

JMJ COLLEGE FOR WOMEN(AUTONOMOUS),TENALI
DEPARTMENT OF ZOOLOGY
DEPARTMENTAL ACTIVITIES FOR THE YEAR 2015-16

I) NEWS ROUND UP PROGRAMME:

Objective: “Each time we read, a seed is sown for the future”

The members of the education club were divided into seven groups to collect the material related to zoology from different news papers and journals and to display in the department notice board daily. This programmed improves the reading habit in a systematic way and also to collect and to interpret the current knowledge with the previous knowledge .

Out come: This programme improves the reading habit in a systematic way and also to collect and to gain current knowledge. Students are able to interpret the current knowledge with the previous knowledge.

2)STUDY TOUR

Objective:

To understand the making and repair of fish gear

To observe the processing and preservation of fishes & shrimps

30 III B.Sc CBZ students visited Nizampatnam on 4/7/15 at 7.00pm under guidance of Mrs.M.Adilakshmi and Mrs.M.Aruna . There, students observed processing and preservation of fishes,prawns and squids. They gained the knowledge about the preparation of nets, various types of boats. They have seen mangroove forest, Beach, different types of crabs and collection of shells. They recognized the value of fishery industry and socio-economic status of fisher men.

Out come: They gained the knowledge of rearing and management of shrimp culture, fishing gear and craft and various methods of fish preservation. The tour helped the students to gain the practical experience.



3) ESSAY WRITING COMPETITION:

Objectives :

- To develop writing skills
- To be aware of economic importance of mammals
- To inculcate competitive spirit among the students

Department of Zoology conducted Essay writing competition on “ Economic Importance of Mammals” for Degree students on 7th July 2015 at 3.30pm in the Zoology Lab III. Duration is 50 minutes. 10 students were participated in this competition. Mrs.M.Adalakshmi,HOD and Mrs.M.Aruna, Lecturer acted as judges to correct the papers and finalized the prize winners.

Out come: Through this essay writing competition, students referred, collected and presented the concerned topic matter which paved the way to enhance writing skills, time management and competitive spirit.



4) AWARENESS ON THE PREPARATION OF BANK EXAMS

Objective:

To utilize the cheaper resources of knowledge available in the library to get success in competitive exams to secure job.

Ms.P.Vineela Elen, PO of Andhra bank, Mahadev patnam, West Godawari Dt. Enlightened the students of III B.Sc CBZ regarding the role of competitive exams news given in daily news papers in preparation to Bank exams without much expenditure.

Out come: Students came to know the importance of the news papers in the preparation of competitive exams to secure job.

5) CAREER GUIDANCE IN LIFE SCIENCES

Objectives :

To be aware of PG entrance pattern , job opportunities and research facilities in life sciences.

We arranged an awareness programme on career guidance in life sciences for III B.Sc CBZ students on 3rd August 2015 at 9.30 am. Mr.D.S.D.Suman Joshi Research scholar, Dept of Biotechnology, ANU was the resource person. He gave detailed information about the PG common entrance for seven life sciences Ranking, selection and counseling system, NET, SLET, Funding agencies for Research in life sciences like CSIR(JRF & SRF), Rajiv Gandhi fellowships, Dept. of Biotechnology, Medical science etc. and Job opportunities in life sciences.

Out come: Students got awareness regarding Examination pattern, Ranking and selection under PG SET. They gained the information of research opportunities and Job opportunities in various sectors.



6) FIELD TRIP TO FISH POND:

Objective:

To observe the process of induced breeding in major carps

To know the importance self employment in fisheries

30 III B.Sc CBZ students visited fish breeding center at Kuchipudi and Pedaravuru on 04/08/15 at 1.00pm under guidance of Mrs.M.Adilakshmi and Mrs.M.Aruna .Students observed the process of Induced Breeding in Catla and Labeo, Chinese hatchery ,breeding hapa,breeding tank, spawn and fish fry.They came to know the importance of self employment.

Out come: The field trip helped the students to have practical experience. Whatever they learned in the class room, they observed it in the field itself. It also encourages the students to realize the importance of self-employment.



7) ENDOWMENT LECTURE

Objective:

To be aware of earth sciences

An Endowment Lecture was arranged in loving memory of Mrs.K.Emma Mary, Late Former Lecturer in zoology on "EARTH SCIENCES" 13/08/15 11.00.am. Mr.P.C.Swaroop. Associate professor, Department of Geology, SIR C.R.Reddy college, Eluru invited as resource person. He gave a detailed information about Origin and topography of earth, earth quakes, tsunami and importance of fossils.

Out come: He quote the achievements of eminent scientists and noble laureates to inspire the students to do research work.



8) SCIENCE FAIR EXHIBITION AT VSR&NVR COLLEGE, TENALI

Objective:

To observe and understand the working of different models in Physical and Biological sciences

Under INSPIRE programme, Guntur District High Schools organized “Science Fair Exhibition” at VSR &NVR College,Tenali from 22nd to 24th August 2015.Mrs.M.Adilakshmi,HOD and Mrs.M.Aruna Lecturer took III B.Sc CBZ &II Inter Bi.PC A/S &B/S students to visit that exhibition on 22nd August 2015 at 1.30 pm. Our students observed the different working models of solar energy production, Rain water harvesting, Drip irrigation, Working of human heart, and blood circulation, Food adulteration, Sources of vitamins, Transpiration, Water purification, Waste water treatment, Types of pulses, cereals and spices, medicinal value of medicinal plants, Robot model, Power conservation models, Biogas production, weed removal machine, Crude oil silt purification, Human teeth models, Working model of crane and proclainer , Roof gardens etc.

