



C.H.SD.ST.THERESA'S COLLEGE FOR WOMEN (A)

RUSA ACTIVITIES

The **following programmes** were organized under Capacity Building Programme of **RUSA**, sponsored by **Ministry of Human Resource Development (MHRD), Government of India**. Sr. Showrilu, Vice Principal and RUSA coordinator, Dr. I. Annapurna, Associate Professor and Additional coordinator, Dr. K. Rani, Associate Professor and Assistant coordinator and all the IQAC members organized and participated in all the in all sessions of RUSA activities under the chairmanship of Principal.

November 2018

1. International Conference Organized:

International conference was organized by the **departments of Computer Science and Mathematics** on “Innovative Domains of Mathematics and Digital Technology” (ICIDMDT-2018) in collaboration with **Spectrum Solutions, Pondicherry** on 27th and 28th November 2018 sponsored by RUSA . Mr. K. Hari Prasad IIS , State Project Director RUSA, Government of Andhra Pradesh was the Chief Guest for this Conference. He enlightened the young minds with his intellectual, inspiring and informative message. Key note address was delivered by Prof. V. Kannan from the University of Hyderabad.

The international delegate Prof.Samuel B.Shaw Kathmandu University, Nepal and other resource persons Prof. A.Yesu Babu ,HOD, Sir C.R.R. College of Engineering , Eluru, Prof.Y.N.Reddy NIT ,Warangal, Mr.Rama Chandran Vedula, Enterprize Architect, Wipro Technologies Ltd, Bangalore and Mr.Raushan Kumar Singh, Technical Director , Spectrum Solutions , Pondicherry explained and enlightened on various related topics on Mathematics and Digital Technologies. More than 50 theresian faculty presented papers during this International Conference. About 350 University Professors, college lecturers , research students from various parts of the Globe participated in this Conference.

Dr.N.Nagavardhanam presented paper on “Forecasting model for Cotton production by using ARIMA model”. **Mrs.T.Rohini kumari** and **Mrs.N.Gayatri Devi** gave a paper presentation on "Importance of differential equations and partial derivatives in chemistry".

Dr.M.Rama lecturer in chemistry presented paper on “Comparison of essential oils composition and antioxidative property of leaf extracts of ocimum sanctum and ocimumbasilicum”.

Dr.V.Naga Lakshmi lecturer in chemistry presented paper on “Spectrophotometric methods for the assay of tiagabime Hcl using chromogenic reagents”.

Dr CA Jyothirmayee presented paper on “Linear correlation and quality of drinking water in Pedapadu mandal, West godavari district, AP, India.



January 2019

2. International Seminar: Contemporary South Asian Literature: Gender and Environment:

A Two Day International Seminar on Contemporary South Asian Literature: Gender and Environment was organized by the Department of English Ch. S.D. St Theresa's College for Women, Eluru on 24th and 25th January 2019 in Collaboration with AdiKavi Nannaya University, Rajamahendravaram.

Prof. Swarna Rachel Thirumalai, Univ.of.Minnesota, U.S.A. as a Key note Speaker delivered lecture on “Women and Ecology.” She emphasized on the importance of women education in third world countries, the way women are dominated in the society, the importance of women Empowerment. Prof.Sri.K.Ramesh, Univ.College of Arts and Commerce, Adikavi Nannaya University was the Convenor Dr.R.Madhavi, H.O.D, Department of English; Ch.S.D.St.Theresa's College for Women, Eluru was the Convener for the Seminar. Dr.Sr.Mercy.P. Principal welcomed the gathering. Rev.Sr.Lourdu Mary, Correspondent and Superior gave her wishes for the seminar and along with all the delegates released the **Conference Proceedings** and the **Journal**. It was an enriching and enlightening Seminar. Many of our Staff and Students took part in it.



June 2019

3. Internships/Training Program:

The students of **II B. Sc Home Science** participated in an internship and credit transfer programme on “Vocational Training Programme on Food Processing and Preservation” in Krishi Vignan Kendra (KVK) Venkataramannagudem. The duration of the programme was from 4th to 18th April, 2019. They obtained extra credits by doing this internship.



The students of **III B. Sc Home Science** attended internships in various hospitals during the month of May. They did their internships in various hospitals like KIMS Hospital-Hyderabad, Capital Hospital-Vijayawada, ASRAM Hospital-Eluru, RAMESH Hospital-Guntur and The District Government General Hospital-Eluru. The purpose of the Internship was to gain practical knowledge in suggesting therapeutic diets.



The **Department of Management studies** organized an Internship Programme on “Enhancement of Employability Skills from the perspective of Job market” under RUSA for both BBA and MBA final year students from 20th June, 2019. The resource persons are from

Vaibhav Groups and Services and the students got trained in eight different companies based on their specializations in HR, Marketing and Finance.



On 29th June 2019, Department of commerce organized students Training Program on "GST & TALLY" .Resource person Ch.Sudheer CA. one of the leading chartered accountants in Vijayawada. The activity went on well and successfully completed. According to the feedback from students, they were delighted and enlightened, they are eager to have some more sessions. We are thankful to principal Rev.Sr. Dr.Marietta D' Mello and vice principal and Director of PG Courses Rev.Sr. Showrilu for proving this opportunity.



4. Knowledge Extension Programme :

III B.Sc MPC (I) Section Students presented a knowledge extension programme on “ Precious Little Drop” on 27 th June, 2019 under the guidance of Mrs. T.Rohini kumari and Dr.M.Rama. The main aim of this extension is to make the students aware of the causes of water pollution, Preventive measures and different modes of water conservation and to protect our water sources for future generations. They depicted the theme through Dance , Skit and Mime. Well, it was an eye-opening performance.

5. P.G. Summer Project :

II MSc Organic Chemistry students got trained in Spectro-photometric methods and Chromatography as a part of Summer project from 5th to 15th May 2019 at Pharma train company, Rajahmundry. It's an enriching and enlightening training indeed.



