



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

DEPARTMENT OF ZOOLOGY

Annual Report, 2015-16

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Annual Report, 2015-16

- The college reopened on 4th June 2015.
- The college activities started with Sr.principal's meeting on 4th June 2015 to the staff. Dr. K. Madhavi Rani along with Dr. M. Rama, members of IQAC gave a presentation on "Minimum course curriculum for undergraduate courses under choice based credit system".
- 5-6-15-Reopening for students. From 6th June, 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

Paper II-- II B.sc - Dr. R. Indira & Ms.S.D.V.K.Kumari

Paper III, III B.sc - Dr. R. Indira & Mrs.N.L. Prasanna

Paper IV, III B.sc - Dr.K.Madhavi rani & Ms.S.D.V.K.Kumari

The **semester end results** for II, IV, and VI semesters- March-2015

IV paper – 100%

III paper- 100%

II paper- 100%

I paper- 93.1%

I B.Voc-100%

Student strength: Academic year 2015-2016

III B.sc - BZC - 61

ZNC - 30 – (Total-91)

II B.sc - BZC - 57

ZNC - 34- (Total-91)

I B.sc - BZC - 72

ZNC - 59- (Total-131)

II B.Voc- 8

I B.Voc- 16

The Semester End Result for I, III, V semesters - October -2015

IV paper – 100%

III paper- 96%

II paper- 70.37%

1 paper- 86.29%

Student projects:

Project work was allotted to final year students.(register numbers from 131723 to 131743.)

A project work on “A study on general Health status of Adolescents of CH.S.D.St.Theresa’s college for women, Eluru, W.G.dt.

The students collected the data from our college students in the Health camp conducted on 13th & 14th July, 2015.

Students completed their project works within time and submitted the rough manuscripts to Dr.Rama, Lecturer in chemistry.

The students analyzed the data and communicated for publication.





Externals- Mr.M. Nagarjuna, Env.Engineer, APPCB, Eluru (External)

Ms.G. Jyothi, Dept of Maths

Mrs.Deepika, Dept of English

Dr.R.Indira , HOD –Internal examiner for Zoology Panel

KMadhavi Rani-External to the Dept of nutrition

SDVK Kumari-External to the Dept of Telugu

Changes in the Syllabi:

- It is resolved to continue the same syllabi for II &III year students for all papers for the academic year 2015-2016.
- It is resolved to introduce New syllabi of ANUR – November 2015 for the 1 year –I & II Semesters for the academic year 2015-2016 with some changes.

Remedial Classes:

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

Activities of Staff:

Papers published:-

- **Dr. R. Indira** published “A study on health status of low socio-economic group among 3 rural settings in Eluru” in **STC Scholars Vision Vol. no. 4 145-151 Jan-Dec. 2015** on special edition.

- **Dr. K. Madhavi Rani** published a paper on “**Trophic–salinity gradients and environmental redundancy resolve mesozooplankton dynamics in a large tropical coastal lagoon**” in an International Journal (ELSEVIER) “**Regional Studies in Marine Science**” 1 (2015) 72–84
- **R. Indira** communicated a paper for publication on “Role of Immunex DS as Immunostimulant on the “**Biochemical response in *Labeo rohita* (Hamilton) during Aeromoniasis**” for publication in a Journal **STC Scholar Vision in 2015.**

Papers presented:-

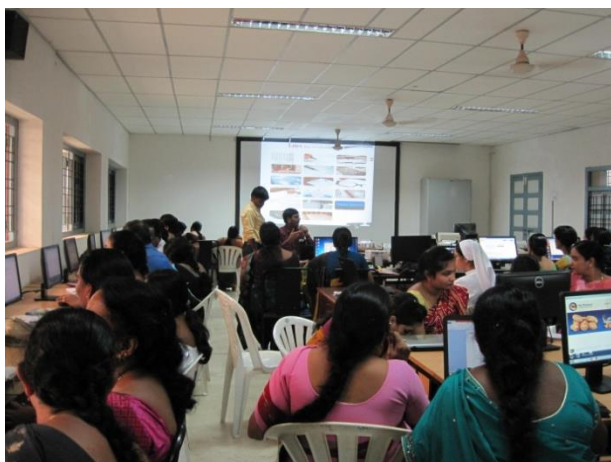
- **Dr. R. Indira** presented a paper on “**analysis of protein level in an Indian carp, *Labeo rohita* (ham) fed with immunex DS during aeromoniasis**” in National Mathematics Day Celebrations on **14-19th Dec, 2015.**

