



DEPARTMENT OF ZOOLOGY
KKTU Government College,
Pullut

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Department of Zoology Annual Report 2017-18

5th June 2017

World Environment Day

Time: 10 am to 1 pm

Venue: Zoology Laboratory

Theme: 'Connecting People to Nature'

Organizers: Dept. of Zoology, KKTm Govt. College, Pullut .The Department of Zoology of KKTm Govt. College, Pullut observed the World Environment Day on June 5, 2017, at KKTm Govt. College, in collaboration with. The programme commenced with a prayer by the students. Mr.Prasad N.K., Assistant Professor of Dept. of Zoology introduced the significance of observing Environment Day and welcomed the gathering. Mr. Shihabudeen A.S., HoD, Dept. of Zoology delivered the presidential address. The programme was inaugurated by Dr. Muralidharan Nair K, Principal, KKTm Govt. College, Pullut. To mark the occasion, saplings were handed over to the school students by Mr. Shihabudeen A.S., HoD, Dept. of Zoology, KKTm Govt. College. He also took a class on the topic 'Need for Biodiversity Conservation'. Mr. Sudhikumar A.V., Assistant Professor, Dept. of Zoology, Christ College, Irinjalakkuda, did a talk on the topic 'Role of layman in Conservation of Nature'. Dr. Nesy E.A, vice principal, KKTm Govt. College felicitated the function. Dr. Smitha S.L., Assistant Professor (Ad. hoc) proposed the vote of thanks. 22 School students from nearby schools, teachers, etc. participated in the function.

6th & 7th November 2017

Seminar cum Workshop: Parataxonomy - Disseminating Knowledge to Layman

From time immemorial, man has been fascinated by nature. Emergence of science have opened new vistas for reliable explanations of nature and its phenomena. A large quantum of scientific knowledge remains inaccessible to layman. Citizen science has been an initiative launched to cater to the needs of scientific enquiry of persons without a science background or sometimes

formal education. Parataxonomy is such an approach which make use of untapped human resources for on field identification and classification of specimen to 'Recognisable Taxonomic Units' which helps to increase the efficiency and value of the work of taxonomists. In this context Department of Zoology has taken an initiative to make awareness among the educated society regarding the scope of Citizen Science especially parataxonomy in the field of biological studies.

As the first step towards this end, a Two day Seminar cum Workshop on **"Parataxonomy; disseminating Science to Layman"** was organised by the department on 6th and 7th November 2017.

The Programme

The Programme started at 8:30 am on 6/11/17 with a theme unveiling ceremony preceded by a brief introduction of the theme. Chief patron of the venture Dr. Muraleedharan Nair, Principal KKTU Govt. College Pullut unveiled the theme. It was followed by a short but meaningful message by Dr. E.A.Nesy, Vice Principal and words of gratitude by Prasad N.K., Co-ordinator of the seminar.

First Technical Session was handled by Dr. Sudhikumar A.V., Asst. Professor, Christ College Irinjalakkuda. He vividly explained the morphology, Anatomy, ecology and behaviour of spiders and was successful enough in creating enthusiasm among the listeners.

Second Technical session focused on Avian taxonomy, a highly magnificent world of birds by Dr. Nameer P.O., Professor of College of Forestry, Mannuthy. He explained the commonly found birds of Kerala along with their interesting behaviour patterns.

Session – III elaborated the diversity of Dragon flies and damsel flies of Kerala, by Dr. Emiliyamma, Grade D scientist Zoological Survey of India Kozhikode. She could explain the common flies found in kerala with a special emphasis on their behaviour.

Session IV was an oral presentation by Dr. Muhamed Jafer Palot, Assistant Zoologist of ZSI Calicut regarding the rich and diversified world of Lepidopterans in Kerala. Common names and special features of common butterflies and moths of Kerala were discussed in detail.