6. Student Induction Programme:

The classes for the **I year Degree** students commenced on 24th June, 2019 at St. Theresa's College, Eluru. A six day Student Induction Programme was organized from 24th to 29th June for the new comers. This was to equip them with awareness about the college, methods, working style, availabilities, do's and don'ts, examinations, rules and regulations. Sr. Lourd Mary, the Correspondent, in her speech encouraged the students to make use of all the possibilities of the college and grow in knowledge to acquire a brighter side of life. Sr. Marietta D'mello, the Principal, advised the students to learn a disciplined and systematic life. Sr. Marietta assured them a standard and value based education. Sr. Showrilu, Vice-Principal, explained the aims and goals of the college and instructed the students to move towards achieving those aims. Dr. Nirmala Jyothsna, HOD of Physical Science, narrated the history of the college and enlightened the students. **Mrs. Ume Salma, HOD of Telugu and Hindi** organized, supervised and advised the students to make use of all the opportunities, possibilities of the college and work for the Good will of the college. Every department contributed for the growth and better understanding of the I year degree students. It was a rich and knowledge sharing programme.



7. English Bridge course:

Bridge Course for the I year students was organized from 25th to 28th June, 2019 by the Department of U.G. English under the guidance of Dr.D. Fathima Rani. It is mainly to brush up the LSRW Skills of the students in English language accompanied by modules like importance of English language. It was in an interactive method with activities conducted for each module. Students actively participated in conversations, skits and action songs which helped to improve their pronunciation, accent and intonation. The ICT tools like ppt and videos were used extensively. Nearly 700 students participated in Bridge Course and the course consummated with a test. The Principal Rev.Dr.Sr. Marietta D'Mello addressed the students in the final session and stressed over the need for English in Professional life.



8. Seminar for the Staff:

A seminar was organized for the Staff on the topic “Personality Development and National Policies in the system of Education” by **Rev.Fr. Prasad Maraneni** on 8th June, 2019. Fr. Prasad enlightened the Staff on various academic policies, the way we need to approach the students by molding ourselves to reach our targets. Fr. used the videos to give us ample examples.



On 29th June, 2019 the Management organized a seminar for the **support staff** for the academic year 2019-20 on the topics “Personality Development, Evolution, Skill and Team Work”. The resource persons were Fr. Prasad Marneni and Fr. Arogya from Nalgonda. The Staff got enlightened and impressed by their talk, stories and the tasks. It’s a great knowledge based experience indeed. The Teaching and Support Staff are very grateful to the Management.

9. Training for the New Faculty:

Experienced cum Senior Faculty **Dr. G. Jyothi**, HOD of Chemistry, **Dr.. K.V. Padmavathi**, HOD of Home Science, **Dr. R. Madhavi**, HOD of English and **Mrs. Ume Salma**, HOD of Hindi and Telugu enlightened and enriched the young faculty by sharing their teaching experiences, highlights in methodologies, behavioural pattern, principles and values that are to be followed while dealing with the students and so on. It was a great and helpful training programme for the upcoming faculty. Thanks to the Senior Faculty for their services.



July 2019

10. MEGA Health Camp : Anemia Eradication Programme

The Department of Zoology organized Mega health camp in association with Asram Medical College on 10th and 11th July, 2019. II and III degree as well as II PG students about 1200 were fortunate enough to avail various health checkups like General, Dental, ENT, Dermatology, Ortho, ECG and all haematological tests. About 121 students suffering with low HB levels were referred to Asram Medical College for further treatment. Thanks to the Doctors and Technicians who rendered their great service to our students. Hearty Congratulations to the Department of Zoology!!!



Soft skills training programme for junior staff members was inaugurated on 9th July, 2019. Sixty staff will be trained for 90 days in two batches and the first batch training began on 9th July, 2019. **Mr. Mahesh Jain** is the resource person from English Patasala, Eluru.



A half day Seminar on Counseling Procedures and Skills was organized on 13th July, 2019 for the faculty under Capacity Building Programme of RUSA. The resource person **Fr. John Antony OFM** with the co-operation of **Fr. Innayya OFM** from Vignananilaya, Janampet enlightened and enriched the faculty.



International Exchange Programme for students was held on 16th July, 2019 for II and III year students. The resource person Dr. Ratnakar, CEO and Director, IMRF Institute for Education and Research, enlightened the students on International Exchange Programme with Thailand, and Dubai.



A one day Seminar on Intellectual Property Rights and Patents was held on 20th July, 2019 for the staff of St. Theresa's College. The resource person Prof. MNV Prasad, Emeritus Professor, School of Life Sciences, University of Hyderabad, Former Dean, School of Life Sciences, Former Head, Department of Plant Sciences, and Former Coordinator of PG Diploma in Environment Education Management. He created an awareness in the Staff to go ahead with IPR and patents in near future.



Awareness Programme on Skill-Upgradation, Research and Placement Opportunities was held on 20th July, 2019 for II and III year students. The Resource person Prof. MNV Prasad, Emeritus Professor, School of Life Sciences, University of Hyderabad, made the students understand all the opportunities available in the job market, skill up gradation sectors and Government support.



11. Knowledge Extension Programs:

III B.Com Finance students presented an enchanting Knowledge extension program under the guidance of Mrs. K. Aruna, Faculty, and Department of Telugu on 4th July 2019. The topic was **Janapada Geya Manjari**. They explained about different types of folk songs by performing dances and songs. This program enlightened and entertained the audience.

Under the guidance of Mrs. P. Vijaya lakshmi **III BBA** students presented an extension programme on **Plan your start up** on 4th July 2019. This extension enabled the students to be aware of the difference between small business and start ups also motivated them to start their own business ventures.



