

Ch. S.D. St. Theresa's Autonomous College for Women, Eluru

DEPARTMENT OF ZOOLOGY

Annual Report, 2018-19



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- The college reopened on 4th June 2018.
- The college activities started with Sr. Principal's meeting on 4th June 2018 to the staff.
- 6-6-18-Reopening for students, regular classes for II & III year Students were started. Head of the department Dr. R. Indira distributed the **work load** to the departmental members.

Paper I-- I B.sc -Dr. K. Madhavi Rani & N.L. Prasanna,sk.Masarat jaha began

Paper III-- II B.sc - Dr. R. Indira & Mrs.N.Nirmala

Paper V, III B.sc - Dr. R. Indira & Dr. K. Madhavi Rani

Paper VI, III B.sc - Dr. R. Indira, Dr.K.Madhavi rani & Mrs.N.L. Prasanna

Results:

The semester end results for I, III, and V semesters- March-2018

III BSC VII - paper –100%
VIII A1 paper-100%
VIII A2 paper- 100%
VIII A3 paper- 100%

II Bsc IV paper- 100%

IBsc Ipaper-92.52%

IBvoc IV Paper-100%
V paper-100%
VI paper-100%

The Semester End Result for I, III, V semesters - October -2018

III Bsc V paper –100%
VI paper- 100%

IIBsc III paper-100 %

IBsc I paper-91.74 %

I B.Voc- I Paper-100%

II paper-100%

III paper-100%

student strength: Academic year 2018-2019

III B.sc - BZC - 65

ZNC - 53 – (Total-118)

II B.sc - BZC - 70

ZNC - 52 - (Total-122)

I B.sc - BZC - 73

ZNC - 61 - (Total-134)

I B.Voc- -28

Student projects:

-Project work was allotted to final year students(register numbers from161726-161752,161801-161854)

A project work on

1. A study on general health status of adolescent girls in social welfare hostels of Eluru &vatluru.
2. A study on various gynaec problems of Adolscent girls in social welfare hostels of Eluru & vatluru.
3. A study on BMI of Adolscent girls in social welfare hostels of Eluru and Vatluru.
4. A Study on Environmental and personal hygiene of Adolescent girls studying in social welfare Hostels of Eluru and Vatluru.

Project viva:

Project viva conducted for III B.Sc students(BZC, ZNC & B.Voc-CALT) on July 2018 at Zoology Lab.

Externals-

Mr.Srinivas, Department of chemistry and Mrs. Sravanthi Department of Computer were the external examiner, Dr.R.Indira, H.O.D. was the internal members.

Project viva:

- July 17th- project viva for III Bsc students.



Changes in the Syllabi:

Basing on the new syllabus instructed by ANUR & APSICHE the following papers are followed with CBCS & Cluster system

- I B.sc-I semester I-Animal Diversity-Non Chordates
- I B.Sc-II semester-II- Animal Diversity-Chordates
- II B.Sc-III semester-III-Cytology, Genetics & Evolution
- II B.Sc-IV semester-IV-Embryology, Physiology & Ecology
- III B.Sc, V semester Paper V- Animal Biotechnology,
- III B.Sc-V semester -Paper VI- Animal Husbandry
- III B.Sc VI Semester-Paper VII –Immunology

- III B.Sc VI Semester-Cluster Paper VIII 1 –Principles of Aquaculture
- III B.Sc VI Semester-Cluster Paper VIII 2 Aquaculture Management
- III B.Sc VI Semester-Cluster Paper VIII 3: Self study-Clinical Technology

Remedial Classes:

The syllabus was completed for all classes as per the schedule and revised with model question papers& revision tests.

Activities of Staff:

- On 6th june,2018,in the T TIPS Training Programme arranged for Junior Lecturers of below Three years of Experience,Dr.R.Indira, HOD,Zoology delivered a talk on the topic "**Innovative Methods of Teaching**" She discussed various points related to teaching methods.

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- . Dr.K.Madhavi Rani ,along with other members of TTIPS Committee,organized a Training Programme for Junior Staff members
- On 18th june,2018,in the Orientation Programme arranged for First Year Degree Students,Dr.R.Indira, HOD,Zoology delivered a talk on the topic "Various facilities available in the college campus" and also on "**Various activities of Eco club**"



- As co ordinator of MANA TV programmes Dr.R.Indira made the necessary steps for the smooth conduct of the classes.



- On 22-10-18 & 23-10-18-: Mrs. N.Nirmala & Ms .Sk. Masarat Jaha Begam attended a RUSA sponsored workshop on Communication skills to Enhance Proficiency in Teaching, Organised by English Department.