Seminars/Workshops Attended:

- **5-8-2015-** Mrs.N.Lakshmi Prasanna & Ms.S.D.V.K. Kumari attended a model lesson by Dr.Madhavi, HOD, Dept. of English organized by TTIPS.
- **7-8-2015-** All the members attended faculty forum lectures given by Mrs.D.Brahmeswari, HOD of social sciences , Mrs. Ume Salma Department of Hindi & Dr. P. Jyothi Kumari, Dept of applied sciences.
- **8-12-15-** **Mrs. N. Lakshmi Prasanna** attended a work shop on “Communicative language Training” organized by the Department of English.
- **14-12-2015:** Dr.K.Madhavi Rani, IQAC member organized a workshop on “Small Industries Development” under KAUSHAL to III Degree students.



- **3-12-15-** All the members attended a workshop on “e-content”.



- **10-12-15-** Department members conducted model making competition on the Topic- Smart city. Dr. K. Rani , Home Science Department and Dr. A. Nirmla Jyotsna, HOD, Dept. of Physics were the judges. 9 models were exhibited with all renewable energy sources and water harvesting methods prepared by waste materials only.



- **12-12-2015-** Departmental Alumina members organized TAA meeting and old student of Zoology main- 1984 batch, Mrs. R. Vijaya Lakshmi, Asst. Manager, Vijaya Bank, Visakhapatnam was the chief guest.



- **14-12-2015- 19-12-2015- Dr. R. Indira & Dr. K. Madhavi Rani** attended National Mathematics Day Celebrations on 14-19th Dec, 2015
- **30-1-16**-The departmental members attended valedictory function of fortnight celebration of “**Animal welfare society**”, **w.G.Dt.** Along with students, participated in rally and received II Best rally Award from Authorities.
Dr.R.Indira, HOD submitted the amount collected for “life member ship in the Animal welfare society” from the following members.
A.padmavathi,Y.Neeraja,Mrs.B.B.R.G.Vijayalakshmi,Dr.C.A.Jyothirmayee,
N.Nagavardhanam,Dr.P.Mary celine Rose,Dr.P.Ratna
Mary,Dr.k.V.Padmavathi,Dr.k.Rani,Dr.m.padmaja,,Dr.P.Jyothikumari,
Dr.D.madhumalathi,Dr.Ume salma,N.Tripura sundari,
Dr.v.Naga lakshmi,Mrs.G.M.R.Josephine,Dr.R.indira,Dr.K.SVKS Madhavi rani,
K.Sravika lakshmi.
- **Dr .R. Indira** acted as a judge for Paper presentation conducted by the Dept. of Nutrition.



- On 3-3-16 to 5-3-2016-**Dr.R.Indira**, incharge of B.Voc.Courses, CALT participated an “International conference on “Curriculum Development for the Indian community Colleges” jointly organized by ICRDCE, INDIA & MONTGOMERY COLLEGE,USA.
- On **6-3-2016-Dr.R Indira** attended “Interface meeting of Indian community college Administrators” jointly organised by ICRDCE, INDIA & MONTGOMERY COLLEGE, USA.





BOS:

- **22-6-2015** - As per the proceedings of the vice chancellor, **Dr. K. Madhavi Rani** is nominated as University representative on board of studies of Ideal college of arts and science (A), Kakinada, East Godavari District for a period of two years from the date of orders issued(6-6-2015).
- As per the proceedings of the Vice chancellor, **Dr. K. Madhavi Rani** is nominated as university subject expert on Board of studies of **V.S.M. college(A), Rama chandrapuram**, E.G.Dt, for a period of two years from the date of orders issued (dt.17-7-15)
- **17-7-2015** All the members participated in a workshop on “Human values Development programme” organized by **AIACHE at STC**.
- **4-8-2015** - **K. Madhavi Rani** attended BOS meeting as university nominee at **V.S.M.Degree college (Autonomus) Rama chandrapuram, (E.G.Dt.)**



- **1-10-15- Dr.k. Madhavi Rani** attended **BOS meeting** at Ideal college of Arts and Science (A), Kakinada as University nominee.