III B.A HEP (TM) and THP students presented a knowledge extension programme on the topic of **Gandhian Principles** on 11th July, 2019 under the guidance of Ms.Y.Sailaja,

Department of social Sciences. The theme was chosen according to the celebrations of 150th birth anniversary of Mahatma Gandhiji. Some of the Gandhian principles in this programme were truth, non-violence, satyagraham. Swaraj etc.



The students of **III B.A HEP (EM) and EPSW** presented a knowledge extension programme on the topic of **Body Language** on 11th July, 2019 under the guidance of Mrs.R. Chittemma, Department of social Sciences. The theme of the extension is to explain about the impact of body language in our day to day life. The students presented various types of body languages which are both positive as well as negative, that helps audience to change their negative actions into positive actions.



12. Botany week celebrations:

The Department of Botany organized Botany week celebrations from 8th to 13th July, 2019. 'Plants for Sustainable Environment' is the theme for the academic year 2019. In this connection department organized various competitions like Poster painting, Mehendi competitions, Vegetable carving, Floral carpet, Flower bouquet preparation to the students of various disciplines. On 8th I BZC students planted 30 saplings like Lakshmanan phalam, Custard Apple, Citrus, Mango, Guava and Kadambham in and around college campus. On 9th July 33 students participated in Mehendi Competitions. On 10th July 5 students took part in Vegetable Carving Competition. On 11th Flower Bouquet preparation was there where 9 students competed with each other. Poster painting competition was held on 12th in which 15 students

exhibited their talents. **Floral Carpet Competition** was organized on 13th whee 7 students participated. Congrats to all the Participants, Winners, Judges and Organizers.



13. Internships / Training Programme:

II MSc Organic Chemistry students participated in the Emergency Response Volunteers training Programme on 10th July, 2019 organized by Indian Red Cross Society, West Godavari district branch.



On 12th July 2019 Botany department organized a Training programme for **III BZC** students on **Preparation of Ghanajeevamrutham - Natural manure** and created an awareness

on the Organic Farming at Gosamrakshana Samithi, Palgudem. 300 kgs of Ghanajeevamrutham was prepared by the students in collaboration with Gosamrakshana Samithi, Palgudem.

II BZC students prepared **Dravajeevamrutham – Organic manure** at Gosamrakshana Samithi, Palgudem.



The **Department of Social Sciences** organized a guest lecture on **Women Empowerment** on 18th July, 2019. **Ms .E. Likhitha Divyani**, studying III year engineering in technology at the University of Massachusetts, Lowell, U.S.A. gave a talk on Women Empowerment. She answered many queries and cleared the doubts of students on many issues, regarding women empowerment. Dr.Sr.Marietta D'mello, Principal delivered her message on women empowerment, and gave her best wishes to Likhitha Divyani.

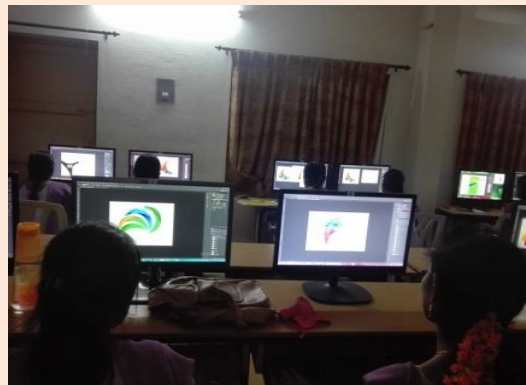
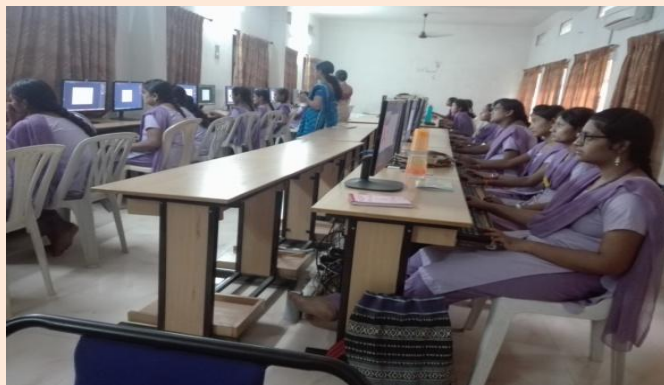


14. Workshop Organized:

The **Department of UG English** conducted a Workshop on **Syllables, Sounds and Stress** for I year Degree students on 24th July, 2019. The Resource Persons were Prof.P.Gopichand and Prof.P.Naga suseela of JKC College, Guntur. They used multimedia techniques, interactive methods, songs, videos, oral drill to make it more interesting and innovative to the students.



Department of Web Technology and Multimedia organized **Logo and Template Design in Photoshop** Competition. II BVoc (WTM), III B.Voc (WTM) and one Community College ITeS Student participated in this event. Students created beautiful logos and templates.



15. Handicrafts Exhibition:

II MBA students put up an exhibition on Handicrafts on 25th July, 2019 with various stalls like Gift articles, Greeting cards, Rakhis and Friendship bands. This activity enhanced the entrepreneurship skills of our students and prepared them for the real business situations in future.



16. IIRS outreach programme:

The Department of Chemistry, Faculty, Dr.G.Jyothi, Dr.V.Naga Lakshmi and Mrs.K.J.Subhashini attended IIRS outreach programme entitled Advances in Remote Sensing and Geospatial Technologies for Disaster Early Warning, Monitoring and Mitigation organized by the department of physics at St. Theresa's college from 8th to 12th July, 2019.



17. Vana Mahothsav Programme:

On 8th July 2019 NSS programme officers organized vana mahosthasve programme at Ch.S.D.St Theresa's degree campus. Sr.Sowrilu Vice Principal and Sr.Chinnamma Inaugurated the program by planting the saplings. II year NSS volunteers participated along with NSS PO's.



