

ZOOLOGY ASSOCIATION 2018-2019
ANNUAL REPORT

ZOOLOGY ASSOCIATION ACTIVITIES 2018-19

The Zoology Association activities of the academic year 2018-'19 started in June 2018. All students and teachers actively participated in all the activities and programmes of the association.

GUIDED BY

Prof. Rejitha V. (Head of the Department)

Prof. Uma Surendran (Association Teacher-in-charge)

The following students were elected as office bearers of the association for the year 2018'19.

GENERAL SECRETARY : SIDHARTH MOHAN : D3

JOINT SECRETARY : MEENU PARTHAN : D2

TREASURER : VISHNU P.S : D3

JOINT TREASURER : ABI SEBASTIAN : D2

CLASS REPRESENTATIVES :

SOPHIA ELIZABETH VARGHESE & ALIDA MARY M.R. : D3

JEESON K. VARGHESE & NASRIN FATHIMA : D2

GEO MATHEW & JUNA MARIAM SHAJI : D1

PROGRAMMES ORGANISED

- The Department Association for the year 2018-'19 was inaugurated on 14th August 2018 at College Auditorium. A Health Camp was conducted in association with the Inauguration, with the help and support of the District Hospital, Kottayam. Ms. Mini,

the Dietitian, inaugurated the camp with a brief awareness class on the importance of nutrition. It was followed by health check-ups and eye testing. More than 250 individuals, including students, teaching staff and non-teaching staff were benefited with the Health camp.

- An Expo on Nutrition Awareness was organised by the Department of Zoology in association with the Department of Botany, as per the order of the Department of Health, Government of Kerala, on 3rd August 2018. The expo was mainly focused on the nutrition that the food we eat in our everyday life provide us. It also aimed at the ill effects of Junk food as well as the balanced diet and its importance. The expo was inaugurated at 11.30 am by our respected principal Dr. Jancey Thomas. It comprised different stalls put up by students under different heads like calories, water, vitamins, green leaves, junk foods etc and also a food stall by the students of the Department of Botany.
- Freshers' Day was conducted by the students of D2 and D3 Zoology classes to give a warm welcome to D1 students on 29th September 2018. Various Entertainment Programme for developing a rapport between students of all the three classes of the Department.
- The Department of Zoology launched a Butterfly garden in the college campus as a new ecofriendly venture on 12th October, 2018. A few students were assigned duty to brought saplings of various larval and adult food plants (host plants) from Tropical Institute of Ecological Sciences (TIES), Velloor, Kottayam and Mr. Sarath, ecologist from TIES guided the students to plant the saplings in correct location of the garden area. This new endeavor helps to familiarize the students about the life cycle and specific host plants of various butterflies. Also it brings a pleasant ambience in the college campus.

- The third edition of Department Fest, Ashwamedha – ‘**ASHWAMEDHA 3.0**’ was held in our campus day 16th February 2019. The event was inaugurated by Prof. C. M. Mathew Sir [founder HOD of Zoology Dept.], our Chief Guest of the day, by lighting the lamp followed by a key note address. The trophy of the fest is been titled by the name of Prof. C. M. Mathew. 43 students from various colleges participated in the fest. The events in the Fest included Spot Choreography, Quiz, Spotter Identification, Hand Painting, Treasure Hunt, Beg Borrow Buy and Craft Making. Reviews were collected from the participants during valediction. The winners of each event were awarded with the certificates and cash prizes. C.M.S College Kottayam lifted the Prof. C. M. Mathew ever rolling trophy by bagging the maximum points. Thus the successful conduct of **Ashwamedha 3.0** was done.

DETAILED REPORTS

NUTRITION EXPO

A nutrition expo was organised by the Department of Zoology in association with the Department of Botany, as per the order of the Department of Health, Government of Kerala, on 3rd August 2018. The expo was mainly focused on the nutrition that the food we eat in our everyday life provide us. It also aimed at the ill effects of Junk food as well as the balanced diet and its importance. The expo was inaugurated at 11.30 am by our respected principal Dr. Jancey Thomas.