21-12-2018:

Department of Zoology has taken up the Cultural events in Staff Club Christmas Celebrations.

Faculty of 3 years of experience of all departments participated in various cultural events like Skit on Birth of Jesus Christ, Carols and group dances etc.



24-12-2018:

Dr.R.Indira attended Institutional Ethical Committee Meeting -2018 at ASRAM Medical College, Eluru as a member of Ethical Committee nominated by MCI.

She inspected Animal House along with Veterinary Doctors from Veterinary College, Gannavaram & Tirupati and also Doctors from Pharmacology Department, ASRAM College.



Awards:

- **15-11-2018 & 19-11-2018- students participated in Elocution competition conducted by district library on the occasion of 51st National library week celebrations.**



Ist prize: K.Mohana Divya-III M.E. comp

II Prize: D.Hema sri –III BZC

Consolation Prize: M.Pujitha-I mscs

Guest Lectures arranged:

- July 19th-Dr.K.Chandra sekhar, professor, family medicins Al fayzah instate,soudi Arabia gave a guest lecture on “Occupational Health Hazards” to III Bsc BZC, ZNC, BVoc. Students.



Committes:

<p>Dr.R.Indira</p> <ol style="list-style-type: none"> 1.Co-ordinator for B.Voc, CALT 2.Co-ordinator of ES foundation course 3.Co-ornator of STC Eco-Club 4.Member of Examination cell 5.Member of salary committee 6.member of council 7.member of Academic council 8. District resource person of Kishore Vikasam-2017-18 	<p>Dr. K.Madhavi Rani:</p> <ol style="list-style-type: none"> 1.Member of IQAC 2.member of STC Eco-Club 3. District resource person of Kishore Vikasam-2017-18 4.Member OF Jeevan Vidhyakandra
<p>Mrs N,Lakshmi Prasanna:</p> <ol style="list-style-type: none"> 1.Secretary of Zoology Department 2. member of STC Eco-Club 	<p>Mrs G.Sunnetha:</p> <ol style="list-style-type: none"> 1. member of STC Eco-Club 2. In charge of Corridor cleanliness

Memberships:

The departmental members were registered in ANCS, Dt. Animal Welfare Society maintained by Animal Husbandry Department

Papers published:-

27-11-18 & 28-11-2018

- Dr.R.Indira –published a paper on “An efficient approach to software control tidal power generation system”, SPJMR, ISSN No; 2394-2886journal, 6.1 impact factor in an International conference on “Innovative domines of Mathematics and digital technology” organized by Department of mathematics.
- -Dr. R.Indira and Dr K.Madhavi Rani published a paper on Application of Immunostimulants as a means of Environmental Concern: Immunex DS and H –Treat on the immune response of Labeo rohita during aeromoniasis” in International Journal of Research. An ISO : 7021-2008 certified Journal (UGC APPROVED) id No. 10J6CF07B9446F97 ISSN No. 2236-6124 impact factor-5.7.Special Edition Multidisciplinary Journal pp no. 177-183



Workshop Organized: –10th Jan 2019: Consultancy and Workshop:

- The Department of Zoology in association with Eco Aqua Lab, Eluru organized a one day **Consultancy and Workshop to Aqua farmers and Aqua trainers on “Organic Vannamei Farming” in West Godavari District.**
- In that workshop, Dr.A. Satyanarayana , Aqua consultant, GS2 R Marine Aqua Solutions, Visakhapatnam gave practical training on Organic Vannamei Culture and Mr B. Ravi Kumar, Aqua consultant, GS2 R Marine Aqua Solutions, Visakhapatnam gave a technical session on “ Application of Probiotics”. After technical session, an interactive session conducted with Aquafarmers, Subject experts and students. Aqua farmers shared their experiences and clarified their Solutions regarding Vannamei Farming. About 100 students from Zoology cluster and B.Voc Clinical and Aqua Lab Technology students, 25 Aqua farmers near Eluru mandal and Faculty from Eco Aqua lab and Zoology Department participated actively.





Seminars/Workshops Attended and presented papers:

- **27-11-18 & 28-11-2018-** Dr.R.Indira, Dr.K.Madhavi Rani participated in an International conference on “Innovative domines of Mathematics and digital technology” organized by Department of mathematics.
- Dr.R.Indira –published a paper on “An efficient approach to software control tidal power generation system”.
- Dr. R.Indira and Dr K.Madhavi Rani participated in an International seminar “contemporary south Asian Literature: Gender And Environment” organized by Department of English.
- 8-2-2019-Dr.R.Indira, Dr.K.Madhavi Rani attended a National seminar on Empowerment of women: recent trends and challenges organized by women empowerment cell, sir. C.R.R. College, Eluru.