- **7-9-2015 & 3-01-2016- Dr.k. Madhavi Rani** attended **BOS meeting** at DNR Autonomous college Bhimavaram as University nominee.



- **20-2-2016-B.O.S.Meeting** was organized for **CALT. Mr. P.StevenRoy ,FDO State Fisheries Department,Badampudi & Ms.Krishna Chaitanya Tuitor in Bio Chemistry,ASRAM Medical college Eluru** were the Subject experts.



- **21-2-2016- B.O.S. meeting** was organized for Zoology department. **Prof.A.Matta Reddy garu, ANUR** was the university nominee.**Mr.k.Visweswara Rao garu Lect.Dept of Zoology, Sir.C.R.R. autonomous college, Eluru** was the subject expert.



Faculty as Academic Council member:

- **17-8-2015- Dr. K. Madhavi rani** attended the academic council meeting as university nominee at SKSD Mahila Kalasala, Thanuku .



General Extension:

12-11-15

- III BZC students performed an Extension programme on the topic “Economic Zoology” under the guidance of Dr.R.Indira, ward tutor. They depicted all aspects of economic Zoology like Vermiculture, Sericulture, Apiculture, Pearl culture, Dairy, Poultry, Emu Farming etc. with displays of their byproducts etc.



Extra –Curricular Activities: Eco Club

- **22-6-15 to 30-6-2016**

Dr. K. Madhavi Rani , Mrs. G.Suneetha acted as co ordinators for two batches of students of 1st year in “**Bridge course and spoken English classes**” from 22nd June to 30th of June. organized by the department of English.

- **Dr. R. Indira** is a member of salary committee, **co ordinator for Eco club, MANA T.V.** member of examination cell, member of community college and vocational courses.
- **Dr. K. Madhavi Rani** is a member of **Eco Club, T- TIPS, Jeevan Vidya, IQAC.**
- **Mrs. N. Lakshmi Prasanna** is a member of **ECO Club.**
- **Dr. k. Madhavi Rani** member of eco club Created awareness on the importance of “**Vanamahotsav week**” and tree plantation day.
Ms. K. Aarthi, II Bsc Znc explained the importance of trees to all the students.
- **Dr. R. Indira** co ordinator pf Eco club made all the members of staff and students to take an oath on the plantation and maintenance of trees.
- **Dr.R Indira and Mrs. N. lakshmi prasanna** along with students went to the adopted area “**Katta subbarao thota**” and poured vermicompost to all the plants.
- A.N - All the members of Eco club went to **Sri Ram Nagar cheruvugattu** , an adapted area of this academic year. students planted 25 saplings and watered them.
- **Dr.Sr. Mercy, principal, Sr. Showrilu**, Vice principal distributed school bags to school children of Sri ram Nagar area. Students created awareness to school children and to the villagers.
- **MPTC, of Sri Ram Nagar, Mr. Mohan Rao** co operated very much.
- **President of sanivarapupet Mrs. Lurdamma** participated in the programme.







Students are cleaning the premises of Vermicompost unit every week and also watering the compost ones in every 3 days.



A part of Ecoclub regular activity: Clearing of excess grass in front of the open air stage.



Health Camp: July 13th & 14th July 2015

A Health camp organized in the campus by the Dept. of Zoology in association with ASRAM Hospital for all the students and faculty. 10 Doctors and 20 technicians came and gave their services in the fields like **dental, ophthalmology, ENT and general Medicine** and also conducted **diagnostic tests like blood grouping, Hb, B.P, Height & weight** for all the participants. About 800 students and staff participate and avail medical service. This is for the project work of final year students and also the screening for **STARS** programme.