Students put up mainly 6 stalls including a food stall. The remaining 5 stalls mainly focused on the nutrition required for a human body. The 5 stalls were:

- 1) Calories
- 2) Vitamins
- 3) Water
- 4) Green leaves
- 5) Junk food

Calories

The group mainly aimed at promoting awareness on the calorific value of food we eat in our everyday lives. They demonstrated how each type of food gets absorbed by the human body and which parts of the human body gets benefited from these foods. They



gave an idea on the calories a person must acquire by eating breakfast, lunch and dinner. The group also succeeded in providing information about the best time to eat. The group also succeeded in providing samples of edible as well as calorie rich food items.

Vitamins

The group aimed at showing the relevance of Vitamins in our daily diet. With the help of charts they showed the types of fruits, vegetables and other edible substances which comes under different types of vitamins i.e Vitamin A,B,C,D,E,K etc. They provided information on both water soluble as well as fat soluble vitamins and provided samples of food items rich in Vitamins such as milk, meat, egg, fish and other types of fruits and vegetables.

Water

Water, as we know, is one of the most important requirements for the proper functioning of human body. The group mainly aimed at the importance of water in maintaining a healthy life style and its irreplaceable part in digestion. They gave information on the amount of water one must drink everyday and according to the age group. They also



demonstrated the difference between hard water and soft water and also showed which is best to drink.

Green leaves

The group targeted at the importance of leafy vegetables in our food habit. They demonstrated how green leaves play an important role in the balanced diet plan of an individual. They also gave information on the importance of spices like cinnamon, cardamom etc. in the food and also the importance of leafy vegetables in our balanced diet.



They provided samples of pulses and cereals which must be included in the diet and gave a brief description of their importance.

Junk food

The group mainly aimed at giving awareness on the ill effects caused by the overdependence on junk food. They mainly focused on the food items like chocolates, snacks such as pizza, burger etc and soft drinks. The group at first demonstrated how the covers of chocolate itself provide information on the artificial sweeteners and other components added to it. They also gave a brief description on how it mainly affects the body parts especially tooth. The group then gave awareness on the hazardous side of snacks and food items like porotta, pizza, burgers and sandwiches. As a conclusion they demonstrated the poisonous effects of soft drinks such as Pepsi by showing the changes it cause to human teeth and an iron nail after immersed into it.



A food stall was put up by the students of the Department of Botany. The stall provided nutrient rich food items and was one of the huge attractions of the event.

ASSOCIATION INAUGURATION AND HEALTH CAMP

The Department Association for the year 2018-'19 was inaugurated on 14th August 2018 at College Auditorium. A Health Camp was conducted in association with the Inauguration, with the help and support of the District Hospital, Kottayam. The whole hearted co-operation of Ophthalmology and Dietetics Departments of the hospital were extended for the camp. Ms. Mini, the Dietitian, inaugurated the camp with a brief awareness class on the importance of nutrition. It was followed by health check-ups and eye testing. The health-checkup reports of each beneficiary were then analysed and suggestions based on the report were given by the dietitian to follow a healthy diet. Eye testing was co-ordinated by Ms. Sreekala, the optometrist. More than 250 individuals, including students, teaching staff and non-teaching staff were benefited with the Medical camp. The camp held from 10.30 a.m. to 3 p.m. and it was found a grant success.

Prof. Uma Surendran, the teacher-in-charge of the Department Association coordinated the Camp with the wholehearted support of the HoD (in-charge), Dr. Rejitha V. and other staff members, Dr. Anit M. Thomas and Prof Sany Mary Benjamin and the students of the Department.

Photos of Health Camp conducted on 14th August, 2018.



