



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE

Permanently Affiliated to Thiruvalluvar University
Recognized by UGC under section 2(f) and 12(B) of UGC Act 1956
Accredited with "B" Grade by NAAC
Approved by the Government of Tamil Nadu
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DEPARTMENT OF ZOOLOGY

REPORT 2023-2024

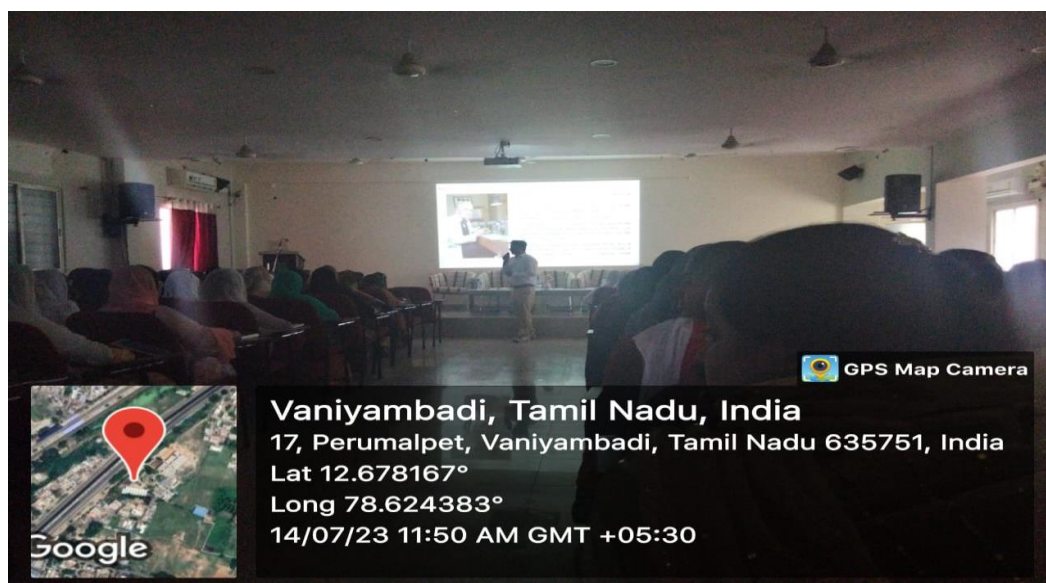
NATIONAL SEMINAR

TOPIC OF THE EVENT: ASSOCIATION INAUGURATION AND NATIONAL SEMINAR

DATE: 14.07.2023

VENUE: SEMINAR HALL

The academic year commenced with the grand inauguration of the Zoology Association, fostering a sense of unity and enthusiasm among students and faculty members. **The Department of Zoology** organized the "Zoology Department Association Inauguration" and **NATIONAL SEMINAR** on the topic "alternative strategies for treatment of infectious diseases in the era of increasing antibiotic resistance" for the I, II & III Year B. Sc Zoology students from 11:00 a.m. to 1:00 p.m. on 14.07.2023 in the college seminar hall. **Dr. S. BHARATHIRAJA. M.Sc., Ph.D.**, Assistant Professor, Department of Biochemistry, School of Biotechnology, University of Jammu, was the **Resource Person**. The session was very informative and useful to the students.



OUTREACH PROGRAM

**TOPIC OF THE EVENT: CREATING AWARENESS ABOUT
HEALTHY WELLBEING AND PERSONAL HYGIENE.**

DATE: 17th October 2023

**VENUE: PANCHAYAT UNION PRIMARY SCHOOL IN
CHICKKANANGKUPPAM**

On 17th October 2023, a group of 65 students from the Department of Zoology undertook an outreach program with the objective of creating awareness about healthy wellbeing and personal hygiene. The visit was titled "Prevention is Better than Cure" and took place at Panchayat Union Primary School in Chickkanangkuppam, Vaniyambadi. During the visit, the students from the Department of Zoology delivered a presentation to the students of Panchayat Union Primary School. The presentation focused on the importance of maintaining good health, practicing personal hygiene, and adopting preventive measures to avoid common illnesses. The students utilized visual aids, interactive discussions, and informative videos to engage the audience and effectively convey the message.