Second day of the programme focussed on on-hand Training sessions of Animal Diversity. A total of 4 diverse sessions were handled by experts from the corresponding fields; World of Odonates – Dr. Bijoy C. , Assistant Professor of Zoology, Christ college Irinjalakkuda, Morphospecies level identification of birds- Sandeep Das, Research Associate, KFRI Peechi, identification of common spiders of Kerala – Dr.Sudhikumar, Assistant Professor of Zoology, Christ college Irinjalakkuda, Common Butterflies of Kerala – key for identification- Dr.Muhamed Jaffer Palot, ZSI Calicut, Protocol for simple identification of fresh water fishes of Kerala- Dr.Moncey Vincent , Assistant Professor of Zoology , Sacred Heart College Thevara, Ernakulam.

Programme came to an end with a valedictory function presided over by Principal KKTU Govt. College. Miss Navya Pious, Guest Lecturer of Zoology expressed vote of thanks. Feedback from selected participants was also a highly noteworthy event. Many of them expressed the reviving of Taxonomy studies to the fore front so as to meet various issues related to biodiversity loss.

6th December 2017

Raising Awareness: Lecture on AIDS - Reality and Notions

Venue: Audio Visual Room

Time: 10 am -12 am

A significant social awareness initiative took place in December through a lecture on AIDS awareness. Dr. Sandeep Sreeharshan, a respected medical professional, addressed the students and faculty. The lecture aimed to dispel misconceptions surrounding AIDS, focusing on accurate information, prevention strategies, and the importance of destigmatizing the disease.

Through this event, the Department played a role in promoting health During this period.

December 12, 2017

Zoology Association Inauguration

Venue: Audio visual room

Time: 9: 30 am -12: 30 am

On December 12, 2017, the Zoology Association Inauguration took place at Audio visual room of the college marking an important event for students, faculty, and guests interested in the study and conservation of biodiversity.

Mr. Sandeep Das, a respected Research Fellow (EDGE) inaugurated the event. His presence added a sense of prestige to the occasion, as he brought his expertise and insights into the realm of zoology. With a focus on the unique amphibians found in Kerala's ecosystems, Mr. Das discussed the significance of these often-overlooked creatures, shedding light on their ecological roles and evolutionary importance.

Dr. Nesy E.A, the Vice Principal of the institution, graced the event with her presence and delivered a felicitation address. Her acknowledgment of the Zoology Association's role in promoting biodiversity awareness and conservation resonated with the attendees.

Aswathy P A, the Association Secretary, extended a warm welcome to all attendees, emphasizing the Association's commitment to exploring and safeguarding the diverse animal life in Kerala.

Mr. Sandeep Das's talk on "The amphibians of Kerala" was both enlightening and engaging. He provided insights into various amphibian species, their habitats, behaviours, and the challenges they face due to factors like habitat loss and climate change. This informative session left the audience with a deeper appreciation for these often-underappreciated inhabitants of Kerala's ecosystems.

The event concluded with a vote of thanks delivered by Mr. Mohammed Anas, a final year B.Sc. student. His gratitude extended to all who contributed to the success of the Zoology Association Inauguration, encapsulating the sense of unity and shared purpose that characterized the event.

23rd January to 15th February 2018

Exploring Nature's Wonders: Field Visits

the Department organized two memorable field visits that allowed students to immerse themselves in the breathtaking natural beauty of the Chimmoney Wildlife Sanctuary and the Nelliampathy Reserve Forest. These excursions provided students with the opportunity to witness diverse ecosystems, observe a variety of flora and fauna, and gain a deeper understanding of the delicate balance of nature. Through guided tours and interactive sessions, students learned about the critical need for biodiversity conservation and sustainable ecological practices.

Table1. The places visited for the study tour with date of visit

| Places visited | Date |
|--|-----------------------|
| a. ZSI, Calicut | 23, January 2018 |
| b. Nelliampahy Reserve Forest& Farmhouse | 31, January 2018 |
| c. Njarakkal Aquaculture farm | 06 February 2018 |
| d. Munnar | 12, February, 2018 |
| e. Chimmoney Reserve Forest & Athirappilly, Vazachaal Reserve forest | 15, February, 2018 |

5th February 2018

Wetland day celebration 2017-18

Time: 1:00 pm- 4:00 pm

Venue: KKTm Govt. College, Zoology laboratory

Theme: 'Need for Conservation of Wetlands'

