

## ACTIVITIES OF ZOOLOGY ASSOCIATION 2023-24

### WORLD ENVIRONMENT DAY CELEBRATION 2023

- Department of Zoology along with Bhoomithrasena and the college union planted saplings in connection with World Environment Day on 6<sup>th</sup> June 2023 at Edavanakadu, Vypin, Ernakulam



### ZOOLOGY ASSOCIATION INAUGURATION

- Dr. Parvathi A, an eminent scientist and Head of the Department of Biotechnology, Cochin University of Science and Technology, Kochi inaugurated the activities of the Zoology Association of the academic year 2023 -2024 on 14<sup>th</sup> August 2023. In her keynote address titled “From sample to sequences: Metagenomic tools shaping the future of marine microbiology,” she elaborated on the state-of-the-art techniques used in research unraveling the mysteries of life in the marine realm.



### NEWSLETTER

- A newsletter titled “Avasavyooham” about the mangroves was released on 2<sup>nd</sup> February 2024 under the editorialship of the faculty editor Dr. Baby Divya and student editor Ms. Nayan Juliya Saji. Students interviewed T. P. Murukesan popularly known as mangrove man, is a fisherman residing in Ernakulam and contributed significantly to the conservation of mangroves. Students have uploaded the video to the YouTube platform.

## GYANOTSAV

- As part of the diamond jubilee exhibition Gyanotsav conducted on 10<sup>th</sup> and 11<sup>th</sup> January 2024, the Department also actively participated with various exhibits like the zoology museum, a rare collection of ants from peninsular India, Biomes of the world, Cosmic calendar, wonderful world of animals, World of snakes, Inside the cell, Women reproductive health.

## ZALS

- Department regularly conducts alumna talks – ZALS (Zoology Alumnae Lecture Series) Opportunities in higher education. This year two of our illustrious alumnae interacted with students. Ms. Emrin George interacted with students on 26<sup>th</sup> September 2023. Ms. Chitrathara M gave a talk on Opportunities in higher education on 20<sup>th</sup> November 2023.



## CAMPUS BIRD COUNT

- Campus Bird Count - St. Xavier's College for Women, Aluva has participated for the past five consecutive years in the citizen science event Campus Bird Count as part global event Great Backyard Bird Count (GBBC). This year also Campus Bird Count conducted on the campus on 16<sup>th</sup> February and 19<sup>th</sup> February 2024. 32 species of birds were reported from our campus this year. Three previously unreported species of birds like the Gray Wagtail which is a migratory bird from the Himalayan region, the Striated heron, and the Brown boobook were the new additions reported from our campus.

## EXPERT TALKS

- International Webinar – Dr. David Turton, School of Biosciences, University of Sheffield delivered a keynote address on Molecular Genetics via Zoom platform on 30<sup>th</sup> June 2023.
- Xavarian Birders Club – The Xavarian Birders Club was inaugurated on the Birth centenary year of Prof. K K Neelakandan popularly known as Induchoodan. The pioneer paved the way for ornithological studies in Kerala. Dr. Dilip K G, former HoD, Department of Sociology, Sree Sankaracharya University of Sanskrit, Kalady, and former student of Prof. K K Neelakandan, inaugurated the Xavarian Birders Club. He delivered Prof. K K Neelakandan's Commemoration lecture on 20<sup>th</sup> December 2023.



**PROF. K K NEELAKANDAN  
COMEMMORATION LECTURE AND  
INAUGURATION OF XAVERIAN  
BIRDER'S CLUB**



SPEAKER

**Dr. Dilip K G**

**20/12/2023**



**10 AM**



**Mother Theresa  
Seminar Hall**



- Department of Zoology jointly organized with other science departments – Women’s Conclave in Science on 5<sup>th</sup> January 2024. Dr. G Hemaparabha, Director, ICAR Sugar Breeding Institute Coimbatore delivered a talk on “Scientific and technological empowerment of women for sustainable agriculture and food production”. Dr. Revathi H, Group Director Electronic Systems Group, Chandrayan Mission delivered an awe-inspiring talk on “Chandrayan 3 mission – an overview”
- World Wetlands Day – World Wetlands Day was observed on 2<sup>nd</sup> February 2024. Dr. Sreedevi N Kutty, Assistant Professor of Zoology, NSS College, Nenmara, Palakad delivered a keynote address titled “Mangroves and people: reconciling nature”. The informative and interactive deliberation centered on the significance of mangroves and the pivotal role played in carbon sequestration and the mitigation of global warming.