BOS:

- July 7th- Dr.R.Indira, Dr.K.Madhavi Rani attended as B.O.S.members for C.R.R. Autonomous college.



- 14-2-2019-B.O.s. Meeting was held in Department of zoology. Dr. A. Matta reddy, H.O.D. of zoology AKNUR Nominee, Mr. k. Visweswara rao were the subject experts. Mr.Madhan from Eco Aqua lab as industrial partner.
- B.O.S Meeting for B.VOC CALT Aqua& clinical papers Mr. K. venkata Ramana, from Deepak Nexzen pvt .Ltd. and Dr. Badri nath from Andhra Loyola college were the subject experts and reviewed the syllabus for the Academic year 2019-2020.



- 16-2-19- Dr. R. Indira attended B.O.S. meeting at Department of Zoology at C.R.R.College, Eluru as subject expert.
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Parent Meet:

Parent Meet was conducted on 13th Dec. 2018 in the department. All department members meet their wards separately along with their parents and discussed about their academic performance.



Internship:

Industrial training

III Bvoc. CALT students gone for industrial training at Eco Aqua lab Eluru, Aqua lab at Bhimavaram, allavaram, E.G.Dt ,and Fr.Pajjoli memorial hospital Javier nagar eluru for a period of 15 days.



Field trips:

8th Jan 2019: Field Trip

III B.Sc Zoology Cluster, Botany Cluster , Chemistry Cluster and I B.Voc CALT students taken to the Study tour to Kaikaluru Aquaponds and Atapaka Bird Sanctuary. The students got the

practical information from Aquapond owner and Dr.R.Indira, HOD about the Management of Culture ponds. Students also visited the breeding places of Pelican birds at Atapaka Bird Sanctuary.





Eco club:

- July 10th- Tree plantation was done by the members of Eco club. The Ecoclub students planted 50 saplings taken from the Forest Department.



Activities of Students:

Extension programme:

Extension Programme –by II &III B. Voc Students

- 9-8-18-II&III B.Vocational clinical& Aqua lab Technology students presented a knowledge extension programme on “By products of fish” under the guidance of ward tutor Mrs. G.Suneetha, lecturer in Zoology.
- Students explained various By products of fish like Fish Meal, Fish oil, fish liver oil, fish manure, fish silage, ising glass, fish glue, fish skin, fish flour, fish roes, fish flakes ,fish tail fins, artificial pearls .Students used various methods like skit, dance to express the importance of various By products.
- By products are obtained from various parts of fish like viscera,gonads-milt, roe, liver, stomach, intestine, head, snout, brain, gills, fish protein and oils



Extension Programme –by III BZC students

- **30-8-2018-** III BZC students presented a knowledge extension program me on “Animal interactions” under the guidance of ward tutor Dr. R. Indira, H.O.D. lecturer in Zoology.

- Different kinds of animals interact with one another to maintain the balance of Eco system.
- Students depicted the topic with power point presentation, one act play on “save nature- save mankind”&also a group dance with the message.



- **Academia Competitions:**

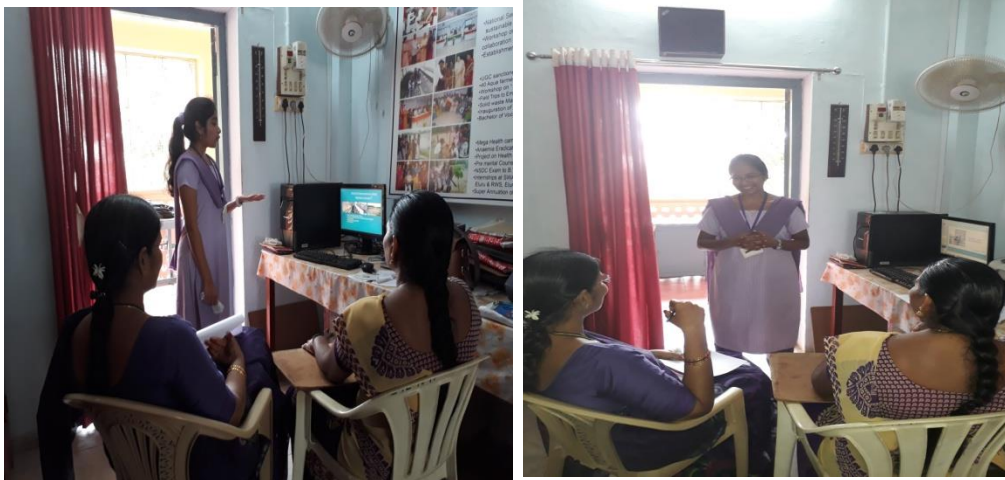
- On 27th july, Department of Zoology organized academic competitions in Power Point Presentation on “Animal Welfare”, Model Preparation on “Eco friendly measures”, Virtual Lab.

