Department of Botany

Year End Report- March, 2024

College was reopened on 5thJune 2023 for the academic year 2023-24. A general body meeting was conducted by Principal Dr.Sr.P.Mercy for the faculty members and assigned the duties such as time table setting, work load allotment and planning of department activities for the academic year 2023-24. Classes were started on 8th June 2023 for II & III year degree students and on 3rdJuly 2023 for I Year degree students.

Number of BZC student's on the rolls for the academic year 2023 - 24

| S.No | Class | No: of students | No:of | No: of students | Present |
|------|--------------|-----------------|---------------|-----------------|----------|
| | | admitted | students left | newly admitted | strength |
| 1 | IB.Sc Botany | 33 | 2 | - | 31 |
| | Minor | | | | |
| 2 | II BZC | 42 | 5 | - | 37 |
| 3 | III BZC | 43 | 5 | - | 38 |

Work load of Botany was distributed equally among 3 members of the department. Syllabus was planned & classes were taken accordingly. Faculty members succeeded in taking classes regularly and completed the syllabus in time.

Result: November 2023 results

| S.No | Class | Paper | Semester | No:of | No:of | No:of | Pass |
|------|-------------------|-------|----------|----------|----------|----------|------------|
| | | | | students | students | students | percentage |
| | | | | appeared | passed | failed | |
| 1 | I B.Sc Classical | I | I | 50 | 45 | 5 | 90% |
| | Biology | | | | | | |
| 2 | Multidisciplinary | | I | 143 | 118 | 25 | 82.5% |
| | Course | | | | | | |
| 3 | II BZC | III | III | 35 | 34 | 1 | 97% |
| 4 | Plant Nursery | | III | 81 | 80 | 1 | 98.76% |
| 5 | Environmental | | III | 121 | 113 | 8 | 93.38% |
| | Education | | | | | | |
| 3 | III BZC | VI | V | 36 | 36 | Nil | 100% |
| 4 | III BZC | VII | V | 36 | 36 | Nil | 100% |

To improve the subject skills of average and above average students, the teaching and learning methods implemented were, Power point presentations, Seminars, Discussions, Quiz Programmes. For the slow learners Field study, Group study, Question & Answer sessions methods were implemented during remedial coaching.

Botany Activities 2023 - 24

College activity:

• 20th February 2024: Mother Enrichetta feast - As college activity Botany department celebrated the feast of Mother Enrichetta in Ch.S.D.St.Theresa's College for Women (A), Eluru.The program was started with the meaningful prayer and welcomed the sisters of St.Ann's,Sr.Ernestine Fernandes, Correspondent and Superior, Dr.Sr.Mercy, the Principal, Sr.Maria Christa, Vice Principal, Sr.Suseela, the control of examinations and P.G Directorsand Management sisters with Saplings.

Later, All the Sisters and Heads of variousDepartments were invited on to the stage to pay tribute to the portrait of Mother Enrichetta. The life history of Mother Enrichetta was enacted beautifully by II BZC students through skit, dance and song. Sr. Ernestine Fernandes gave blessings and advised the students to built the good characters like dedication, hard work etc of Mother Enrichetta. Dr. Sr. Mercy, principal gave message about the virtues of Blessed Mother Enrichetta and congratulated the efforts put up by the department of Botany in making this programme a grand success. Then staff club memberswere greeted the sisters by fruits.



- **Guest Lectures:** Two Guest lectures were organized for I, II & III BZC students for the academic Year 2017-18. They are as follows-
 - 1. 23rd August 2023: Sri.M.Bapineedu garu progressive organic farmer, delivered a guest lecture on "Green house management" to III BZC students. He explained the requirements and Cultivation techniques of Kiwi, Carrot, Green cucumber and Raddish. He enlighten the students about the need of Green House technology to the agricultural scenario.
 - 2. **23rd August 2023:** Sri.B.Karan, Horticulture officer of Eluru-Rural, gave a lecture on "Cultural techniques of Broccoli and Avacado" to III BZC students.



Guest lectures Delivered:

1. 27th **June 2023:** Dr.B.B.R.G.Vijaya Lakshmi delivered lecture on "Organic farming and its benefits" to NSS volunteers in seminar hall.