On the eve of Vanamahosthav, Botany Department organized Plantation programme on 4th and 8th July, 2019. Principal Rev. Sr. Dr. Marietta D'Mello, vice principal Rev.Sr.Showrilu, Administrative officer Rev.Sr.Innyasamma, Former HOD of Botany Dr.N.Nagavardhanm, Mrs.BBRG Vijaya Lakshmi, HOD of Botany, Mrs.G.Rani & Ms.Asha Latha, Botany faculty and BZC students planted the saplings in and around the college. 62 medicinal plants were planted in the Herbal garden by **II B.Z.C** students along with the faculty members.



18. APSSDC:

Dr. Sr. Marietta D'mello planted fruit saplings on 17th July, 2019 at St.Theresa's College Campus that was initiated by APSSDC in collaboration with NSS Units of our College. The Principal addressed the gathering and advised to take care of plants and trees in order to protect and enhance the green surroundings.



19. Youth Red Cross and Red Ribbon:

On 16th July 2019 Y R C and R R C conducted the Plantation programme at college campus and conducted the Cleanliness Rally with plants.



20. Azolla- cultivation:

On 15th July 2019: Botany faculty along with BZC students established Azolla-cultivation unit in Shade net. III BZC students harvested Azolla and supplied as food supplement to cattle and cows of St. Ann's Convent to increase the milk production.

21. Community Extension Programmes:

Dr.Sr.Marietta D'Mello, Principal of Ch.S.D.St Theresa's college for women was the Guest of Honour for the installation programme of Inner Wheel club of Eluru on 18th July,2019 . On this occasion, Dr.Sr.Marietta D'Mello gave a talk on Psychological status of women. Later, the club members felicitated the Principal as a mark of respect.



On 26th July, 2019 the students of II MBN visited **Premanvitha old age home**, shared their love and care by spending time with the geriatric people.

August 2019

22. Centre for Fine Arts:

Under RUSA 2.0 (Component 8) Centre for Fine Arts was inaugurated on 29th July 2019. Chief Guest for the programme was Ms.I. Aruna Kumari, Expert Teacher from PIDILITE INDUSTRIES, Mumbai. Under this programme Certificate/ Diploma/ Advance Diploma courses were organized for Students, Faculty and Housewives. Classes commenced from 30th July 2019.



23. Knowledge Extension Programmes:

III B.Sc., Home Science students presented a knowledge extension programme on 1st August, 2019 on the topic **Liquid Gold** under the guidance of Mrs. P. S. Bhanu Prasanna lecturer, Department of Home Science. Students explained about the importance of Breast Feeding, Advantages of Breast Feeding to mother and Infant, Immunological, psychological and Physiological factors, Disadvantages of Prelacteal foods and bottle feeding by using various methods like Skit, Videos and Power-point Presentation.



III BCOM Computers under the guidance of **Dr. D. Fathima Rani** and **Ms. P.V .Padmavathy** Department of English presented an extension programme on **Women Power at 21st Century** on 29th August, 2019. a total no of 63 students participated in this extension programme. Each student enacted as one of the eminent women occupied at highest cadre in different fields like politics, IT, Business, Film, Writing Field, IPS, IAS, Singing, Army, Navy, Space, Anchoring Field, Bike riding, Miss India, entrepreneurs, mountain Climbing, Supreme court Judge Etc., Students performed a dance drama and left a message that Real Social Progress is achieved by empowered women who reached unconventional positions.



24. Training Programmes:

Department of Web Technology and Multimedia conducted a three day training program under **RUSA** on **Photography** from 1st to 3rd August, 2019. II and III B.Voc (Web Technology and Multimedia) students and Community College Diploma ITeS students attended this training program. The resource persons Mr. G.Balaji and Mr.G.Shivaji explained the meaning of Photography and made the students understand about the ample career opportunities that are awaiting in this field. They taught clearly how to choose backgrounds while taking photography.

On the second day they explained about the camera features, difference between the mobile lens and camera lens. The types lenses used in photography. Mr.Shivaji shared some techniques to appear beautiful while taking photography and Mr.Balaji made it very clear as to how to choose the colour for the backgrounds. He gave some tips to those who wear spectacles.

On the third day, they gave practical experience to use cameras and lenses to capture beautiful photos. Students utilized the opportunity and gained knowledge. Mr.Shivaji explained the lighting techniques and the usage of a white umbrella. Indeed, it was a very good and useful Film Making Course.



25. Internship Programme:

Department of Mathematics Organized a three day internship program under RUSA on **Octave** (A Mathematical tool for advanced Mathematical calculations) in Association with Spectrum Solutions ,Pondicherry, Coordinated by Dr.KL.Saraswathi Devi Head of the Department of Mathematics and Statistics, from 19th to 21st August, 2019. . Final year Mathematics combination Students about 235 Students and the department faculty participated

in it..The resource persons were Mr. Raushan Kumar Singh, Managing Director, Spectrum Solutions and Mr. Sandeep Kumar, SMVPTC , Pondicherry. The Major topics covered in this programme are - * Introduction of Octave, Plotting(2-Dimension,3-Dimension), Pie Chart, Arithmetic/Trigonometric Operations, Matrices/Determinant Differentiation/Integration and Image Processing.



26. International Forum:

Department of Zoology organized a two day International Forum on **Transformation of Public Health and community Responsibility** on 8th and 9th August, 2019 in collaboration with Saudi Board Family Medicine programme Buraidah, KSA sponsored by RUSA 2.(Component-8) in association with IQAC.

Guest of honour was Prof. Teky, Registrar, Adikavi Nannaya University, Rajamahendravaram and other guests of honor were Dr.Saleh Abdelfattah Al Gabbany, Director & Consultant Family Medicine at Saudi Board Family Medicine Programme, Buaidah, Quassim Region, KSA, Dr.K.Chandra Sekhar, Professor & specialist Family Medicine at Al Faiyziah Post graduation centre for family Medicine, Buraidah, KSA.

Dr. Saleh Abdelfattah Al Gabbany gave a lecture on the topic “ Experience of Breast Cancer Screening program in Qassim region, KSA”. This is the first community based screening program in the gulf region including Kingdom of Saudi Arabia.