FIELD VISIT

TOPIC OF THE EVENT: Visit to Tilapia Research Center

DATE: 12th March 2024

VENUE: Tilapia Research Center, Pocchampalli, Krishnagiri District

On 12th March 2024, students from the I & II B. SC Zoology classes embarked on a field visit to the Tilapia Research Center located in Pocchampalli, Krishnagiri District. The visit aimed to provide students with practical exposure to Tilapia fish farming and research under the guidance of Dr. Somu, a renowned expert in the field. The field visit to the Tilapia Research Center at Pocchampalli proved to be a valuable learning experience for the I & II B. SC Zoology students. Under the guidance of Dr. Somu, students gained practical exposure to Tilapia fish farming and research, enhancing their understanding of aquaculture practices and the importance of sustainable food production.



CERTIFICATE COURSE

TOPIC OF THE EVENT: CERTIFICATE COURSE: HEALTH AND WELLNESS

DATE: 01.12.2023 to 07.12.2023

VENUE: DEPARTMENT

CLASS ROOM

A 30-hour certificate course titled "Health and Wellness," was conducted for 33 III Year B. Sc Zoology students by the esteemed faculty of the Zoology Department at Islamiah Women's College. The Health and Wellness certificate course was organized by the Zoology Department of Islamiah Women's College from 01.12.23 to 07.12.23 with a total duration of 30 hours. The course aimed to equip students with knowledge and practical skills in maintaining personal health and promoting wellness.

EXHIBITION

TOPIC OF THE EVENT: FAUNA FLASH - 2K24

DATE: March 1, 2024

VENUE: SEMINAR HALL

A highlight of the academic year was the spectacular exhibition "**Fauna Flash - 2K24**," showcasing diverse aspects of zoological sciences. The exhibition, held from February 28 to March 1, 2024, attracted enthusiasts, students, and the general public alike, offering insights into the fascinating world of fauna.



DEPARTMENT OF ZOOLOGY

REPORT 2022-2023

SEMINAR

TOPIC OF THE EVENT: ZOOLOGY: ALL YOU NEED TO KNOW....

ORIGIN OF LIFE, DIVERSITY AND CLIMATE EMERGENCY

DATE: 02.09.2022

VENUE: SEMINAR HALL

The Department of Zoology organized the “Zoology Department Association Inauguration” and presentation on “Zoology: All You Need to Know.... Origin of Life, Diversity and Climate Emergency” for the I, II & III Year B.Sc Zoology students from 11:00 a.m. to 1:00 p.m. on 02.09.2022 in the college seminar hall. **Dr. M. AKILAN, Ph.D.**, Assistant Professor, PG & Research Department Of Zoology, Voorhees College, Vellore was the **Resource Person**. The session was very informative and useful to the students.



SEMINAR

TOPIC OF THE EVENT: SEMINAR

DATE: 23rd January 2023

VENUE: SEMINAR HALL

The Department of Zoology at Islamiah Women's Arts and Science College, Vaniyambadi, organized a seminar on the topic "Current Research Trends in Nanotechnology" on 23rd January 2023. The seminar aimed to provide insights into the latest advancements in nanotechnology and its applications in various fields, particularly in zoological sciences. . 93 students across all years of the B.Sc. Zoology program participated in the programme.

Dr. S. BHARATHIRAJA. M.Sc., Ph.D., Assistant Professor (BIOCHEMISTRY), School of Biotechnology

LABORATORY VISIT

TOPIC OF THE EVENT: VISIT TO BIOTECHNOLOGY LABORATORY

DATE: 29th August, 2022

VENUE: BIOTECHNOLOGY RESEARCH LABORATORY OF ISLAMIAH COLLEGE (AUTONOMOUS)

All the 35 students of II Year B.Sc Zoology visited the Biotechnology Research Laboratory of Islamiah College (Autonomous) on 29th August, 2022. The students were given demonstration and were well trained by Dr .H. Abdul Jaffar Ali, Head of the Department, Dr. M. A Farook, Assistant Professor, Dr .S. U. Mohammed Riyaz, Assistant Professor , Dr. ML. Mohammed Kaleem Arshan ,Assistant Professor, Mr. S. Zakirullam ,Assistant Professor .The students gathered immense knowledge about the different sophisticated equipments, instruments and modern techniques used for Biotechnology Research. Dr. A. Ragamathbee, Assistant Professor, Department of Zoology accompanied the students.



