

DEPARTMENT OF ZOOLOGY

Project Work / Internship

LIST OF RESEARCH PROJECTS – MINOR & MAJOR RESEARCH PROJECTS

Major Research Projects:

- **Drinking water quality and seasonal variations in Government Schools in Eluru.**
- Funded by RUSA
- Rs. 4,50,000 /-
- Period of Study: July 2019-Dec. 2019

-Principal Investigator : Dr.K.S.V.K.S. Madhavi Rani

-Co-Investigator : Dr.R.Indira

-Field Assistants : Mrs.N.Lakshmi Prasanna

Mrs. N.Nirmala

Mrs. Sk.MasaratJaha Begam

Staff Minor Research Projects:

1. **Effect of Immunostimulant, Immunex DS and Disease Resistance of *Labeorohita* infected with *Aeromonas liquifaciens*.**

-Funding Agency: RUSA

-Rs. 65,000

-Period of Study: July 2019-Dec. 2019

Dr.R.Indira

2. **Live stock farming for managing towards sustainability in west godavaridistrict.A.p.**

-Funding Agency: RUSA

-Rs. 65,000

-Period of Study: July 2019-Dec. 2019

- Mrs.N.Lakshmiprasanna

Student Minor Research Projects:

- 1.**Effect of ciprofloxacin (antibiotic) on the oxygen uptake & metabolic rate of *Labeorohita*, the Indian major carp.**

-Funding Agency: RUSA

-Period of Study: July 2019-Dec. 2019

-Rs. 10,000

1. P.S.Sai Keerthi- 171808
2. k.Kalyani-171809
3. J.Meghana- 171810
4. T.Harsha Priya-171811
5. G.Greeshma-171812
6. S.Swetha- 171813
7. M..Navya Sri-171814

2. A study on the total proteins and total carbohydrates in tissues of different Animals.

-Funding Agency: RUSA

-Rs. 10,000

1. T.Prasanthi- 171768
2. D.Sravanthi-171769
3. J.Manju-171771
4. K.Rajia-171772
5. P.Priyanka-171773
6. J.Prasanthi-171774
7. G.Prathyusha-171775

INTERNSHIPS

- 10-2-2020 to 15-2-2020-I B.voc CALT students attended one week training programme at Eco Aqua lab Eluru.



6. PRACTICALS:

Training for 6 days on Virtual Lab on Bio lab Training on Dissections, Genetics, Physiology to the final year students.



II. CO-CURRICULAR ACTIVITIES:

1.Club Activity:

National Deworming Day On 19-8-2019

- The National Deworming Day was observed on 19th August,2019 by the students and faculty of Department of Zoology,headed by Dr.R.Indira
- 110 students from III B.Sc.BZC&ZNC were benefitted by the programme.Ms.T.Sri Kavya gave an introduction about the importance of observation of the day.
- Ms.A.Christiana created awareness to the students through Power Point Presentation.



3. FIELD TRIPS:

- 21-9-2019- I BVoc. students were taken to the field trip to Andhra Pradesh fisheries department. In charge member explained various points regarding Ammonia, nitrate, dissolved oxygen, salinity, conductivity and various hatcheries.



EXCURSIONS:

On 7th to 11th January, Dr.R.Indira&Dr.K.SV.K.S.Madhavi Rani and Ms.Suvartha, III BZC visited Malasia.

The Staff and student Exchange programme from 7th to 11th Jan 2020 for research support was aimed at sharing knowledge and experiences, facilitating understanding and building trust among partners.



4. ACADEMIC COMPETITIONS

- **Academia 2019**

On July 23rd, academia competition conducted for all degree students on PPT presentation on the topic “Animal welfare”.

Prize winners: I prize: P. Leela Harini –IIBSc.ZNC

II prize: M. Sushmitha-II BSc.ZNC



19-9-2019: Department conducted essay writing competition for degree students under shri Ram chandra mission Heartfulness Essay event on the topic “All love is for expansion All selfishness is for contraction.

- **Elocution competition:**

20-9-2019: Department conducted elocution competition for degree students on the eve of “The 55th A.D.SHORFF MEMORIAL ELOCUTION COMPETITION FOR COLLEGE STUDENTS OUTSIDE MUMBAI 2019-2020”.



20-9-2019-Mrs.Nirmala taken Degree students to Elocution competition conducted by ICAR-INDIAN INSTUTE OF IOL PAM RESEARCH, PEDAVEGI.



- **Elocution competition:**

20-9-2019: Department conducted elocution competition for degree students on the eve of “The 55th A.D.SHORFF MEMORIAL ELOCUTION COMPETITION FOR COLLEGE STUDENTS OUTSIDE MUMBAI 2019-2020”.

The winners are:

I Prize:	B.L.Rupa Kalyani
II Prize:	P.Roopika
III Prize:	s.prathima
Iv prize	M.lalithasree
V.prize	M.Mahitha

- **World Tourism Day: 27-9-2019**

On the eve of World Tourism Day Celebrations, Govt. of Andhra Pradesh conducted Elocution, Essay Writing and Poster painting competitions. Our students from all ug groups participated and won prizes and received momemtoes and certificates from Joint Collector Sri Tej Bharat and MLC Rama Surya Rao Garu on 27thsep. 2019.

	Elocution	Essay Writing	Painting
I Prize:	M.LALITHA SREE-III BCOM	S.DEEVANA-II BZC	G.GREESHMA- IIIZNC
II Prize:	N.VANAJA LAKSHMI- I BCOM	B.RENUKA SAI-IIBZC	J.MEGHANA-IIIZNC
III Prize:	P.ROOPIKA-IIIBA HEP	A.CHRISTIANA-IIIZNC	M.SUMITRA,I BZC



- On 2-11-2019-, Andhra bank conducted elocution and Essay writing competition on III Effects of Corruption, significance and importance of Integrity to all Degree students.