Dr.T.Vinay Bhushan, MS.Mch.Neuro (NIIMS) FINS (Fellowship in Interventional Neuroradiology & Stroke, Zurich). Dr.G.Sreenivas, Asst. Professor, Department of General Medicine, ASRAM Medical College were the resource persons. About 160 participants presented their papers. About 550 participated from Faculty, Students, Research scholars and PG and UG Medical students.





27. Work Shop on Painting Skills:

Department of Home Science organized a workshop on painting skills from 19th to 21st August, 2019 for the I B.Sc., Home Science students by Mrs. I. Aruna Kumari, Pidilite Industries, Mumbai. Pot painting, Mural and Varli painting techniques, glass painting techniques, tie and dye techniques, Lippon Work, Kalamkari art, liquid embroidery, one stroke painting were demonstrated by her. Home science students grabbed this opportunity of learning various painting skills in and through this workshop.



28. Workshop on Theatre Arts for Better Life skills and Communication Skills:

A two-day workshop on **Theatre Arts for Better Life skills and Communication Skills** was organized by the **Department of English** on 26th and 27th of August, 2019 under RUSA in collaboration with IQAC. Good communication and social success is the ultimate aim of all language study and especially for the students who pursue literature as their option. Nearly 300 students of BA combinations, all literature students of both UG and PG and Web technology students attended the workshop.

As Theatre Arts exposes the range of theatre activities, on stage and off stage, two persons from Film industry were invited as Resource persons. Mr. Ratna Sekhar Reddy, Director of Samhara Theatre, Miss Snigdha, film actress, singer, alumni of our college, Mr. Somraju, a TV artist and theatre Artist, Mr. Hema sunder, an International dance director, Mr. Katti Mahesh, a critic, writer, theatre artist, actor shared the sessions for two days.



29. Workshop on Internet of Things:

The **Department of Physics & Electronics** organized a 3 day Workshop on **Internet of Things** from 29th to 31st August, 2019. Sri. V. Govinda Rao, Director Technical Microlink Peripheral Pvt. Ltd, Vijayawada was the Resource person. About 100 students of Physics & Electronics of III B.Sc.M.P.CS & M.E.CS participated actively in it. The concepts & basic Electronics of IOT & it's application in Smart Technologies were explained well. Based on this, the students developed some smart appliances like LED blinking, Buzzer, Relay ON & OFF, Bluetooth, Smart Mobile interface for home Automation, ADC interface for measuring temperature & Light intensity using IOT. Congrats to the students.



30. One day Work Shop on the role of social sciences

The **Department of Social sciences** a one day work shop on the topic **The Role of Social Sciences to promote ethics in society** under RUSA2.0 (8 components) on 30th August 2019. **Prof.C.S.N.Raju**, Retd.Professor in Economics, Acharya Nagarjuna University, Guntur and **Mrs. Uma Devi**, Retd. Lecturer in History, Ch.S.D.St.Theresa's College for women, Eluru was the resource persons. About 250 members participated in this work shop.



31. National Deworming Day:

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 benefitted from this programme .Ms.T.Sri Kavya gave an introduction on the importance of the day. Ms.A.Christiana created an awareness among the students through Power Point Presentation about the meaning of deworming, common unhygienic behaviours in the community through which the worms spread and suggested preventing measures for worm infection. She concluded her talk by narrating the benefits of deworming. All the students applauded her and left the hall with a detailed knowledge of the topic.



32. National Workshop on Contemporary NANO:

The **chemistry department** organized a one day workshop on the topic **Contemporary –NANO synthesis, characterization and applications** at the college campus. Scientists: Dr.BVL Prasad and Dr,Rama Krishna were the resource persons from National Chemical Laboratory, Pune. Dr.Sr.Marietta D Mello, Principal, gave the inaugural address on this occasion. The resource persons enlightened the participants on the Synthesis and applications of Nano particles. They said Nano particles can be used to protect the environment. National level scientists in Physical Sciences also gave lectures and demonstrated the synthesis and applications of Nano particles in the laboratory. Nearly 550 participants from different colleges benefitted by this program. Dr.G.Jyothi, Head of the Department of Chemistry-Convener, Dr.C.A.Jyothirmayee-Co- Convener and Dr.V.Naga Lakshmi-the organizing secretary for this programme.





Department of Computer Science organized a guest lecture on **Ethical Hacking** on 27th August, 2019. The resource person Mr.J.Vamsidhar, Technical Director, Securium Fox Technologies Pvt.Ltd ,Vijayawada is a certified ethical hacker who explained many topics like encryption and decryption of text, how to hack website and mobiles. The purpose of this guest lecture was to expose the students to the field of ethical hacking and cyber security.



33. Training programme:

Mrs.S.Surekha, lecturer in social Work participated in the training program on **Training of Trainers (TOT) on Social Entrepreneurship** which was held from 22nd to 24th August 2019 at Adikavi Nannaya University, Rajamahendravaram . The training programme was organized by the Departments of Social Work, Adikavi Nannaya University, Rajamahendravaram and the Department of social Engineering, Rajiv Gandhi National Institute of Youth Development (RGNIYD), Ministry of Youth Affairs & Sports, Sriperumbuthur, Tamil Nadu, Government of India.



34. Breast Feeding Week Celebration:

The **Departments of Applied Biosciences** and **Home Science** organized World Breast feeding week from 1st to 7th August, 2019.

On 1st, Inauguration of breast feeding promotion was held at St. Theresa's College to bring awareness on the importance of breast feeding and its benefits to mother and child with the theme **Empower Parents Enable Breast Feeding**. On this Occasion students of **Applied Biosciences** performed a Mime and information was shared on the protection and production of Mothers Milk.



On 2nd, Seventeen Students of Applied Bioscience participated in a recipe contest on the theme **Breast Milk production enhancing recipes** conducted by **Home Science Department**.