OUTREACH PROGRAMME

TOPIC OF THE EVENT: “HEALTH AND ENVIRONMENT ISSUES”

DATE: On 17 October, 2022.

**VENUE: DEEWAN MOHAMMED MEMORIAL MATRICULATION
HIGHER SECONDARY SCHOOL**

A School Visit was undertaken by II & III YEAR B.Sc Zoology Students to DEEWAN MOHAMMED MEMORIAL MATRICULATION HIGHER SECONDARY SCHOOL on 17 October, 2022. The II & III YEAR B.Sc Zoology Students conducted an AWARENESS PROGRAMME based on “HEALTH AND ENVIRONMENT ISSUES” and gave presentation to VII STD –XII STD students of DEEWAN MOHAMMED MEMORIAL MATRICULATION HIGHER SECONDARY SCHOOL, KETHANDAPATTI.



FIELD VISIT

TOPIC OF THE EVENT: VISIT TO DR.AKBAR KAUSER'S HERBAL GARDEN

DATE: 03.09.2022

VENUE: Dr.AKBAR KAUSER'S HERBAL GARDEN VANIYAMBADI

95 students of the I, II & III Year B.Sc Zoology Department paid a visit to Dr.Akbar Kauser's Herbal Garden on 03.09.2022. In the herbal garden the students got the opportunity to see and learn about the different medicinal plants. They were shown different varieties of medicinal plants and were explained elaborately about the uses of the different medicinal plants



FIELD VISIT

TOPIC OF THE EVENT: VISIT TO CHANDRU'S ORGANIC AND VERMICOMPOSTING FARM

DATE: 19TH NOVEMBER, 2022

VENUE: CHANDRU'S ORGANIC AND VERMICOMPOSTING FARM AT YELAGIRI HILLS

All the 93 students of I, II & III Year B.Sc Zoology visited **Chandru's Organic And Vermicomposting Farm At Yelagiri Hills** on 19th November, 2022. The students were given demonstration and were well trained by the Managing Director of Chandru's Farm. The students gathered immense knowledge about the methods and procedures employed for vermiculture, vermocomposting and marketing. Ms .A. Kalpana, Dr. C. Sandhya, Ms. S. Sowmiya, Assistant Professors, Department of Zoology accompanied the students.



CERTIFICATE COURSE

TOPIC OF THE EVENT: VERMICOMPOSTING FOR SUSTAINABLE AGRICULTURE

DATE: 14.11.2022 to 19.11.2022 VENUE: DEPARTMENT CLASS ROOM

The six-day certificate course titled “Vermicomposting for sustainable Agriculture” was conducted for 172 II Year B. Sc. Zoology, II B.Sc. Biochemistry, II B.Sc. NFSM&D & B.Sc. Chemistry students by the faculty of the Zoology Department at Islamiah Women's College. The certificate course was organized by the Zoology Department of Islamiah Women's College from 14.11.2022 to 19.11.2022 with a total duration of 30 hours. The course aimed to equip students with knowledge and practical skills in Vermicomposting.

INDUSTRIAL VISIT

TOPIC OF THE EVENT: VISIT TO VANITEC, VANIYAMBADI

DATE: 09.02.2023 VENUE: VANITEC PVT. LTD, VANIYAMBADI

65 students of I, II & III Year B.Sc Zoology undertook an industrial visit to **VANITEC PVT. LTD, VANIYAMBADI** on 09.02.2023. The students were given demonstration and were explained about the Reverse Osmosis procedure by the Managing Director. The students gathered immense knowledge about the methods and procedures employed in the process. Dr. C. Sandhya, Ms. S. Sowmiya Assistant Professors, Department of Zoology, accompanied the students.



INDUSTRIAL VISIT

TOPIC OF THE EVENT: VISIT TO KETHANDAPATTI SUGAR MILL

DATE: 25th February,2023

VENUE: Kethandapatti Sugar Mill

A team of Ninety three students and five member faculty from Department of Zoology visited Kethandapatti Sugar Mill on 25th February,2023. Being students of science, this visit helped them to understand various concepts. The purpose of this visit was to enhance the students' knowledge and provide them with a proper understanding of the subject. The students went around the entire mill and were shown the tasks handled there.