2. 26th **November 2023:** Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botanygave a lecture on Agricultural techniques like preparation of mulching and explain the importance and uses of medicinal plants to I and II B.Sc Agriculture students.





Field Trips:

1. 29th July 2023: Filed trip - Botany department organized a field trip to II & III BZCstudents to Kadium nurseries, Rajamahendravaram. 46 students attended this field trip and visited one of the most famous garden in India - "Pallam Venkanna plant nursery", Kadiyapulanka, Rajamahendravaram. Students observed maintenance, they witness to natural gardens with air and water purifying plants like Hydrilla, Certophyllum etc. They came to know about cultivating practices of white, red and pink coloured lotuses in lotus pond which attracts people. Students gain the knowledge about growing methods of different Bonsai plants with different sizes and in shapes like 10cm to 10mts hight in different containers. They came to know about maintaining polyhouses in the nursery, which were decorated with indoor plant creepers and money plants are planted in pots and arranged in shelf's.

Different varieties of indoor and outdoor flowering plants were planted in different shapes of indoor decorative planters. 30 colours of all Rose and flower plant varieties are arranged in different plots. They displayed wild as well as cultivated fruit yielding plant varieties like Black guava, anjeera, Jackfruit red etc and different vegetable seeds varieties from Raddish to Bitter gourd were observed by the students. Marketing strategies of the nursery was explained by Palla Venkanna which they are supplying different high quality UV plant varieties of indoor and outdoor, Bioenzymes and vermicompost to the customers. Propagating techniques of the ornamental, indoor to outdoor decorative plants was observed in the nursery.

Nursery was well established with different plants, fruit and farm varieties with different shapes which include high yielding fruits and vegetables. Even with rare medicinal plant varieties. Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany & Mrs.D.Lumbini Devi, Agriculture faculty accompanied the students. Students gained the knowledge about Biodiversity of Godavari River basin and enjoyed a lot.









Seminars attended, papers presented and published:

- 1. 13th to 14th October 2023: International Conference Dr.B.B.R.G.Vijaya Lakshmi and Mrs.G.Rani has participated in the International Conference on "Applied Sciences Advances & Applications 2023" organized by Ch.S.D.St.Theresa's Autonomous College for Women (A), Eluru, AP in collaboration with IMRF Institute of Higher Education & Research, India sponsored by Rashtriya Uchchatar Shiksha Abhiyan (RUSA).
- **2. Paper published -** Dr.B.B.R.G.Viajaya Lakshmi & P.Brahmaji Rao, Professor in Environmental Sciences, Acharya Nagarjuna Universitypublished a paper on "Phytochemical capability og Emergent plants in metal contaminated sites of Kolleru Lake" in Strad Research Journal (2024) ISSN: 0039-2049 Volume 11, Issue 4, 2024, ppt-37-53.

Webinars, Workshops, FDP's and Training programmes attended:

- 1. 27th January to 4th February 2024: 8 Days International Faculty Development Programme Mrs.G.Rani attended 8 day International Faculty Development Programee on "A Tutelage Forum on Teaching, Learning & Research" organized by the Department of Food Processing Technology & Management, Hindusthan College of ARts & Science (Autonomous), Coimbatore.
- 2. 20th February 2024: National Webinar Mrs. G. Rani has participate in one-day National Webinar on "Intellectual Property Essentials: Safeguarding Creativity in the Academic Realm and Patent Filling" organized by Department of Chemistry, Physics, English & History in association with Internal Quality Assurance Cell (IQAC), Y.V.N.R.Government Degree College, Kaikaluru, Eluru Dist., A.P 521333.

- **3.** 12th April 2024: National Webinar Mrs. G. Rani has participate in National Webinar on "Biological Sciences for the Welfare of Mankind" organized by Department of Zoology, SKR Government Degree College (W), Rajamahendravaram.
- **4. 26**th**April 2024 to 27**th **April 2024: National Seminar -** Mrs. G. Rani has participate in Two-Day National Seminar on "New Dimensions for Augmenting English-Speaking Skills in L2 Context" organized by Department of English in Association with Internal Quality Assurance Cell (IQAC), SCHVPMR Government Degree College, Ganapavaram, West Godavari Dist., AP.
- **5. 25**th**April 2024 to 30**th **April 2024: National Webinar -** Mrs. G. Rani has participate in the Five-Day National Webinar on "Pathways to Discovery and Innovation: Nurturing Researchers for Tomorrow (PDINR-2024)" organized by Centre for Research Development and Promotion (PARISHODHANA) of Pithapur Rajah's Government College (A), Kakinada...