- A career guidance Program – FINCHE 2023 (Finding your Niche) class by Mr. Krishnakumar S., Deputy Chief, National Employment Service, CUSAT. He enlightened the student community through a talk titled “Career and Educational Prospects after graduation on 8<sup>th</sup> June 2023.





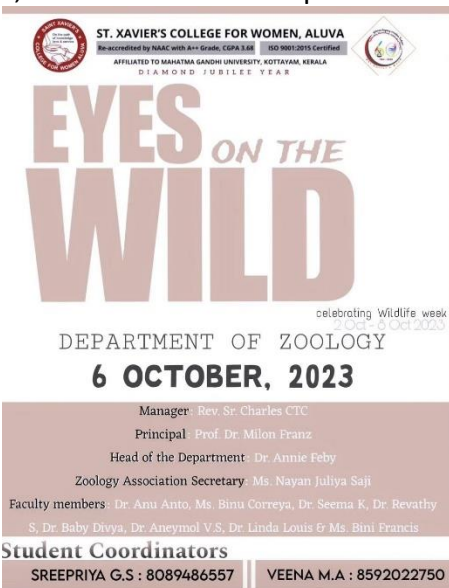
- On March 19, 2024, Dr. M.R. Ramesh Kumar, Retired Chief Scientist from the National Institute of Oceanography, Goa, delivered a talk on "Antarctica – Natural Lab to Study Climate Change", explaining how the unique conditions in Antarctica provide invaluable insights into global climate patterns.



- On March 26, 2024, Dr. Anu Anto, the Innovation Ambassador of the college, delivered an IPR awareness talk for students.

## COMPETITIONS

- Wildlife week – The Department of Zoology organized a wildlife week celebration:” Wild Rhythms” with various inter-departmental competitions like Quiz, Caption writing, spot PowerPoint presentations, and tribal dance competition on 6<sup>th</sup> October 2023.



- The department conducted an intercollegiate quiz competition on Intellectual Property rights in association with the institution's innovation council and IEDC on 26<sup>th</sup> March 2024. Thirty-one students participated. Students of IIC mentee institution participated in this event.

## BRIDGE COURSE

A twenty-hour Bridge Course on Instrumentation and Field Techniques in Zoology was offered for First Year Model I and II students.

## STUDY TOUR

Final Year students of B.Sc. Zoology Model 1 & 2 visited Wayanad, Coorg, and Chikmagalur on 14<sup>th</sup>-17<sup>th</sup> December 2023.



### STUDENT ACHIEVEMENTS

- Megha Maria Lal, Emrin George, and Saniya Joseph secured first, second and third ranks in the B.Sc. Zoology Model 2 examinations 2024 conducted by M.G. University, Kottayam
- Nayan Juliya Saji and Jyolsna Jayachandran of III BSc Zoology Model II secured A grade for the District level LUCA GSK Evolution Quiz organized as part of the Global Science Festival on 30.01.24
- Roniya Antony, Atheetha Sunil, Amritha S, Arya K, Hasna Shamsu, Sajna, - We the People of India- M.G. University Youth Festival 2024- Oppana- A grade
- Sreepriya G S, Archana Dileepkumar, Sivadarshana S- We the People of India- M.G. University Youth Festival 2024- Folk dance Group- A grade
- Atheetha Sunil – I B.Sc. Zoology Model 2- We the People of India- M.G. University Youth Festival 2024- Western Solo- A grade
- Nayan Juliya Saji - III B Sc Zoology model II Created and uploaded video in Youtube about mangrove man , T P Murukesan
- Ms. Nayan Juliya Saji and Akarsha K R Second prize for quiz in Genysys 2K24 conducted by the Department of Zoology, Sacred Heart College, Thevara