DEPARTMENT OF ZOOLOGY

GOVT.ARTS AND SCIENCE COLLEGE ELANTHOOR

REPORT ON THE ACADEMIC YEAR 2019-2020

Department organized a multitude of activities that mainly stressed developing a positive attitude towards studies and helping the students to get acquainted with the latest developments in science and technology. Students being the stakeholders were given considerable participation right from the planning stage of these programmes. Main events organized and occurred in the department are given below:

**World Environment Day celebration - 5 June 2020**

 Dr. R Rjashree, Principal our college inaugurated the programme by planting a sapling in our campus. She gave a speech on the importance of protecting our environment. Ms. Hayarnnisa M., HoD, Dept. of Zoology has presided over the function. Nature club, Bhoomithrasena and Forestry club collaboratively organised the programme. Saplings were distributed to the students as the part of the programme.

**Induction Programme for first year students on 24.06.2019**

Prior to the commencement of classes, first-year students are given an induction class on the relevance and scope of the subject. The class was handled by HoD, Department of Zoology. The students were also informed by the changes which are incorporated by the University in their Curriculum.

**Initiated the work for Butterfly garden creation on 18.07.2019**

Department of Zoology in association with nature club initiated the work for creating butterfly garden by planting host plants of butterflies.

**Distribution of Vegetable Seed 0n 26.07.2019**

Distributed 500 packets of seeds to students, teaching staff, non-teaching staff of this college and nearby houses. These vegetable seed packets were provided by Krishibhavan, Elanthoor. Nature club and Bhoomithrasena collaboratively organised the programme

**Onam celebration on 04.09.2019**

Our college has conducted Onam celebration in simple and traditional manner.  The students of the Department of Zoology actively participated in traditional cultural programmes such as Thiruvathira, Nadan pattu,Vadam vali etc., Some traditional items which were performed marvelously. The most interesting floral carpet competition was took place in an effective way

**World health day celebration on 10.10.2019**

The Department of Zoology and Jeevani jointly celebrated the World health day. Theme of the programme was **Suicide Prevention**. The programme was organized by Ms. Hayarnnisa M, HoD, Dept. of Zoology. Dr.R Rajashree, Principal of our college inaugurated the programme by marking positive thoughts on Common canvas. All students and teachers participated in Common canvas campaigning against suicide. A talk on Suicide Prevention given by Dr. Manju A,Associate Professor in Psychology CPAS CTE, Elanthoor. Poster making competition on the topic Suicide Prevention conducted for students.

**Field visits and study tours form an integral part of the B.Sc. Zoology Curriculum from 30.11.2019 to 5.12.2019**

 A study tour of Five days duration was being organized for Final year B.Sc. Core students to various places of Zoological /ecological significance in Mysore National Zoological park ,Chamundi hills part of Western Ghats mountain range, Coorg(Kodagu) ,Caurey river system and Wayanad. The participants were highly benefitted from deriving the first-hand experience and observing many wild animals in their natural habitats at Sri chamara jendra zoological Gardens. Students visited Coorg (Kodagu), the Western Ghats of South western Karnataka, where they observed Bamboo forest, Harangi reservoir and Golden temple.

**Organic Farming on 19.01.2020**

Department of Zoology in association with Bhoomithrasena started organic farming in the campus. Programme was inaugurated by our principal Dr .R Rjashree by planting vegetable seedlings in grow bag. Planted different vegetable seedlings in 20 grow bags. As a part of this, vegetables like ladies finger, tomato, cow pea, etc. were cultivated in the campus. Club members actively involved in the cultivation programme with plot cleaning, preparation of potting mixtures, timely irrigation, plant protection measures, etc.

**Drug abuse Awareness Programme on 10.02.2020**

An awareness programme on Drug abuse was conducted by the Department of Zoology in Association with Jeevani and Anti-Drug for college students. The programme was inaugurated by Dr .R Rjashree, Principal, Govt. Arts and Science College, Elanthoor. Ms.Hayarnnisa M., HoD, Dept. of Zoology has presided over the function. Mr. Aji S, Drug inspector, Pathanamthitta was delivered a talk on ’Drug Abuse among Young Adulthood’.

**Awareness on corona virus out break on 10.02 2020**

College students, by nature of the fact that they spend a large portion of their time in close quarters with large groups of people (dorms, classrooms, sporting events, libraries, parties, etc.) can be at a higher risk of transmitting contagious illnesses to each other compared to the general public. In this situation Department of Zoology conducted awareness programme on corona virus out- break.The awareness classes were handled by Dr. JishasaraJhon Clinical pharmacists, BCMH, Thiruvalla and Dr. Sheeba Mathew Clinical pharmacists, BCMH, Thiruvalla.

The department of Zoology prepared hand sanitizer at the time of examination in lab.

**Internal Examinations**

Being an integral part of the evaluation of CBCS, the department conducted centralized internal examinations, ensuring enough coverage of the content, time, number of questions, and maximum marks as set by the University. Internal marks are distributed to the learners as per their performance.