Anaemia eradication programme:

- **20-8-2015- Anaemia eradication programme under STARS** launched by the Dept of Zoology. Sr.Principal gave iron medicines & devorming tablets (Albendazole) to 77 anaemic students. Tabs distributed to different departments – chemistry, Zoology, MBA, Telugu. 20-8-2015- Anaemia eradication programme under STARS launched by the Dept of Zoology. Sr.Principal gave iron medicines & devorming tablets (Albendazole) to 77 anaemic students. Tabs distributed to different departments – chemistry, Zoology, MBA, Telugu.

The students can take every day one tablet after lunch. All the faculty and sr. Principal congratulated the department.



9-11-15 & 10-11-15

- Anaemia eradication programme conducted by the Dept of Zoology. Sr. Principal gave Multivitamin Chewable Tablets to our students. Dept members distributed vitamin A chewable tablets to all students through ward tutors.



- They were sponsored by Dr.G.Srinivas, M.D. general, professor , ASRAM Medical college, Eluru.
- B.Vocational and III BZC students daily doing Hb testing to all the students of our college



- B.Vocational and III BZC students also conducted Hb testing for St.Theresa's **MISS HEALTH CONTEST** organized by the Department of Nutrition.



Activities of Students:

- Some of our students of 2014-2015 batch secured AUCET and NUCET ranks and joined in P.G. courses.
- 15-6-2015 – Ms. P.Naga Durga joined in M.sc. Aquaculture at ANU.
- In ANUCET
Ms. K. Sravika secured 4th rank.
Ms. P. Naga Durga secured 56th rank
Ms. P. Ramani secured 92nd rank.
- **In Andhra University**
Ms. D. Lakshmi secured 455 Rank in zoology.
Ms. K. Nimmy supriya secured 2000 rank in fisheries
Ms. D. Asha secured 452 rank in botany.
Ms. U. B. Tripura sundari secured 561 rank in zoology.

Ms. K. Sravika secured 51 rank in zoology.

- **Adikavi Nannaya University:**

Ms. P.Ramani secured 10th rank

Ms. swarupa secured 20th rank.

- **6-7-2015** Ms. P. Ramya & Ms. D. Sandhya of B.Sc. Znc gave a talk on “ various types of Zoonotic diseases” and their “Preventive measures” in an awareness programme organized by the department of zoology.
- **9-12-15-** III B.Sc students attended “**Vee Technologies**” campus drive at eluru college of engineering .the following students are selected as Medical coders.

1.M.Aparna-9553325048

2.K.R.Rajeswari- 9703012128

3.Venu Madhavi-9177840581

4.Sk.aaisha-9491184866

5.P.karunasri meghana-8978856256

6.M.Priya -8885990509

7.J.Pushpa keerthi-9849484510

- **21-12-15-**III B.sc students attended Elico Health care services campus drive at Eluru college of engineering. The following students are selected for Medical transcription.

1.M. Aparna - 9553325048

- 2. Sk. Aaisha- 9491184866

- **9-2-2016-**B.sc students attended “**Omega Health care**” campus drive at **DNR college, Bhimavaram**. The following students are selected as Medical coders.

1.S.Hima Bindusri,III BZC,131702

2.J.Puspa keerthi,III BZC,131766

3.P.Spandana,III ZNC,131807

4.D.S.L.Harika,III ZNC,131812

- **30-1-16-**The departmental members attended valedictory function of fortnight celebration of “Animal welfare society”, wG.Dt. Along with students, participated in rally and received II Best rally Award from Authorities.

- The following students received prizes in Elocution competition.
I prize-P.Karuna Sri Meghana
II Prize-Ramya
III Prize-K.Tejaswi



Learning Methodology:

Students are learning their subject in detail and with audiovisual mode through videos for every topics in all papers.



Guest Lectures:

11-6-15- Extension lecture.

- “Adolescent and youth problems” by **Dr. K. Chandra Sekhar**, professor, ASRAM Medical college, Eluru.