Organizers: Dept. of Zoology, KKTm Govt. College, Pullut & Bhoomitra Club

The Department of Zoology of KKTm Govt. college, Pullut conducted a seminar on the World wetland day on 5, February 2018, at Zoology laboratory, KKTm government College in collaboration with Bhoomitra club, KKTm Govt. College. The programme commenced with a prayer by the students. Mr. Shihabudeen A.S., HoD, Dept. of Zoology and Coordinator of Bhoomitra Club presided over the function. Dr, Anitha I., Principal, KKTm Govt. College inaugurated the programme. Mr. Prasad N.K., Assistant Professor of Zoology, delivered the welcome notes. Dr. Bijoy C., Assistant Professor, Christ College, Irinjalakkuda delivered a talk on "The need for conservation of our wetlands". Dr. Nesy E.A., Vice principal felicitated over the function. A total of 33 students from nearby schools participated along with the students in the college. Mr. Shihabudeen A.S., HoD department of Zoology, extended sincere gratitude to the gathering on behalf of the department of Zoology and Bhoomitra club.

27th & 28th February 2018

Engagement in SASTRAYAN: Promoting Science Popularization

The Department's involvement in the Science Popularizing event, SASTRAYAN, demonstrated its commitment to promoting scientific knowledge and awareness. Through exhibitions, lectures, documentaries, and competitions, the event engaged students, educators, and the public. The Department actively contributed to showcasing the wonders of science and fostering an interest in scientific exploration.

Faculty Development Programmes

Table 2. The faculty attended various FDP Programmes

| Faculty / Staff Development Programmes | Number of faculty benefitted |
|--|---|
| Refresher courses | Nil |
| UGC – Faculty Improvement Programme | Nil |
| HRD programmes | Nil |
| Orientation programmes | Nil |
| Faculty exchange programme | Nil |
| Staff training conducted by the university | Nil |
| Staff training conducted by other institutions | Soumya K.C. attended “Capacity Building for Asst. Professors, Collegiate Education Dept.” Conducted by IMG, Trivandrum. |
| Summer / Winter schools, Workshops, etc. | Nil |
| Others | Nil |

Tutorial programmes

Tutorial programmes are routinely carried out by the department. For these concerned tutors select the needy students from their classes and discuss selected topics and provide study materials including model questions, condensed notes, mnemonics for essay type questions, etc. The programme is usually charted to half an hour following the class hours. Supervised study and peer teaching are also carried out to improve the efficacy of this

programme. All students of the department received the benefit of this programme.

WWS & SSP programmes

Both SSP and WWS programmes are offered for selected students of each batch. Students are selected on both the basis of conditions set by the programme designers and to certain extent on readiness of the learner. During 2017 – 2018, the departmental coordinators for both these programmes were Mr. Prasad N K, Dr. Smitha S.L., and Mrs. Soumya K. C. They engaged the required number of sessions as set by the college level coordinators. External mentoring sessions of centralized nature were carried out by the college coordinators on Saturdays and public holidays. For internal mentoring sessions, sessions on self-introduction, soft skills, mock interviews, public speaking, spoken English, positive gestures and body language, tips for making power point presentations more effective, etc. were chosen and implemented.

Cultural Events

The department is not only dedicated to the study and academic activities but also actively engages in fostering a sense of community and cultural exchange among its members. This was evident through the cultural activities organized by the Association and the department, which included the vibrant Onam celebration on August 30, 2017, and the festive Christmas celebration on December 22, 2017. These events brought together students, faculty, and guests in a spirit of unity and camaraderie, transcending academic boundaries. The Onam celebration showcased the rich cultural heritage of Kerala through traditional dances, music, and sumptuous feasting, capturing the essence of this important festival. Similarly, the Christmas celebration infused the campus with a festive atmosphere, featuring carol singing, decorations, and a joyful exchange of greetings. These cultural activities not only added colour and vibrancy to the academic environment but also emphasized the importance of celebrating diversity and traditions within the campus.



Dept. of Zoology
Study Tour- 2017-2018



National seminar on Para taxonomy





Cultural events-Christmas celebration