On 3rd, Students of **Ayush club** conducted an awareness program at **Anganwadi centre, Thoorupuveedi, Eluru**. They Shared their knowledge on **Importance of breast feeding** for lactating Mothers.



On the same day, Canteen was organized by **III B.Sc.,Home Science** students to gain experience in cooking and marketing in bulk . The students were given an experience of organizing **Nutri-Eatery** low cost and nutritious recipe preparation. The students were encouraged to prepare ten different items and were able to gain marketing skills and quantity cooking. The experience made them to learn techniques of doing business to empower themselves.



On 5th, A Guest talk was organized by **Dr.Anusha, Pediatrician**, ASHRAM medical college, on the feeding practices and the benefits of breast feeding. All the final year students attended the guest lecture.



On 6th, **III MBN Applied Bioscience** students along with the staff MS. Kala and Mrs. Neeraja lecturer in Nutrition and Microbiology celebrated **valedictory** at **Kandrigagudem Anganwadi Centre Code: 74**. They emphasized on the **Importance of Breast feeding by Mime and Skit on health and hygiene**. Supervisor-Shanthi priya and in charge Vijaya Lakshmi, the pregnant and lactating mothers were present for the programme.

Home Science Department held a debate on the topic **Breast feeding Vs Artificial Feeding**.



On 7th, III ZNChe. Applied Bioscience students along with the staff Dr.P.Jyothi Kumari & D. Lumbini Devi, Lecturers in Nutrition and Biochemistry, conducted **valedictory celebrations** at **Venkatapuram Panchayat, Hanumannagar Anganwadi Centre Code: 90**. They emphasized on **“Importance of Breastfeeding” in the form of Play**. Twenty four students participated in this programme and enlightened on the theme. On this occasion Dr. Jyothi Kumari spoke on the importance of nutrition during pregnancy and lactation.



35. National Spirit Week Celebrations :

The **Department of Social Sciences** organized National Spirit Week Celebrations from 24th to 31st August 2019. Dr.Sr.Marietta D’Mello, Principal inaugurated the National Spirit Week celebrations. As a part of this, the Department conducted various competitions on patriotism like role plays on national leaders, singing, extempore, essay writing and poster paintings. The students actively participated in various competitions to express their integrity towards Nation. Prizes were distributed at the valedictory session.





36. E-hub Activity:

The **Department of Physics and Electronics** conducted second activity of **E-hub** on 03th August, 2019. The I & II B.Sc. electronics students are the members of E-hub. **Power point presentations** on following topics were given by II BSc .M.E.CS students. **Wireless Power Transmission**, by V.Bhargavi , G.Ruchita & N.Reshma.

“**Electronic Eye**” has been conducted by S.Bhuvaneshwari, B.Praveena & P.Manga.

“**Electric Bicycle**” by S.Sujatha, N. Dakshayani & S.Divya.

The PPT presentations were quite interesting and informative. By and large, the whole event was a huge success.

Under **Space Club activity**, on 26th August 2019, the **department of P.G. Physics** organized PPT Presentations on **New Innovations** related to Physics like Drones, Solar roads, Eye lights and Nano 1 (world’s smallest astronomy camera). I and II M.Sc Physics students participated actively in it. Later, Dr. A.Nirmala Jyothsna, HOD of Physics and Electronics, inspired the students on the importance of acquiring communication skills for their bright career.



37. Community Extension Programme:

II B.Sc Home Science students visited Anganwadi Centre at Sri Ram Nagar Road, Eluru on 7th August, 2019. Anganwadi Instructor explained about the on-going programmes of Women and Child Welfare Department. Students came to know about the immunization schedule which is being practiced in the recent years for infants.



Faculty Development Programme **On** **“Achieving Sustainable Development Goals (SDGs)** **Through a conceptual model of Education”**

Under RUSA 2.0 (Component – 8)

Organized by

Internal Quality Assurance Cell (IQAC)

Dates	:	14 th September to 19 th September 2020
Timings	:	10am to 12 PM
Platform	:	Goto meeting app
Target delegates	:	All Teaching faculty and students of Ch SD St Theresa's college for Women(A)Eluru, faculty from Paramarsh mentee colleges.

Organizing Committee:

- ❖ President—Dr Sr Marietta Pudota, Superior and Correspondent, Ch SD St Theresa's college for women(A)Eluru.
- ❖ Chair Person - Dr Sr Marietta D'Mello, Principal, Ch SD St Theresa's college for women(A)Eluru

- ❖ RUSA Coordinator – Dr Sr Showrilu, Vice- Principal & PG Director, Ch SD St Theresa’s college for women(A)Eluru
- ❖ Convener - Dr R Madhavi, HOD – Department of English & IQAC Coordinator Ch SD St Theresa’s college for women(A)Eluru
- ❖ Members of IQAC, Ch SD St Theresa’s college for women(A)Eluru

Resource Person:

M. N. V. Prasad,
 Emeritus Professor, School of Life Sciences
 University of Hyderabad (an Institution of Eminence)
 HYDERABAD 500046,
 Telangana State , India

Objective:

As the Sustainable Development Goals will shape the efforts of the Nations in the next 15 years, it is of the upmost importance that the education system everywhere acts so that they are well-known and understood by the academic community and the civil society where any academic institution is located. This should be done in the most integrated and international way as possible as the SDGs are multidisciplinary in nature.

Embarking on the path of sustainable development will require a profound transformation of how we think and act. To create a more sustainable world and to engage with sustainability-related issues as described in the SDGs, individuals must become sustainability change-makers. They require the knowledge, skills, values and attitudes that empower them to contribute to sustainable development. Education, therefore, is crucial for the achievement of sustainable development.

Ch SD St Theresa’s college for women (A) Eluru has planned and approved a long-term educational project aimed at introducing the Sustainable Development Goals to its academic community. The FDP on “**Achieving Sustainable Development Goals (SDGs) through a conceptual model education**” is planned to enable the faculty to understand the importance of SDGs and to impart the same to the academic community and the civil society where the academic institution is located.