Essay Writing Prize winners:

I prize: Sd.Ayesha,IIBcom.Computer

II prize: Ch.Anjana II Bsc.MBN

III prize: G. Padmaja-IIBsc.Home.sc



Elocution Prize winners:

Ist prize: V.L.Sowmya III BBA

IInd prize: S.PrathimaIIBcom.Comp

IIIInd prize: S.Rupika III BA HEP .E.M.

- **2-11-2019-** Ms.MasaratJahaBegam.Sk, Ms. D. Hima Bindu taken the students to LIC Vigilance awareness week conducted elocution competition for degree students on the topic “Integrity a way of life”.

Prize winners:

First prize: M.Lalithasree-III B.com.Gen.

Third prize:S.Prathima-III B.com.Comp.



5. Community Extension Programmes:

III BZC cluster students conducted community extension programmes in their respective villages like Ankannaguem, Koppaka, Koppagudem, Katelampudi, Sanivarapupet, Kattasubbrao thota, Vijayarai, Duggirala, B.Singavaram, Bhogapuram, Kamavarapukota,Denduluru, Ponangi,



6. Health camp: Anaemia Eradication Programme

- **July 10th and 11th** - Mega health camp was organized in association with ASRAM Medical college. 10 Doctors and 10 technicians have conducted the camp.
- 1200 students from III and II years were screened in various departments like General medicine, Dental, ENT, Eye, Dermatology, Ortho, ECG and all haematological tests.
- Severely ill health and Anaemic students were identified and referred them to ASRAM Medical college. 121 students were identified with low Hb level from II, III Degree and Final PG students.



7. HEALTH SCREENING

- 26-11-2019- Health camp was organized in association with MEDALL -SASH Health screening. 3 technicians have conducted the camp.
- Teaching and Non Teaching staff and outers were screened in 57 tests.





8. WARD EXTENSIONS:

- 5-12-2019- III ZNC students presented Extension program me on the topic “CAN ANIMALS COMMUNICATE? THE LINGUISTICS BEHIND ANIMAL LANGUAGE” under the guidance of Dr.K.S.V.K.S. Madhavi Rani. Students depicted the subject with different examples, videos, dance and also gave a message to all the audience.



III. EXTRA CURRICULAR

1.CULTURAL COMPETITIONS:

- **6-12-2019**-Mrs. Ume Salma, HOD, Department of Hindi & Telugu, Mrs.Nazma, Dr.R.Indira , Ms.Masaratjaha Begam taken students to Zonal Level Youth festival competitions organized by Sir.C.R.R.College,Eluru.
- I prize in 6 events and II prize in one event



- **20-12-2019**- Dr.R.Indira , Ms.MasaratjahaBegam.Sk. taken students to EDU-POWWOW 2019 competitions organized by Dr.CSN Degree and P.G.College,Bhimavaram.

Prizes-

Folk dance Lambadi got I Prize.

D.Menaal -II MBN got III prize in Paper presentation.



- **21-12-2019**-Mrs.N.Lakshmiprasanna, Ms.D.Hima Bindu taken students to Chemp's-2019 competitions organized by Aditya Degree college,Eluru.

Prizes:

G.Priyanka-I B.Com Comp. got I prize In Singing.

B.S.Vindhya Sri –II MSCS. got II Prize in poster presentation.



- **2-1-2020-** Ms.MasaratjahaBegam.Sk. Taken 6 students to District level youth festival competitions organized by RamaChandra college of Engineering.



Jalashakthi programe

Ch.S.D.St.Theresa's Autonomus College for Women

8-9-20119:

Inspired by the Hon'ble Prime Minister's impetus on Jal Sanchay, the Jal Shakti Abhiyan (JSA) is a time-bound, mission-mode water conservation campaign. The JSA will run in two Phases: Phase 1 from 1st July to 15th September 2019 for all States and Union Territories; and Phase 2 from 1st October to 30th November 2019 for States. The JSA aims at making water conservation a Jan Andolan through asset creation and extensive communication.

On 8-9-20119, The Department of Zoology, Ch.S.D.St.Theresa's Autonomus College for Women began this programme. Our Principal Rev.Dr.Sr.Mariatta D' Mello, Dr.R.Indira, Head of the Department of Zoology and Co-ordinator of stc Ecoclub and all the Department members and students of III BZC, ZNC participated in (water harvesting) Jalashakthi programe in the college campus. The Eco club students also gave awareness on sunken pits construction to their villagers. II year BZC and ZNC students have taken study projects on "A study on Water harvesting techniques in West Godavari District".





3. PLANTATION PROGRAMME

- **9-7-2019-VanamManamprogramme.**
- Eco club staff members and student members participated and organized vanammanam by plantation of 20 saplings in the campus.



Eco club activities:

- In Eco club, 50 students are registered.
- July-16th- eco club students of II years are doing their Eco club activities includes watering the plants and cleaning our college campus.



PATENTS:

Dr.R.INDIRA&Dr.K.S.V.KS.MADHAVI RANI published patent in the field of Biotechnology in September, 2020

Field of Invention: Biotechnology

Title of Invention:A NOVEL PHENOTYPIC ANTIMICROBIAL RESISTANCE TESTING USING COST EFFECTIVE INTEGRATED BIOCHIP