- **Winners :**

- **Power Point Presentation on “Animal Welfare”**

First Prize-D.Hema Sri,III BSC BZC

Second prize-K.Mounika ,II BSC ZNC



- **Model Preparation on “Eco friendly measures”**

First Prize-Sr.Theresa.B, III BSC BZC on “Say No to Plastic”.

Second prize-K.Mounika ,II BSC ZNC on “Eco Friendly House”



- Virtual Lab.
- First Prize- Y.Pavani,III BSC ZNC
- Second prize-D.Sree Lakshmi Priya, III BSC ZNC
- Third Prize-S.Durga Manasa, III BSC ZNC



- 7-9-2018-Department of Zoology conducted Jnanabheri programme for district level literary and cultural competetions in association with SETWELL, West godawari district Eluru.





YOUTH FESTIVAL:

- **14-11-2018- zonal level youth festival was conducted on 14-11-2018 at St. Theresa's college Eluru about 50 candidates from ST Theresa's college, sir. C.R.R.COLLEGE ELURU, Ramchandra engineering college, & best college Tadepalli gudem participated in various events like classical dance, modern dance solo, group, classical singing solo, light music solo & group, folk dance, singing, one act play and the members were selected for district level competitions.**
- **Our college got selection in**
- **Classical dance-1st**
- **Folk dance group-1st**
- **Folk dance solo- 1st**
- **Modern dance-2nd**

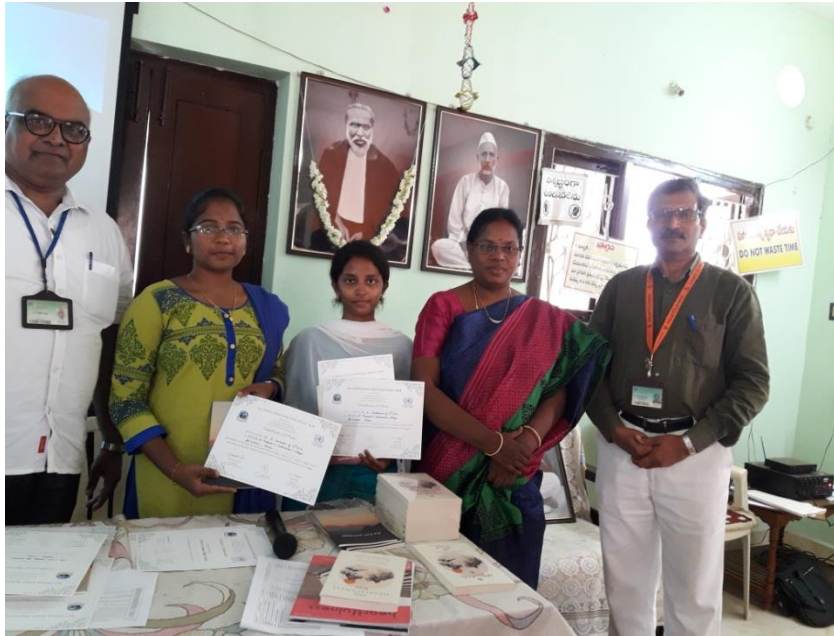
- one act play-1st
- Elocution -1ST
- Elocution -1st



- 17-2-19- Department of zoology conducted an all India Essay writing event on the life of Rabindranath Tagore in association with heartfulness society of Ramakrishna mission. Students received prizes from heartfulness society, Gandhi mydhanam eluru received from Sri vijaya Ram.

Prize winners:

1. A. Christiana-II BZC
2. 2. D. Hema sri-III BZC



Beat Practice

Health camp: Anaemia Eradication Programme

- July 4th and 6th- Mega health camp was organized in association with ASRAM Medical college. 10 Doctors and 10 technicians have conducted the camp.
- 2,500 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 refered them to ASRAM Medical college.
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Student support & Progression:

- Dr. R.Indira contributed Rs. 4000/- Ms Sreelekha of II B.A towards her college fee.

Future Plans of the Department-2017-18

- The department is going to conduct International Forum-2019 Transformation of Public Health and Community Responsibility 8th & 9th August 2019.
- Major Project on “ BioFloc” to improve the culturing of single celled protein food to Aquaculture.
- GIS Peoject on Aquaculture ponds
- Healthcamp-2019 for all the students and Faculty and complete screening for severely ill health students.