Topics Covered:

- SDG 1 : End poverty in all its form everywhere.
- SDG 2 : End hunger, achieve food security and improved nutrition and

- promote sustainable agriculture.
- SDG 3 : Ensure healthy lives and promote well-being for all at all ages.
- SDG 4 : Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.
- SDG 5 : Achieve gender equality and empower all women and girls.
- SDG 6 : Ensure availability and sustainable management of water and sanitation for all.
- SDG 7 : Ensure access to affordable, reliable, sustainable and modern energy for all.
- SDG 8 : Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.
- SDG 9 : Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation.
- SDG 10 : Reduce inequality within and among countries.
- SDG 11 : Make cities and human settlements inclusive, safe, resilient and sustainable.
- SDG 12 : Ensure sustainable consumption and production patterns
- SDG 13 : Take urgent action to combat climate change and it's impacts
- SDG 14 : Conserve and sustainably use the oceans, seas and marine resources for sustainable development.
- SDG 15 : Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradationand halt biodiversity loss.
- SDG 16 : Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels.
- SDG 17 : Strengthen the means of implementation and revitalize the global partnership for sustainable development

Day wise Program:

Day 1 program began with a prayer followed by Welcome address by Dr SrMarietta D' Mello, Principal,Ch SD St Theresa's college for women(A)Eluru. Dr R Madhavi, HOD Department of English and IQAC Coordinator gave the introductory remarks. Dr.M. Padmaja, HOD Department of Home science and IQACMemberintroduced the resource person to the gathering.

The resource person covered the topics such as –

1. Introduction
2. Sustainable concepts – overview
3. Millennium of insecurities
4. Plan of action for Eco development

The Sustainable Development Goals (SDGs) agreed by 193 countries, also known as the Global Goals, were adopted by all United Nations Member States in 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030. The 17 SDGs are integrated—that is, they recognize that action in one area will affect outcomes in others, and that development must balance social, economic and environmental sustainability.

Through the pledge to Leave No One Behind, countries have committed to fast-track progress for those furthest behind first. That is why the SDGs are designed to bring the world to several life-changing ‘zeros’, including zero poverty, hunger, AIDS and discrimination against women and girls. Everyone is needed to reach these ambitious targets. The creativity, knowhow, technology and financial resources from all of society is necessary to achieve the SDGs in every context.

On second Day of FDP, resource person Prof MNV Prasad, started the discussion with recap of previous day session.

Topics covered:

1. Carbon footprint – Ecological footprint
2. Bioenergy
3. Bioremediation
4. Biodiversity.

Sustainable development has become a concern for people all over the world. The concept of sustainable development is broad and the concerns and actions help ensure long-term growth and prosperity. The environmental aspects of sustainable development include conservation of natural capital stock and the protection of human and the natural habitat. The ecological footprint is a resource accounting tool that has been developed to identify the amount of the biosphere's regenerative capacity used by humans compared with what is available at both local and global scales.

The carbon footprint measures the amount of greenhouse gas emissions caused by human activities or accumulated over the life cycle of products. Improving sustainability of cities is

important. Therefore, understanding both ecological and carbon footprints will help generate essential information to reduce footprints, identify options for actions, and track progress to ensure resources are available not only for the present generation but also for generations to come.

The carbon component of the Ecological Footprint which we call the carbon Footprint measures the area of forestland that is required to absorb all the carbon emissions from human activity in excess of what the oceans already absorb (the carbon Footprint can also be expressed in tones of CO₂ emitted). Global Footprint Network is working to promote a world where the reality of resource constraints is central to the national and international policy debate, and where decision-makers understand the risks that resource limitation and declining biodiversity pose to our societies' well-being and economic stability.

The resource person made the session very interesting by playing videos in between.

Third Day of FDP started with Payer invoking God's blessings. The resource person Prof MNV Prasad gave the presentation on **"Global partnerships in sustainable development"**.

The SDGs can only be realized with strong global partnerships and cooperation. A successful development agenda requires inclusive partnerships — at the global, regional, national and local levels — built upon principles and values, and upon a shared vision and shared goals placing people and the planet at the centre.

Many countries require Official Development Assistance to encourage growth and trade. Yet, aid levels are falling and donor countries have not lived up to their pledge to ramp up development finance.

Due to the COVID-19 pandemic, the global economy is projected to contract sharply, by 3 per cent, in 2020, experiencing its worst recession since the Great Depression. Strong international cooperation is needed now more than ever to ensure that countries have the means to recover from the pandemic, build back better and achieve the Sustainable Development Goals.

On the fourth day of FDP, Prof MNV Prasad briefed on-

- IUCN – Red list categories of plants
- Emerging contaminants and Micro pollutants in the environment – Human health concern
- E waste posed
- Environmental health
- Global climate change
- Climate change and soil

Established in 1964, The International Union for Conservation of Nature's Red List of Threatened Species has evolved to become the world's most comprehensive information source on the global conservation status of animal, fungi and plant species.

The IUCN Red List is a critical indicator of the health of the world's biodiversity. Far more than a list of species and their status, it is a powerful tool to inform and catalyze action for biodiversity conservation and policy change, critical to protecting the natural resources we need to survive. It provides information about range, population size, habitat and ecology, use and/or trade, threats, and conservation actions that will help inform necessary conservation decisions.

Soils are the largest store of terrestrial carbon on Earth. Conserving and improving carbon (held in soil organic matter) through judicious soil use and land management can help to mitigate climate change, combat degradation of soil and water quality, and address food security. Many of the benefits of soil carbon arising from multiple ecosystem services are not recognised or are external to the existing markets. Farmers and other stakeholders can help reduce greenhouse gas emissions from the soil by practices such as conservation tillage, residue management, and multiple cropping. Such interventions increase the input of organic matter into the soil and reduce the decomposition of soil organic matter.