Project work:

- 1. 30thJune 2023: Short-term Internship Project Viva External viva panel members:
 - ❖ Dr.N.Gayathri Devi, Senior Lecturer in Chemistry and Mr.V.Nagi Reddy, Lecturer in Agriculture acted as external panel members and Mrs.G.Rani, Lecturer in Botany acted as Internal Viva Panel member.

Topics:

➤ Integrated farming system for sustainable agricultural production.



| S.No | Regd Number | Name of the student | Class | Title of the project |
|------|-------------|---------------------|--------|--|
| 1. | 211700 | L.Dhana Lakshmi | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |
| 2. | 211703 | Sk.Saju Fathima | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |
| 3. | 211704 | M. Harika | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |
| 4. | 211705 | N.Sri Sowmya | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |

| 5. | 211706 | Ch.Bhavana | II BZC | Integrated Farming systems for Sustainable Agriculture Production |
|----|--------|-------------------|--------|---|
| 6. | 211709 | A.Madhavi | II BZC | Integrated Farming systems for Sustainable |
| 0. | 211709 | A.iviadiiavi | II DZC | Agriculture Production |
| 7. | 211723 | K.Raja Rajeswari | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |
| 8. | 211724 | G.Renuka | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |
| 9. | 211725 | G.Venkateswaramma | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |
| 10 | 211727 | N.Sandhya | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |
| 11 | 211731 | T.Bhavya | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |
| 12 | 211737 | K.Sravanthi | II BZC | Integrated Farming systems for Sustainable |
| | | | | Agriculture Production |

2. 1st July 2023: I Year CSP Project Viva – External viva panel members:

Dr.K.Swarna Latha, Senior Lecturer in Chemistry and Mrs.P.Bhanu Prasanna, Lecturer in Home Science acted as external panel members and Mrs.G.Rani, Lecturer in Botany acted as Internal Viva Panel member.

Topics:

> Farmers problems on regional crops in selected areas of agriculture in different mandals of Eluru District.



| S.No | Reg. No | Name of the Student | Group | Title of the Project |
|------|---------|---------------------|-------|---|
| 1. | 221700 | S.Iswarya | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Pedapadu Mandal. |
| 2. | 221701 | N.Naga Lakshmi | I BZC | Farmers problems on regional crops in selected |

| | | | | areas of Agriculture in Denduluru Mandal |
|-----|--------|-------------------------|-------|---|
| 3. | 221702 | K.Mounika | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Pedapadu Mandal |
| 4. | 221703 | M.Sruthi | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Buttayagudem Mandal |
| 5. | 221704 | T.Manisha | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Eluru Mandal |
| 6. | 221705 | R.Peddintlu | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Denduluru Mandal |
| 7. | 221706 | S.Aruna | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Komarda Mandal |
| 8. | 221707 | B.Sindhu | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Musunuru Mandal |
| 9. | 221709 | S.Aparna Varalakshmi | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Pedavegi Mandal |
| 10. | 221710 | A.Harika | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Nallajerla Mandal |
| 11. | 221711 | B.Leelambika | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Bhimadolu Mandal |
| 12. | 221713 | A.Vasundhara | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Jangareddygudem Mandal |
| 13. | 221714 | K.Mercy Veena | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Eluru Mandal |
| 14. | 221715 | K.Nagamani | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Chinthalapudi Mandal |
| 15. | 221716 | D.Alekhya | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Chinthalapudi Mandal |
| 16. | 221717 | K.Pavani | I BZC | Farmers problems on regional crops in selected areas of Agriculture in PolavaramMandal |
| 17. | 221718 | B.Sailaja kumari | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Pedavegi Mandal |