Inauguration by Ms. Mini, Dietician of the Department of Dietetics, District Hospital, Kottayam



Registration



Nutrition Awareness class by Ms. Mini



Eye testing



Health Checkup

FRESHERS' DAY

The Fresher's day of Zoology Department for the year 2018-2019 was conducted on 26th September, 2018. The new comers of the department i.e D1 Zoology were asked to come in same colour combination attire in order to maintain the uniformity. The event was held at Mrs. Mamman Mappila hall starting at 1.30 p.m. with teachers of the Department itself being the chief guests. The aim of the event was to develop a rapport among the students of all the three classes of the Department for the smooth functioning of the Department activities. The first year students were given smileys of different emotions in order to group them and for performing various activities. Dr. Rejitha V., Head of the Department welcomed the students. It was followed by various activities which included the dance and songs by both the third year as well as second year students. The event also proved to be a great opportunity for the first year students to express their talents such as in singing, dancing etc. The programme was concluded by 4.00 p.m. with the Vote of Thanks from Mrs. Sany Mary Benjamin and Dr. Anit M. Thomas, Assistant Professors of the Department and also by giving snacks and other refreshments.

BUTTERFLY GARDEN

The Department of Zoology launched a Butterfly garden in the college campus as a new ecofriendly venture on 12th October, 2018. Ms. Uma Surendran, the teacher-incharge of the Department Association co-ordinated the activities for the starting up of the venture with the wholehearted co-operation and support of the Department team, HODin-charge, Dr. Rejitha V., the faculty Dr. Anit M. Thomas and Ms. Sany Mary Benjamin and the non-teaching staff Mr. Joshy. The selected students of D2 Zoology brought saplings of various larval and adult food plants from Tropical Institute of Ecological Sciences (TIES), Velloor, Kottayam and Mr. Sarath, ecologist from TIES guided the students to plant the saplings in correct location of the garden area. A few students of D1 class were assigned duty for watering and manuring the plants. Close monitoring of the developments in the garden is

regularly done by the staff and students of the Department. Various stages of life cycle of different butterfly species were observed on specific host plants in the garden. This new endeavor is very beneficial to the students of the department who are interested in biodiversity studies for their curriculum based project

work. Also it brings a pleasant ambience in the college campus.



A view of butterfly Garden during its beginning



Mr. Sarath from TIES giving instructions to students to plant the saplings in correct position of the garden area



A view of butterfly garden after six months of its launch



Caterpillars of butterflies on their specific host plants

STUDY TOUR 2018-'19

The tour of D3 Zoology for the year 2018-19 was conducted for three days starting from 16th January, 2019. The first day of the tour was strictly academics oriented. The journey began at 5.00 a.m. on 14th January and all 32

students along with 2 teachers and a lab assistant comprised the tour party. The first destination was Central Marine Fisheries Research Institute (CMFRI), Ernakulum. The students got an opportunity to learn about the marine biodiversity as well as various methods on conserving the diversity. The institute provided demonstration sessions on electron microscopy and processing of food fishes. The students were shown aquariums with marine fishes and a museum with preserved specimens ranging from sponges to higher animals. Small lectures were given on topics like, 'How pearl is secreted by an oyster', as well as a detailed lecture with samples on how to determine the age of a fish. Later, the students had some leisure time at Marine drive. They were taken into the open sea in a cruise boat with a dance floor.

The next destination was Chikmaglur and the group reached there on the morning of January 15th morning and checked in to Hotel Raj Mahal Orchid. After breakfast the students along with the teachers and staff were taken for a jeep trekking into the Chikmaglur hills. On the way the group halted at several scenic spots taking in the mesmerizing beauty of the hills.

On 16th January morning the group started to Belur, the next destination. After spending some time at the Belur temple, the group left to Coorg. The students were taken for river rafting and they spent an hour in the lake.



Study tour team at CMFRI and Belur Temple

The next destination was a Buddhist temple located at Coorg. The students enjoyed the serene and calm ambience in the temple and it was an uplifting experience which they have never experienced in their life. They were later taken out for shopping in a marketplace in Coorg. A dance party was organized by the trip operating group for the students. In spite of being a long day, the students had the fun of a lifetime dancing with their friends.

ASHWAMEDHA 3.0 – DEPARTMENT FEST

All great things begin with a small step and one such step was taken before three years by two students, Balu M Nair and Christine Kevin Kurian of 2014-2017 batch marked a beginning for Ashwamedha. The day 16th February 2019, the third edition of Ashwamedha – ‘**ASHWAMEDHA 3.0**’ was held in our campus. There was a colorful welcome dance by the students of the Department followed by the inauguration ceremony which begun at 10 a.m. Dr. Rejitha V., HoD-in-charge welcomed the gathering. Prof. C. M. Mathew Sir [founder HOD of Zoology Dept.], our Chief Guest of the day, inaugurated the Fest by lighting the lamp. The trophy of the fest is been titled in his name. Thereafter was the key note speech by the Chief Guest. He encouraged the students with his warm and motivating words.