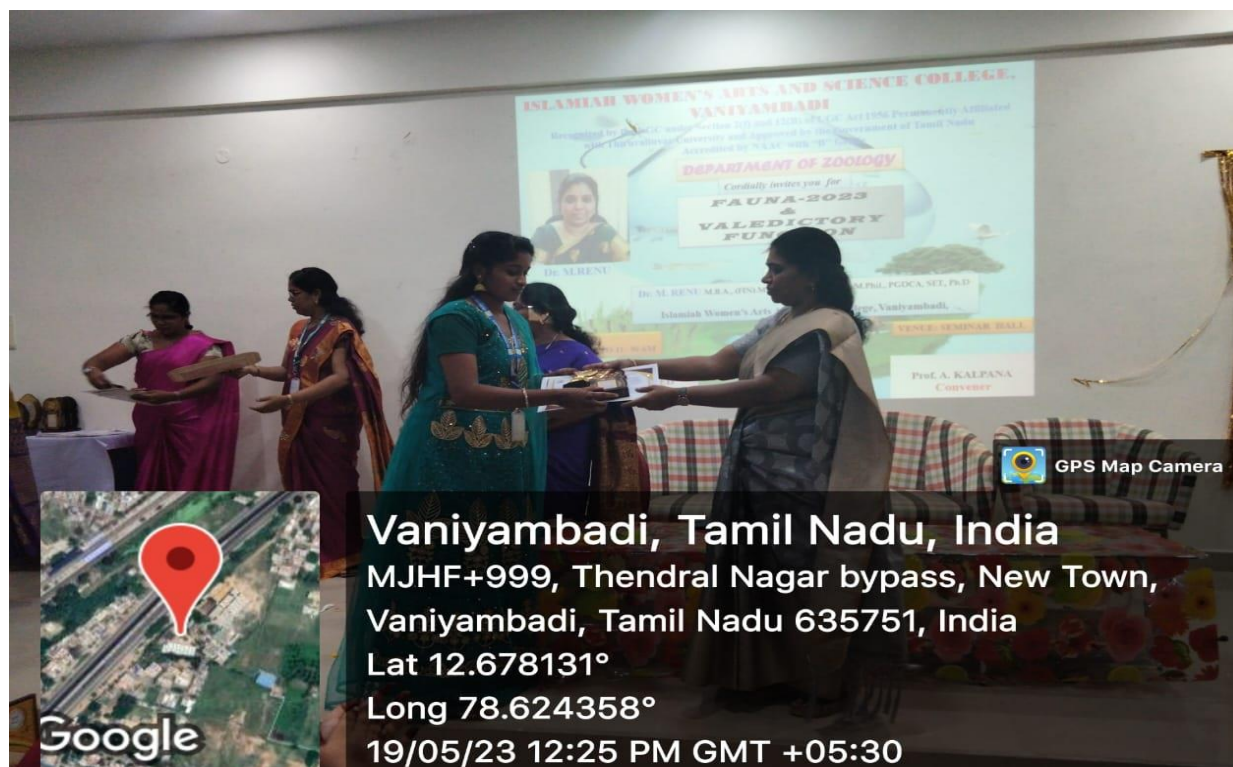
INTRA- DEPARTMENTAL COMPETITIONS

TOPIC OF THE EVENT: FAUNA -2023

DATE: 16th May 2023

VENUE: DEPARTMENT OF ZOOLOGY AT ISLAMIAH WOMENS ARTS & SCIENCE COLLEGE

The Department of Zoology organized intra-departmental competitions for all three-year students of the Zoology Department at our esteemed institution. The competitions, held on 16th May 2023, witnessed active participation from students who showcased their talents and knowledge in various domains of Zoology. The diverse range of activities included Quiz competitions, Just A Minute (JAM), Mehendi, and Rangoli competitions, providing a platform for students to exhibit their skills and creativity.



VALEDICTORY FUNCTION

TOPIC OF THE EVENT: FAUNA- 2023 and VALEDICTORY

FUNCTION DATE: 19th May, 2023

VENUE: SEMINAR HALL

The Department of Zoology organized an intra-departmental program for the UG students from 10:30 am to 11:30 am. Dr. M. Renu, Principal of Islamiah Women's Arts and Science College, Vaniyambadi, served as the Resource Person. The session, led by Dr. M. Renu, was interactive, inspiring, and interesting for the students. During the event, prizes were awarded to students based on their year- round performance and participation in competitions conducted by the department. Competitions like Quiz, JAM, Rangoli, and Mehendi were



conducted for the Zoology department students on May 16, 2023.