Out come : They gained practical knowledge and understood the mechanism of working models. They enjoyed a lot. It was a marvelous exhibition.



9) CELEBRATION OF NON-TEACHING STAFF DAY

Department of Zoology celebrated NON-TEACHING STAFF DAY on 07/09/15 at 3.30pm in the old Auditorium. In this connection , Department of Zoology conducted Houseie and Last One In The Circle games for Non-Teaching Staff on 2/9/15. Prizes were distributed to Prize winners on this day by our Correspondent Rev.Sr.Stella Maris.

Out come: Management felicitated Non- Teaching Staff who rendered 25 years of their service.



10) USAGE OF SMART BOARD

Objective: To be aware of usage of SMART board as teaching aid (ICT)

Mr.Poorna Chandra Rao ,Department of Computer Sciences, Dr. KRRM Degree College,Duggirala was the resource person. He demonstrated and trained the staff and Students on usage of SMART board as teaching aid in the class room. He explained i.e. how to take and save the file and folder , how to interoperate relevant inter net subject matter into the SMART board etc.

Out come: Staff gained the knowledge about the usage of SMART board



11) REGIONAL LEVEL STUDENT SEMINAR & INTERCOLLEGIATE COMPETITION:

Objective:

To know the benefits and applications of Green, White, Blue and Red Biotechnology in human welfare.

To enhance the self confidence and competitive spirit.

To inculcate the habit of browsing, internet to collect the information of concerned topic for paper presentation

To motivate the students to prepare PPT for their presentation.

Department of Zoology organized Regional Level Student Seminar on “**Applications of Biotechnology For Human Welfare**” and Intercollegiate paper presentation competition on 22/09/15 at 2.00pm. Dr. S.Krupanidhi, Prof & Head, Dept. of Biotechnology, Vignan University, Vadlamudi delivered a lecture on “Stem cells and Immune cells in Diagnosis”.The students of 12 different colleges have participated, 24 students presented papers. Prizes were distributed to the Prize winners by the Principal, Rev.Sr. Shiny KP.

Out come:

Students learned to organize seminars and host participants. Co-operation and team work spirit, self-confidence, competitive nature were enhanced in the students. They gained and shared the knowledge about Applications of Biotechnology For Human Welfare.



12) The Faculty of Zoology Department donated money, sarees, bed sheets and bath soaps to The Little Sisters of Poor who maintained old age home at Nambur on 15.9.15



STAFF PARTICIPATION AND PUBLICATION IN SEMINARS

- ❖ **Mrs.M.Adilakshmi ,Mrs.M.Aruna andMrs.Ch.Sarojini** Department of zoology attended two day NAAC sponsored **National Seminar on “ Academic and Administrative Audit”** from **12/8/15** to **13/8/15** organized by IQAC, JMJ College for women,Tenali. **Mrs.M.Adilakshmi** and **Mrs.M.Aruna** presented papers on “ **Funding Agencies in India for research in science and technology and Achieving effectiveness in teaching learning**”. **Mrs.Ch.Sarojini** presented a paper on “**Revolutionary potentials of ICT in improving the quality of Education.**”
- ❖ **Mrs.M.Adilakshmi ,Mrs.M.Aruna andMrs.Ch.Sarojini** Department of zoology attended two day **National Seminar on “ Emerging trends in Aquatic Biodiversity”** held at **SVRM College,Nagaram** from **26/8/15** to **27/8/15**. **Mrs.M.Adilakshmi** and **Mrs.M.Aruna** presented papers on “**Management and conservation of Aquatic**

Biodiversity and Threats to Aquatic Biodiversity”. Mrs.Ch.Sarojini presented a paper on “Aquatic Biodiversity and the constraints in its conservation.”

- ❖ **Mrs.M.Adilakshmi ,Mrs.M.Aruna** Department of zoology attended one day workshop on “Standardizing question paper setting under CBCS pattern under guidance of AP State Higher Education Department and RUSA, held at ANR College,Gudivada on 27/8/15. Mrs.M.Adilakshmi and Mrs.M.Aruna presented I B.Sc Question Bank of I& II Semesters.
- ❖ **Mrs.M.Adilakshmi ,Mrs.M.Aruna** Department of zoology attended one day National seminar on “Soft skills for survival and success in career and life” at VSR & NVR College, TENALI on 30/09/15. Mrs.M.Adilakshmi and Mrs.M.Aruna presented papers on “Soft skills for successful career” and “Importance of soft skills in Education”.

STAFF AS RESOURCE PERSON

- ❖ **Mrs.Ch.Sarojini** Department of zoology delivered a Guest lecture on “Nursery pond Management” to BSc.CBZ students of VSR & NVR College, TENALI on 29/09/15.