The registration started at 9.30am. 43 students from various colleges participated in the fest. Our events included Spot Choreography, Quiz, Spotter Identification, Hand Painting, Treasure Hunt, Beg Borrow Buy and Craft Making.

Our very first event was Spot Choreography. Participants from different colleges performed in this event. **Newman College** bagged the **Ist prize**. It was followed by spotter identification which was the only Zoology exclusive event of the fest. **C.M.S. College Kottayam** won the **Ist prize**. Treasure hunt has always been the most energetic event and it began by 12 pm. The team from **Devamatha College** secured the **Ist Prize** and **4k** worth cash prize. There was a small break in the day’s session for the lunch. We arranged the food for every participant in our college canteen.

The next half of the day began with the Quiz. Mr. Sarath Sudakaran was our Quiz Master and it was purely based on current affairs. **S.B College Changanacherry** won the **Ist prize**. Hand Painting and Beg Borrow Buy began by 1.30 pm. ‘**Galaxy**’ was the topic for our Hand Painting competition. **C.M.S College Kottayam** bagged the **Ist prize**. Beg Borrow Buy was another fun packed event of the day. The participants were asked to collect 20 items within one and a half hours and our home team secured **Ist Prize**. Though we had organized the craft making competition, it had no participants. It was really mesmerizing to see the students actively participating in every other event.

The official climax of the fest was marked by the valedictory function. Prof. Sany Mary Benjamin [Association in-charge] gave the felicitation address. We collected reviews from each participant of the fest. Then the winners of each event were awarded with the certificates and cash prizes. C.M.S College Kottayam lifted the Prof. C. M. Mathew ever rolling trophy by bagging the maximum points. Thus we could successfully conduct the third edition of **Ashwamedha**.



Welcome Dance by the students of the Department



Inaugural Ceremony



Inauguration by Prof. C.M. Mathew



Inauguration



Prize distribution to winners of various events



Feedback from participants



C.M.S College Kottayam receiving the Prof. C. M. Mathew ever rolling trophy by bagging the maximum points.

STUDENT ACHIEVEMENTS:

Sl. No:	Name of student	Nature of achievement	Remarks	Details of paper cuttings/photos attached
1.	Jinesh Joesph Varghese	2 nd prize for pencil drawing	Competition conducted in view of World Environment Day	Conducted by Chemistry dept, Baselius college
2.	Joel Ann Jacob	1 st prize for Poster Designing Competition	Competition conducted in view of Ozone Day	Conducted by the Department of Physics, Baselius College
3.	Joel Ann Jacob	Consolation Prize for Painting Competition	Competition conducted in view of Ozone Day	Conducted by the Department of Chemistry, St. Xavier's College, Vaikom
4.	Siddharth Mohan	Participation in the 'ZOOFEST' of Kottayam zone	Zonal ZOOFEST conducting every year	Organised by the Department of Zoology, B.C.M. College, Kotayam.
5.	Raga Thankachan			
6.	Chippy Subhash			
7.	Jinesh Joseph Varghese			
8.	Meenu Parthan			
9.	Amal Gopi			
10.	Nijin K. Mani			
11.	Jaibin Jose			
12.	Amelia George			
13.	Fathima Aliar			
14.	Chippy Subhash	Second Prize for Face Painting	'MULGARA'	Fest conducted at CMS College, Kottayam on 5 th January 2019
15.	Asmila Anil G. Krishnan			
16.	Joel Ann Jacob	Second Prize for Poster Designing	'EMERALD QUEST 2019'	Fest conducted at K.G. College, Pamapady on 11 th January, 2019
17.	Geo Mathew	First Prize for Treasure Hunt	'ZRISHTI 2019'	Fest conducted at S.B. College, Changanassery on
18.	Shuhaib Muhammed			