EVENT REPORTS (2021-2022)

DEPARTMENT OF ZOOLOGY

SEMINAR

TOPIC OF THE EVENT: HAEMATOLOGY AND RELATED TESTS

DATE: 22ND SEPTEMBER , 2021 AND 24TH SEPTEMBER, 2021

VENUE: ZOOLOGY LABORATORY

The Department of Zoology organized a two-day seminar, for second-year Zoology students. Miss A. Sneha, a second-year Medical Student from Cuddalore Government Medical College, was invited to present on the topic 'Haematology and Related Tests.' She explained the total count of red blood cells and white blood cells to the students. The presentation took place from 10 am to 12 pm on both days. The students enthusiastically participated in the seminar with great interest.

WEBINAR

TOPIC OF THE EVENT: MEDICAL CODING

DATE:12th October, 2021

PLATFORM: MS-TEAMS

The Department of Zoology, along with the Departments of Biochemistry, Nutrition, and Chemistry, organized a webinar. Mrs. A. Regina Elizabeth from Ideal Medical Coding Academy served as the resource person for the program. Second-year students from the Zoology department participated in the webinar, acquiring immense knowledge about Medical Coding.

WEBINAR

TOPIC OF THE EVENT: MOLECULAR TOOLS and TECHNIQUES

DATE: 27thOctober, 2021

PLATFORM: MS-TEAMS

The Department of Zoology, along with the Department of Chemistry, Biochemistry, and Nutrition, organized a webinar. Dr. M. Abareethan, Assistant Professor from Government Arts & Science College, Salem, served as the resource person. Second-year students participated and found the webinar very useful.

INTERNATIONAL CONFERENCES

TOPIC OF THE EVENT: CANCER THERAPY

DATE: 23rdOctober, 2021

PLATFORM: MS-TEAMS

The Departments of Biochemistry, Nutrition, Chemistry, and Zoology organized an International Virtual Conference. Dr. Arvind Deshmukh, Professor and Head of the Department of Microbiology at Dr. Dadasaheb Ambedkar Marathwade University Osmanabad, served as the keynote speaker. Dr. N. Rajesh Kar, an Oncologist from Saveetha Dental College, was the first resource person, and Dr. Kavitha Manivannan, a Genetic Analyst at Tharab Camel Hospital in Qatar, was the second resource person. Second-year students from the Zoology department participated in the conference and gained abundant information about cancer and its various therapies.

INTERNATIONAL VIRTUAL CONFERENCE

TOPIC OF THE EVENT: RESEARCH TOOLS AND TECHNIQUES

DATE: 29th December, 2021

PLATFORM: MS-TEAMS

The Departments of Biochemistry, Nutrition, Chemistry, and Zoology organized an International Virtual Conference. Dr. Hajee Zahera Jabeen, Senior Scientist at Exxon Mobil Research and Engineering in New Jersey, USA, served as the resource person. Both first and second-year students from the Zoology department participated in the conference. The students were highly motivated, and the program proved to be very fruitful.

DEPARTMENT OF ZOOLOGY

EVENT REPORTS (2020-2021)

FACULTY DEVELOPMENT PROGRAMME

TOPIC OF THE EVENT: HOW TO PREPARE PROPOSALS FOR RESEARCH PROJECTS MAJOR AND MINOR

DATE: 02 FEBRUARY, 2021

VENUE: SEMINAR HALL

The Department of Zoology has organized an FDP in association with IQAC. Dr.Sait SahulHameed, Co-chairman, Department of Biotechnology, Newdelhi, Government of India was the resource person. Teaching faculty of our college, and faculty of in and around colleges like Islamiah College (Autonomous), Vaniyambadi, Mazharul-uloom College, Ambur and K.M.G College of Arts and Science, Gudiyattam participated and gained knowledge. Certificates were distributed to the faculty at the end of the session.

INDUSTRIAL VISIT

DATE: 18 FEBRUARY, 2021

Department of Zoology has taken the students of I B.Sc. Zoology for Industrial Visit to Zero Liquid Discharge Common Effluent Treatment Plant, Valayampet, Vaniyambadi. During the visit the students showed keen interest in understanding the treatment process and the operation of the CETP.