Guest lecture for all the degree students of the college

- On 31-8-15, a **Guest Lecture** was given by **Dr. G. Srinivas**, professor, General Physician, ASRAM medical college, Eluru on the topic “**Anaemia**” to all the students to give awareness and to take necessary steps to control Anaemia.



Guest lecture for all the degree students of the college

On 7-11-2015, Sri. M. Nagarjuna, Environmental Engineer gave a guest lecture on “Environmental Protection Acts and activities of AP Pollution Control Board”. He explained the role of Youth in control of Pollution and conservation of Natural Resources



- **On 29-10-15**, The department arranged a guest lecture on “**Premarital counseling**” for the final years by **Dr.I .Sai Samyukta**, M.S.Obstetrics and gynaecology, Asst.Professor , ASRAM Medical College Eluru



Dept. of Zoology organized the Lecture to Final year students of the college.

- **22-9-2015-** A guest lecture will be arranged for the III BZC & ZNC students on the topic “**Culture of Chromosomes and Karyotyping**” by **Dr.P.Jyothi** , Assistant professor, Department of Histopathology, ASRAM Medical college.



- On 19-9-2015, Mr. D.Naga Raju, Medical Lab Technician in ASRAM College gave a Guest lecture and Demonstration on Histopathological slide preparation to the B.Voc, CALT students of I and II years.



On 19-2-2016-Mr.Dasu, Technician gave a demonstration on Instruments like PH meter, Conductivity, Salinity Meter, Digital Soil and Water Analyser.



Department Faculty as Resource Persons:

- **18-6-2015- Dr. Indira** gave a talk on “Bachelor of Vocational courses(B.Voc.)” to the I Degree students in Orientation programme.
- **20-6-2015- Dr. K. Madhavi Rani** gave a talk on “Club activities of various departments of St. Theresa’s college” to the I degree students in Orientation programme.
- **8-8-2015- Dr. K. Madhavi Rani** gave a guest lecture on “different Aspects of Reproduction” under a programme “**Premarital counseling**” to final year P.G.Students, organized by Women studies center, St. Theresa’s college.



- **8-10-15 to 10-10-15 Dr.K.Madhavi Rani** delivered a guest lecture on “**Harmony in Nature and existence**” to I Year P.G physics students.



- **16-12-2015- Dr. R. Indira** delivered a Guest lecture on the topic “**ECONOMIC ZOOLOGY**” at Sir CRR Autonomous College, Eluru.



- **25-2-2016-Mr.G.S.Murthy, G.M.ASRAM Medical college** was invited by the Dept. as chief guest for Union valedictory. He gave a talk on “**Health & Wellness Tip**”. The College management and the Department members honored GM of ASRAM.

Field trips:

- **21-8-2015 III BSC BZC, ZNC, II BVOC CALT , I BVOC** students along with faculty taken to field trip to **government fish hatchery, Badampudi**. There, the students have studied Jar hatchery, circulation hatchery, Breeding and hatchery hapas, Induced breeding technique



Internship:

- **From 17-2-2016 to 4-3-2016 I B.Voc students went to “Eco Aqua Microbiology Lab”, Eluru for Internship.**





Celebrations:

- **15-8-2015- Independence day celebrations:** Department of Zoology organized Independence Day celebrations in Degree Campus. **Mrs. D.Brahmeswari, Dept. of Social Sciences** hoists the flag and gave Independence Day message to the staff and students. Students performed patriotic dances.



Future Plans of the Department-2016-17

- 17th June 2016: Guest lecture on “Communicable diseases and their control”.
 - 2nd July 2016: A workshop on “ Restoration of Bird Sanctuary at Atapaka and Madhavapuram of Kolleru lake.
 - 6th July 2016: World Zoonosis Day
 - 15th & 16th July 2016: Health camp to the II and III year students
 - 9th Aug. 2016: Field Trip to III years
 - 29th sep. 2016: World Heart Day - Guest lecture
 - 8th Nov. 2016: Guest lecture on “health & Balanced diet for adolescents” by ASRAM doctors.
 - 31st Jan 2016- Fort night celebrations of Animal welfare society.
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- Project work: Potable water analysis of Government schools of Eluru, West Godavari District