is an avid bird watcher and can identify any bird within milliseconds. Her passion towards birding and mothing had struck every faculty and student of the department in awe.

Dr. Mary Pearl exemplified the differences between moths and butterflies as the majority considers them to be the same and she aided the students in perceiving moths in a new light as highly diverse, vastly patterned, vivid with various unique characteristics. She fascinated the audience by explaining the mimicking nature of moths, their abilities of disguise etc.

She fondly remembered her memories while mothing on campus and taught the students on how to look for these vivid moths and the various techniques used to attract them for observation. Beautiful photographs captured by her had stunned the audience and gave them the intuition on the need for digital documentation. Students mentioned that this lecture was an eye-opener to the field of moth study and would surely help them in the near future.

MOTH NOONS

VENUE : WCC CAMPUS

DATE : 23rd July, 2019

Participants: Students of Class I, II and III of Advanced Zoology and Biotechnology

The students of AZBT were taken around campus for day mothing. Teachers helped the students to locate, photograph and identify moths during this activity. Class I, II and III students of the department were taken for day mothing and digital documentation of moths during different times of the day. Some photographs taken during mothing are exhibited below.



MOTH MATCH

VENUE : Gallery classroom, AZBT

DATE : 24th July, 2019

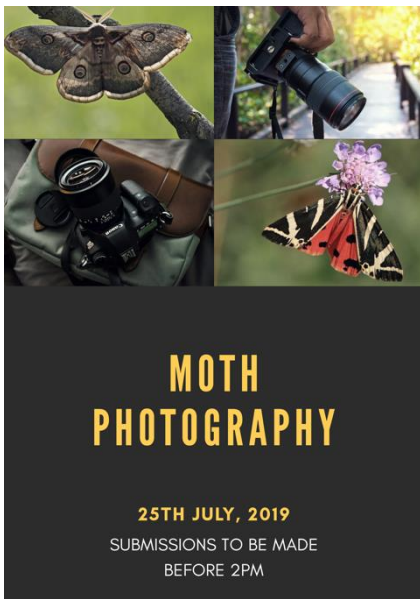
An interdepartmental competition was steered where the students of AZBT had to pair up with a student from any other department and participate in a quiz program. The quiz program was different of its kind where the pictures of moths photographed on campus were projected on the screen and the students were given printed sheets with the information about the facts of those moth species on display. They were asked to match each fact with a suitable moth

species. Students managed to match the maximum number of moths with their respective facts were given prizes. Students from other departments said that the moth match was a fun-filled way to learn more about moths on campus and they thoroughly enjoyed the program.

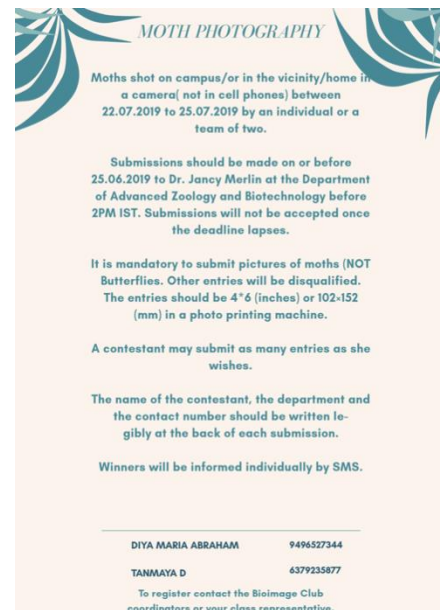


MOTH CLICKS

An interdepartmental photography competition for the students of both shift I and shift II was conducted on the 25th and 26th of July, 2019. Students from various departments enthusiastically participated in the competition and submitted their Moth photographs.

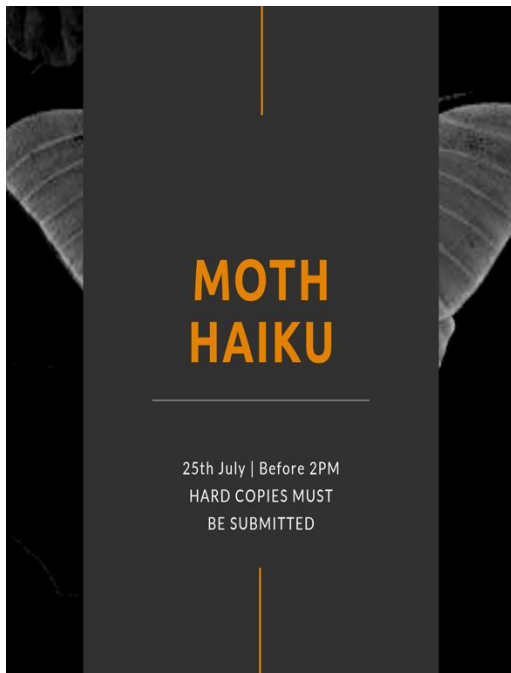


MOTH



HAIKU

A literary competition was held for all the departments of WCC where students were asked to submit a Haiku (2 lined poem) on moths. Students from both shift I and shift II enthusiastically



gave their Haikus. Students mentioned that the event had made them realize the importance of moths and had created an awareness about their diversity.



MOTH RALLY

Members of Bioimage club AZBT coordinated and organized a rally on 25th July, 2019. The motive behind organizing the rally was to insist the importance of biodiversity in which moth plays an important role. Students wore badges displaying photographs of different moth species. They shouted out the slogans about the importance of moth diversity and their role in the ecosystem. They held placards exhibiting the catchphrases by which they spread awareness among the college community



MOTH SALES



DATE : 26th
July, 2019
VENUE :
Outside the
Science
block
TIMING :
10.00 –
10:20 AM

A fundraising sale was held by the members of bioimage club. Students sold a variety of items

ranging from yummy cakes,delicious brownies, mehendi art to Moth photo booths. This fundraiser helps to support the operating expenses of bioimage club. Sales were extremely good and almost everything was sold out in no time.



COMIC STRIP

TOPIC – WILDLIFE CONSERVATION

On the 9th of December,
2019 at 1:20 PM in the lab ,

the bioimage club of the Advanced Zoology and Biotechnology department conducted a comic making competition in order to create awareness on conserving wildlife as it was National Wildlife conservation day on the 4th of December, 2019. The participants submitted creative and thought provoking entries. One first year and nine second years took part in the competition.

PARTICIPANTS:

1. Kanmani – 1st year
- 2nd years :
 2. Sharel Christina
 3. Neha Srinivasan
 4. Roshni J
 5. Jihan Sabrina
 6. Adeline Celina
 7. KeerthanaRajkumar
 8. SafiaV
 9. Sneha V
 10. Ramya Benita