| 18. | 221719 | M.Lavanya | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Jeelugumilli Mandal |
|-----|--------|-------------------|-------|--|
| 19. | 221720 | D.Kavya Sri | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Nidamarru Mandal |
| 20. | 221721 | B.Sujitha | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Dwarakathirumala Mandal |
| 21. | 221723 | G.Navya | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Denduluru Mandal |
| 22. | 221725 | B.Kyathi Sarupya | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Denduluru Mandal |
| 23. | 221726 | D.Sowmya | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Denduluru Mandal |
| 24. | 221727 | K.Subhashini | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Nallajerla Mandal |
| 25. | 221728 | M.Harshavardhini | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Pedavegi Mandal |
| 26. | 221729 | V.Shalini | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Gopalapuram Mandal |
| 27. | 221733 | K.Mounika | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Jeelumilli Mandal |
| 28. | 221734 | Ch.Sai Malleswari | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Kapileswarapuram Mandal |
| 29. | 221735 | V.Karunanjali | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Denduluru Mandal |
| 30. | 221736 | N.Manisha | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Kamavarapukota Mandal |
| 31. | 221737 | D.Sindhu Priya | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Pedavegi Mandal |
| 32. | 221738 | B.Dhana Lakshmi | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Bhimadolu Mandal |

| 33. | 221739 | N.Jones | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Bhimadolu Mandal |
|-----|--------|----------------|-------|--|
| 34. | 221740 | T.Sri Vyshanvi | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Buttayagudem Mandal |
| 35. | 221741 | S.Suddepika | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Pedavegi Mandal |
| 36. | 221742 | K.Sandhya Rani | I BZC | Farmers problems on regional crops in selected areas of Agriculture in Musunuru Mandal |

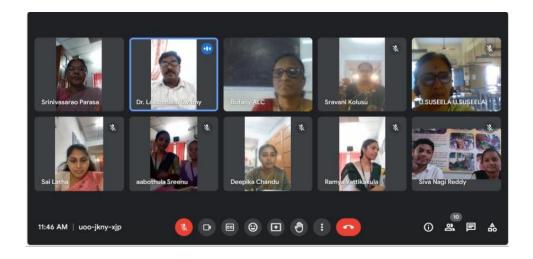
BOS attended:

1. 30th**January 2024: BOS meeting** – Dr. B.B.R.G.Vijaya Lakshmi attended BOS meeting as External Subject Expert at Sri Durga Malleswara Siddhartha Mahila Kalasala, Vijayawada.



BOS meeting Organized:

1. The Boards of Studies meeting in Botany was held on Tuesday 23.01.2024 at 11.00a.m. in the Department of Botany. Dr.B.Siva Kumari, HOD of Botany, Andhra Loyola College, Vijayawada as University Nominee, Mrs.U.Suseela, Lecturer in Botany, Sri Durga Malleswara Siddharatha Mahila Kalasala, Vijayawada as External subject expert. Dr. B.B.R.G. Vijaya Lakshmi, HOD of Botany was Botany Chair person, Mrs.G.Rani, Lecturer in Botany were internal subject experts and Ms.S.Iswarya II B.Sc. BZC, Sr.S.Aruna, II B.Sc. BZC were Student Representatives.



Extracurricular Activities:

1. 5th June 2023: World Environment day – Plantation programme – Management & Staff Council members - Botany department organized a plantation programme on the eve of World environment day. Rev.Dr.Sr.Mercy.P, Principal, Rev.Sr.Maria Christia, Vice Principal, Rev.Sr.M.Susheela, P.G.Director and Controller of Examination and all the Staff Council members planted 10 Water Apple plants in the College campus near the open stage and in Eco garden.





2. 5th **June 2023: World Environment day – Plantation Programme** – On the eve of Environment day III BZC students planted saplings at their homes to create awareness on environmental protection.



3. 28th July 2023: World Conservation Day - On the eve of World Conservation day Department of Botany and STC Eco-club organized an awareness programme on Nature conservation to III BZC students. Dr.A.Jyothirmayi, HOD of Chemistry, Dr.R.Indira, HOD of Zoology and Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany created an awareness about the importance and conservation of Biodiversity and its resources. Dr.Sr.Mercy.P, Principal gave message on Natural resources and enlightened students the about conservation methods.