19.	Sandra Maria Sabu			28 th January, 2019
20.	Rose Christy			
21.	Fathima Risna Shirin			
22.	Jaibin Jose	2 nd Prize in Ganamela	‘Agnithreya’ – College Arts Festival held in February 2019	
23.	Ahalya Madhu	3 rd Place in Group Dance - Eastern		
24.	Raga Thankachan	3 rd Place in Group Dance - Eastern		
25.	Gadha M.A.	3 rd Place in Group Dance - Eastern		
26.	Amruthlakshmi	1 st Place in Group Dance - Eastern		
27.	Jaibin Jose	2 nd Place in Group Song - Indian		
28.	Ambuja K.J.	2 nd Place in Thiruvthirakkali		
29.	Juna Mariam Shaji	2 nd Place in Thiruvthirakkali		
30.	Pratheeksha Uthaman	3 rd Place in Thiruvthirakkali		
31.	Meenu Parthan	3 rd Place in Thiruvthirakkali		
32.	Ashifa Fathima	2 nd Place in Mehandi		
33.	Amal Gopi	1 st Place in MIME		
34.	Renjith Reji	1 st Place in MIME		
35.	Arun Raj T.R.	1 st Place in MIME		
36.	Ajith Pavanan	1 st Place in MIME		
37.	Meren Benny	3 rd Place in Elocution – Hindi		
38.	Amruthalakshmi	2 nd Place in Keralanadanam		
39.	Abi Sebastian	2 nd Place in Group Song – Indian		
40.	Jeelson K. Varghese	3 rd Place in Mimicry		

41.	Josmi Elsa Joseph	3 rd Place in Margamkali		
42.	Meren Benny	3 rd Place in Margamkali		
43.	Amruthalakshmi	3 rd Place in Margamkali		
44.	Anisha P. Raj	1 st Place in Shotput - Women	College Annual Sports Meet	Held at Baselius College, Kottayam
45.	Anisha P. Raj	2 nd Place in Discus Throw - Women		on 13 th February, 2019
46.	Aleena P. Krishna	4 x 200 m Relay		
47.	Anjali Asok	4 x 200 m Relay		
48.	Sophia Elizabeth Varghese	4 x 200 m Relay		
49.	Sophia Elizabeth Varghese	200 m track		
50.	Raga Thankachan	Best Outgoing Student		Prof. E. John Mathew Koodarathil & Oonunni Paul Memorial Endowment
51.	Raga Thankachan	Meritorious Performance in Academics		Mrs. Kunjukunjamma Panicker Memorial Endowment
52.	Raga Thankachan	Meritorious Performance in Academics	Merit Day and Prathibhasangamam 2018-2019	(Dr. A.P. Mani Memorial Endowment
53.	Athulya P. Shaji	Meritorious Performance in Academics		Jeevakarunya Trust Endowment
54.	Sonamol Babu	Meritorious Performance in Academics		Padinjarekkara Itty Kurian Trust Fund
55.	Sneha Padmanabhan	Meritorious Performance in Academics		Social Service League Scholarship
56.	Siddharth Mohan		Based on the	Conducted by

57.	Raga Thankachan	Winners of 'Talento'	Outstanding Performance in the Talent Fest	'ENBRIDG' – Institute of Management and Technology
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TEACHER ACHIEVEMENTS: 1

One of the faculty of the Department Dr. Rejitha V., Assistant Professor and HoD-in-charge Participated in the Winter School Training Programme on 'Recent Advances in Fishery Biology Techniques for Biodiversity Evaluation and Conservation Organised by ICAR – Central Marine Fisheries Research Institute (CMFRI), Kochi. The programme was for a period of 21 days from 1st to 21st December 2018. A tight schedule of theory and practical sessions on various specialized areas of fisheries were conducted during the programme.

CONCLUSION:

The activities of Department Association for the year 2018-'19 were done successfully with the wholehearted effort and support of the students and faculty of the Department with creativity and hardwork. The students were involved in all the activities with much enthusiasm and the teachers could identify the organizing capacity, leadership quality and many other talents inherent in the students.