On the **fifth day** of the FDP Millennium Development Goals are presented in the input session by Prof MNV Prasad

The United Nations Millennium Development Goals are eight goals that all 191 UN member states have agreed to try to achieve by the year 2015. The United Nations Millennium Declaration, signed in September 2000 commits world leaders to combat poverty, hunger, disease, illiteracy, environmental degradation, and discrimination against women. The MDGs are derived from this Declaration, and all have specific targets and indicators.

The Eight Millennium Development Goals are:

- 1) To Eradicate Extreme Poverty and Hunger
- 2) To Achieve Universal Primary Education
- 3) To Promote Gender Equality and Empower Women
- 4) To Reduce Child Mortality
- 5) To Improve Maternal Health

- 6) To Combat HIV/Aids, Malaria, and Other Diseases
- 7) To Ensure Environmental Sustainability And
- 8) To Develop A Global Partnership For Development

The MDGs are inter-dependent; all the MDG influence health, and health influences all the MDGs. For example, better health enables children to learn and adults to earn. Gender equality is essential to the achievement of better health. Reducing poverty, hunger and environmental degradation positively influences, but also depends on, better health.

The last day of the FDP started with prayer followed by introductory remarks by Dr RMadhavi, IQAC Coordinator. Prof MNV Prasad created awareness how Indian Universities are trying to attain UN-Sustainable Development Goals by introducing Sustainability Science.

Highlights of the technical session:

- ❖ Sustainability Science (SS) is recognised as a tool for attaining global sustainability.
- ❖ Indian universities offers SS in a piecemeal approach.
- ❖ Need of curriculum reshaping for holistic inclusion of SDGs within the existing setup.
- ❖ Infusion and diffusion models for integrating sustainability in higher education.
- ❖ Promoting sustainability education can propel India's progress towards UN-SDGs.

In order to achieve sustainable development goals, especially we have to adopt **“Education for Sustainable Development”** as a process and mechanism for making our education system robust, progressive and sustainable. An education system that promotes the awareness of the complexities, diversities and uncertainties of the surrounding world and promote changes through ESD strategies can be considered as reflexive in relation to social learning and new social movements. In order to bring reform in our education system we have to improve the basic unit of an organization that encompass the human efforts and material equipment which could collectively improve student's learning, teachers' performance and academic culture.

The recent ESD literature on SDGs for 2030 advocates to bring sustainable change in the vision, routines and structures, professional knowledge creation and pedagogical practices. The primary purpose of adopting ESD is to build up a culture that would improve learning and help students to become responsible individuals by fostering sustainability for the sake of conservation of natural resources and promote equality, sustainable consumption, life-style and practices to protect our environment and make our world a place of sustainable habitat.

Act now - Ten simple ways the UN campaign for individual action on climate change and sustainability:

1. 5 minute showers
2. Drive less
3. Plant based meals
4. Recycle
5. Unplug
6. Bring own bag
7. Lights off
8. Local production
9. Refill and reuse
10. Zero waste fashion

CONCLUSION:

In her concluding remarks, Dr SrDr SrShowrilu, Vice- Principal & PG Director, Ch SD St Theresa's college for women(A)Eluru, shared her views with faculty and participants. She briefed the participants about the objective of the FDP and highlighted the importance for the same.

The sixday FDP Programme was winded up with vote of thanks proposed by Dr KSVS Madhavi Rani, Member of IQAC,Ch SD St Theresa's college for women(A)Eluru.

Feedback was received from the participants and E-certificates were sent to the participants by mail. On the whole the program was well appreciated by the participants.

OUTCOME:

Overall the 6 day FDP programme was successful in creating awareness about sustainable development goals, the importance of conceptual education and the role of the faculty in achieving the goals. Nearly 150 participants attended the FDP Programme.

<p>President Dr.Sr.Marietta Pudota Superior & Correspondent Ch.S.D.St.Theresa's College for Women(A),Eluru</p>	  CH.S.D.ST.THERESA'S COLLEGE FOR WOMEN (A) Eluru, West Godavari Dist., Andhra Pradesh - 534003 Affiliated to Adikavi Nannaya University, Rajamahendravaram Autonomous Since 1987 College of Excellence NAAC A+ with 3.56/4 CGPA Certified in Atal Rankings of Institutions on Innovation Achievements Faculty Development Programme on "Achieving Sustainable Development Goals (SDG'S) through a Conceptual Model of Education"
<p>Resource Person  Mr.M.N.V.Prasad Emeritus Professor, School of Life Sciences University of Hyderabad Hyderabad - 500046, Telangana, India</p>	
<p>Chair Person Dr.Sr.Marietta D'Mello Principal Ch.S.D.St.Theresa's College for Women(A),Eluru</p>	
<p>RUSA Coordinator Dr.Sr.K.Showrilu Vice Principal & Director of PG Courses Ch.S.D.St.Theresa's College for Women(A),Eluru</p>	<p>Under RUSA 2.0 (Component-8) Organized by Internal Quality Assurance Cell (IQAC) Date & Time 14th to 19th September, 2020 10 am to 12 pm</p> 
<p>Convener Dr.R.Madhavi HOD -Dept.of English, IQAC Coordinator Ch.S.D.St.Theresa's College for Women(A),Eluru</p>	

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Certificate
OF PARTICIPATION

This Certificate is awarded to _____ of _____ for participation in a one week Faculty Development Program on **"ACHIEVING SUSTAINABLE DEVELOPMENT GOALS THROUGH CONCEPTUAL MODEL OF EDUCATION"** Under RUSA Organized by Internal Quality Assurance Cell (IQAC) - Ch.S.D.St.Theresa's College for Women (A), Eluru on 14th Sep to 19th Sep 2020.

 Chairperson (Principal)	 RUSA-COordinator (Vice Principal & Director of PG Courses)	 Convener (IQAC Coordinator & HOD, Dept. of English)
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