4. August 2023 to February 2024: Theresian Organic Kitchen garden - a) Transplantation of vegetable saplings – Botany department along with II and III BZC students reestablished the Theresian Organic Kitchen garden near the community college at Ch.S.D.St.Theresa's College for Women (A), Eluru. The main aim of establishing Theresian organic kitchen garden is to produce the chemical free vegetables and to maintain high nutritional quality in vegetables. The kitchen garden

area is divided into plots. Students made each plot as furrows and ridges. Each row was allotted to each student of II and III BZC students. 130 Brinjal, tomato, chilli and cluster bean saplings were planted in the organic kitchen garden during morning hours for safe growth.III BZC students transplanted dwarf dolichos bean, Marigold, Lady's finger and creeping vegetable saplings like Bitter gourd, Ridge gourd and Bottle gourd in the Theresian Organic Kitchen. Students also sowed the seeds of French bean, Pumpkin on side of the kitchen garden. Botany faculty Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany, Mrs.G.Rani guided and help the students to put up today's programme.



b) Theresian Organic Kitchen Garden: Intercultural Operations – III BZC removed weeds in the Theresian Organic Kitchen garden. They sprayed Neem oil pesticide to control the pests on Brinjal plants. Botany faculty Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany, Mrs.G.Rani guided the students.





c) Theresian Organic Kitchen Garden:Harvesting of vegetables - III BZC students harvested and marketed cluster beans and Brinjal to staff. Principal Dr.Sr.Mercy.P, Vice Principal.Sr.Maria Christia congratulated botany faculty and students.



5. 9th August 2023: Puddling the Rice fields – III BZC students did puddling manually without the using of cultivators in Rice fields of St.Ann's convent for transplanting of black paddy crop. Students are actively involved in the puddling, enjoyed and learned the puddling techniques. Botany faculty Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany, Mrs.G.Rani encouraged the students to learn and practice the Agricultural techniques.







6. 1 **September 2023: Mushroom cultivation unit visit — Botany department organized a visit to III BZC students to Mushroom cultivation unit in our college campus maintained by Agriculture department. Mr.V.Siva Nagi Reddy, Agriculture faculty explained the process and cultivation techniques of Mushroom.



7. 14th September 2023: Visit to Microbial culture unit, Vatluru - Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany along with Dr.A.Padmavathi, HOD of Microbiology and Mr.Ravi Kumar, Agriculture faculty visited Biofertilizer unit or Microbila culture unit in Vatluru. They observed different cultures of microorganisms like Azatobacter, Azospirillum, VAM etc (12 varieties). Sri. Mullapudi Bapineedu garu, Progressive Organic farmer of Organic Farm explained about the process of microbial culture. They are also maintaining and practicing the macro-nutrients and micro-nutrients mixture units, Vermi water and mixed cropping patterns. Demonstration of all these activities are useful to take up as a start up programme.





8. 15th September 2023: Awareness on Environmentprotection - III BZC ward students created awareness on Environment protection through skit in the assemblybased on the relationship between the Environment protection and social Life. To create awareness among the students that how we are destroying our beautiful environment for our own needs. There is an critical and inseparable relationship between the environmental pollution and our social lives that affects us all. Environmental pollution, in its various forms, poses a significant threat to our social life. Poor air Quality, directly impacts our respiratory health. It leads to higher rates of Respiratory diseases, such as asthma and bronchitis, particularly among Vulnerable populations like children and the elderly. Poor water quality and water scarcity due to pollution. The well-being of our communities and the strength of our social bonds are deeply intertwined with the state of our environment. To protect our social fabric, we must take decisive actions to reduce pollution, mitigate climate change, and ensure equitable access to clean resources. Pollution is not only an environmental issue; it's a matter of our collective social health and future. Change starts from one like the saying "single drops can makes up an ocean and Your single and small action can save our whole ocean land and our planet earth.