**Field visits**

To extend the study beyond the classrooms, students of 3rd year B.Sc. visited some zoologically important places on different days in the academic year; including

* Trekking through the Konni forest range near Adavi to study the different forest ecosystem
* Visited konni Elephant cage to study the merits and demerits of Ecotourism
* Visited ESSJE aquaculture farm in elanthoor to study practices involved in aquaculture, live stock management etc.,
* Visited Rajan apiculture farm in Vadasserikkara to study the different procedures in apiculture

**Charitable activities**

Faculty and students of the department cooperated in helping the flood-affected students.

**Blood group survey**

The Department conducted a survey on the blood group of the students of the college in each year. The teachers of the department trained the students in method of blood group detection. It is conducted in Zoology lab by the students of final year.

**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.

**Orientation classes**

Final year degree students are given orientation on different courses they can opt for higher studies at different universities and higher education centers in India and abroad. Teachers of this department are engaged various sessions 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 .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.

**Class PTA meetings**

 A regular rapport is maintained with the parents through PTA meetings. Meetings were convened once in every semester, generally after internal examinations. Parents were given formal invitation and were insisted to attend the same without fail. Both academic matters and others related to general discipline and improvement of the students were discussed in detail and suggestions from parents were also sought. They expressed their solidarity with the department in dealing with result and problems related indiscipline. Parents of first year students were given an over view of internal assessment strategies and attendance constraints for appearing in University examinations.PTA what’s up group created for each year in order to update the student’s academic and extra-curricular activities.

**Students mentoring system** available in the department

* Tutorial classes
* Remedial teaching for week students
* Academic and personal counselling by staff members and Jeevani Psychologist
* WWS internal mentoring classes
* SSP for supporting the students

**Internal Evaluation (CIE) system** at the department level

* Strict attendance monitoring
* 2 0r 3 Class tests/each semester/subject teacher
* Seminar
* Assignments
* Continuous and comprehensive assessment by class tutors on their behaviour, aptitude, attitude etc.,
* Monitoring on practical skill
* Discipline
* Conduct of general scheduled internal exams for students

**New initiatives**

As there is no provision of department library, we propose to make e-books in various fields of life sciences available to our students for reference and further reading. Students were also familiarized with online learning platforms, virtual labs, and open access journals and study materials related to life sciences.

**Participation of Faculties in Seminars/workshops and training programme**

Faculty of this department took part in various programmes to enrich themselves and to get exposed to the latest developments in the field. The summary is given below:

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No | Name of the faculty | Title of the programme | Details |
| 1 | Hayarnnisa M | Master Mentor Training Programme of Walk with Scholar | Govt.College for Women, Thiruvananthapuram on 30.08.2019 |
|  |  | Training programme for website updation and integration  | Govt.College for Women, Thiruvananthapuram on 23.11.2019 |
| Interactive session for jeevani Co-ordinators | Govt.College for Women, Thiruvananthapuram on 2611.2019 |
| Two day National seminar and hads-on training on e-learning.The role of Modle as an LMS | At BJM Government College, Chavaraon30/01/2020&31/01/2020 |

**Faculty profile**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl no** | **Name and designation** | **Phone&****Email id** | **Qualifications** | **Address** | **Date of joining****In this college** | **Year of service** |
| 1 | Hayarnnisa MHead of the DepartmentAssistant professor | 9947485013hnizamaheen@gmail.com | MSc, UGC-NETB Ed, SET, MPhil | Elampadathil HousePazhakulam P.OPazhakulam-691554AdoorPathanamthitta | August 2017 | 9 yearrs & 8months |
| 2 | MERLIN S.MGuest lecturer | 9946697103merlinmerry1995@gmail.com | MSc, UGC-NET | Madathil Mannil veedu, chozhiyacodu p.o,kulathupuzha kollam | June 2019 | 1 year |
| 3 | NEENA RAVIGuest lecturer | 9496450301iamneenaravi@gmail.com | MSc, UGC-NET | KUHIPURAYIDATHIL HOUSE MANGARAM KONNI PO PATHANAMTHITTA KERALA PIN - 689691 | August 2019 | 2 year |

**Details of students**

1. **Students enrolled in the year2019-20**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Number of students enrolled** | **Male** | **Female** |
| First year | 19 | 8 | 11 |
| Second year | 23 | 6 | 17 |
| Third year | 19 | 5 | 14 |
| Total  | 61 | 19 | 42 |

**2.Achievements of students**

* Shakkeeb M C (Third BSc Zoology student) won third place in MG university intercollegiate Taekwondo championship2019-20.
* Navaneeth S Kumar (Third BSc Zoology student) won First Prize at Intercollegiate Level Elocution contest conducted by Circle Co-operative union,Kozhenchery
* First year and Second year students of BSc Zoology participated in MG university intercollegiate cricket and Football Championship 2019-20
* Navaneeth S Kumar(IIIBSc), SubinS(IIIBSc) , Sneha(IIIBSc) ,Gouri Shankari(IIBSc) participated in the Nadakotsavam on January 21 and bagged B Grade.

 Head of the Departmentt