9. 21st September 2023: Plantation Programme - Along with the STC Eco-club and Agriculture Departments, Botany department organized Plantation programme association with the NDBI bank, Sankalpatharu. 100 semi dwarf varieties of fruit yielding saplings like Cherry, Citrus, Litchi, Guava etc were planted in the Ecogarden near P.G block. Dr.Sr.Mercy.P, Principal, Sr.Maria Christia, Vice principal, Staff Council members, all the Department HOD's, Mr.M.Kalyan Chakravarthi, NDBI bank Manager, NDBI bank staff participated. Dr.R.Indira, Eco-club Coordinator, Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany, Mr.V.Siva Nagi Reddy, Faculty of Agriculture coordinated the programme. Agriculture, III BZC and CALT students are actively participated in the plantation programme.







10.2nd **October 2023: Attended to Mega Selfie Programme** – Mrs.G.Rani participated in "Meri mitti Meri desh" mega selfie programme along with NSS P.O's and students in the Alluri Seetha Ramaraju Stadium organized by Government officials.



11. 14th **October 2023:Interactive session** - Dr. Rouhi Dahia, Former Vice Chancellor, Jayoti Vidhyapeeth Women's University, Jaipur, Rajasthan interacted with III BZC students explained about scope, importance of Agriculture and the experiences of farmers in the Agriculture fields. She gave suggestions to Krupa Deepika, III BZC on Estimation of phyto-chemicals present in Malted and Unmalted Quinoa.



12. 28th October 2023: Mission fete - On the eve of mission fete Botany department along with Agriculture dept organized a snacks stalls 'Uggani Bajji', "Spicy orange" and game zone "Jolly round".





13. 12th **January 2024: Judge** –Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany acted as a judge to rangoli competition on the eve of Sankranthi Sambaralu organized by Centre for Women's Studies.



14. 29th **January 2024: Inter campus visit** - Dr.B.B.R.G.Vijaya Lakshmi, HOD of Botany visited the Inter campus, created awareness on carrier guidance, explained about the resources for education and highlights in the Degree campus to senior Bi.P.C and Vocational course students and encouraged them to join in the Degree campus.





15. 28th February 2024: National Science DayCelebrations - On the eve of National Science Day Botany department organized an exhibition on "Medicinal plants, Ecofriendly products". Herbal medicine raw materials were exhibited and explain the medicinal values to cure various diseases. Different varieties of medicinal plants, indoor plants including some rare plants were displayed. Different eco-friendly decorative models were also exhibited which are prepared by using plant parts and plant productswhich are prepared by BZC students. Different schools like St.Theresa's High school, Amalodbhavi School and St.Xavier school students visited the exhibition and gain the knowledge on medicinal plants, plant product models.











16. 21st March 2024: STC ECO - AGRI FEST:Department of Agriculture, BotanyandZoologycombinedlyarrangedanExhibitionon21.03.2024 at Ch.D.S.St.Theresas College for Women (A), Eluru. We invited Smt. K.Damayanti, IAS, Rtd, Principal Secretary to Governmentfor the inauguration of the stall. Byribbon cutting the chief guest Smt. K. Damayanti garu inaugurated the stall and visited all thestalls. Students welcomed the guests by offering the sweet chekarapongali which is made byusing the black rice which was grown by the own hands of students. Students displayed blackriceforsale,theyalsodisplayedseedlingsofBrinjalandBhendiseedsofvegetableslike cherryTomatoes,BlackTomatoes,BushyTomatoesandotherChillivarieties.Theyalsokept Castorcake,Neemcake,FYMandVermi-compostfor sale.









- 17. 27th March 2024: Subject Project Dept of Botany selected 9 II BZC students for Botany Subject project and finalized the topic as "Preparation of Ayurvedic Medicines".
- **18. 22**nd **April 2024: World Earth Day** Departments of Botany and Agriculture organized World Earth Day celebrations in the Media centre. Principal Dr.Sr.Mercy, Vice Principal Sr.Maria Christia and all the council members attended to the programme. Students created awareness on importance of earth and conservation methods to protect the earth in the form of panel discussion, dance and oath taking. Principal and all the faculty appreciated the students for their efforts towards the earth protection.



Future plans:

- 1. Production of Organic vegetables, seed extraction and raising nursery.
- 2. Creation of QR code for the museum specimens.