

ECO-CLUB

2013-2014

- Green audit was conducted on the campus to check carbon foot print of electricity, noise levels and transportation.
- Flora of the campus identified.
- Carried out an experiment on Effect of Different Soil Media on the growth of some agriculturally important crop plants.
- Herbal dyeing, tray gardening and Terrarium arrangement were explained to the students.
- Demonstrated Roof top garden and Key hole garden.
- Rain water harvesting by percolation pit and roof top harvesting were explained.
- Rainfall is measured by rain gauze.
- Vermicomposting, Heap style and Pit style composting done.
- Flowers, henna, fruits and vegetables grown on the campus sold.
- Xeriscaping was done with xerophytes.

2014-2015

- Replaced existing bulbs with LED bulbs on the campus with the concept of Change *a Bulb-change the world*.
- Arranged a workshop on *How to make Clay Idols of Lord Ganesha* to 200 students on 26th Aug, 2014.
- Eco-friendly Ganesha Idol making Competition and Exhibition were conducted on 27th Aug, 2014.
- Eco-friendly Ganesha Idol making workshop and exhibition for civilians were organized on 28th Aug, 2014.
- In response to the call of His Excellency, Sri Narendra Modi, Prime Minister of India, staff and students took an oath to maintain cleanliness and create awareness among people about cleanliness on 2nd Oct, 2014.

- Roof gardening was restarted by using vermicompost and compost prepared on the campus.

2015-2016

- Roof top garden was developed with compost and restarted on 24-07-2015.
- Flora & Fauna near Vundavalli caves were observed on 17-08-2015.
- Grass Species and Medicinal Plants were collected on the campus on 3-09-2015.
- A project on Garbage Enzyme was done on 15-09-2015 as part of Solid Waste Management.
- Students were trained to make Eco-friendly Ganesh Idols in collaboration with N.S.S. units of our college and sold them on 16-09-2015, the day before Vinayaka Chathurdi.
- Micro garden was started on 11-11-2015.
- Neem Cake, an effective pest repellent and fertilizer, was applied to the plants on 23-11-2015.
- Leafy vegetable beds were prepared on 23-11-2015.
- Garbage enzyme filtered and applied to the plants on 22-12-2015.
- Lippan Art Work and Rangavalli art work were exhibited in One – India programme organized by Siddhartha Academy of General and Technical Education on 25-01-2016.
- Mulching was carried out in Microgarden using sawdust and dry leaves on 19-01-2016.

2016-2017

- Bio- enzymes were prepared by using lemon and pineapple waste.
- Arranged a programme on ***Vanam- Kosam – Manam*** and planted 170 saplings in and around campus on 29/7/2016. A QUIZ competition was also conducted for the students.
- Conducted Inter-Collegiate ***Bio-Fashion Show*** on 16-09-2016 (i.e on Ozone Day) in association with Rotary Club of Vijayawada Mid Town, Vijayawada. 62 contestants participated in this programme.

- Seed Cards and Seed Bombs were introduced to students.
- Students secured II prize in CLIMATHON – 2K16 (A global competition) for innovative eco-friendly business idea. This competition was organized by Y- Square Incubator on 29-10-2016, in which 28 Engineering, Pharmacy, PG and UG colleges from A.P participated.

2017-2018

- Tomato, Brinjal, Capsicum, Chillies, Leafy Vegetables & Mari golds were planted in Roof Top Garden.
- Observed Flora and Fauna during a field trip to Kondapalli on 20-06-2017. Collected an epiphyte *Vanda* and planted it on a tree in Nutrition Garden.
- Seeds Swapping activity was done on 27-06-2017.
- Made Seed Balls, Seed Cards and distributed among the college students & staff on 05-07-2017.
- Seed Balls are thrown on Moghal Raj puram Hills & Yanamalakuduru Hills on 10-07-2017.
- Arranged a field trip to Exhibition on *Organic cum Nursery Expo* arranged by Govt. of Andhra Pradesh from 15th to 18th Aug, 2017.
- In Aug, 2017 students participated in filling the percolation pits.
- In Rangoli Competition held on 29-11-2017, V. Rajitha, I MSCS secured I prize, T. Harika, II FMB got II prize, D. Padma Sree, II MSCS won III prize, K. Naveenmai, I MECS secured consolation prize and T.Sree Lakshmi, III MECS got consolation prize.
- Installation Competition was held on 29-11-2017 and P. Sirisha, T. Dhana Lakshmi & K. Naga Harini, II FMC as a team secured I prize, Sk. Karishma & T. Malleswari, I MSCA as a team secured II prize.
- Wild Flora, Plant products & Endemic flora were collected from Maredumilli and Rampachodavaram forest area during a field trip on 2-12-2017.
- Bananas grown on the campus were sold in the Month of Dec, 2017.
- Vegetable saplings were distributed on 16-12-2017.

- Students participated in Innovative Live Science Project competition conducted by Gora Science Centre, VJA from 5-12-2017 to 7-12-2017. E. Priyanka, II BZC and P. Sindhu Manasa, I BZC as a team secured I prize.
- Students secured II, III and two consolation prizes in a Floral Rangoli Competition organized on the occasion of 36th National Rose Show organized by Vijayawada Municipal Corporation (VMC) in association with Haritha Priya Plant Lovers, VJA on 24-12-2017.
- S.Preethi & P. Sindhu Manasa, I BZC secured I prize for Innovative Live Science project competition conducted by T.J.P.S College, Guntur on 29-12-2017.

2018-2019

- Arranged a programme on ***Environmental Oath*** given by APJ Abdul Kalam, to spread awareness to protect Environment and to promote a culture of Environmental friendliness on 05-06-2018 and plantation was carried out on and off the campus.
- Carried out ***Segregation of Bio & Non-Biodegradable Waste*** on 18-06-2018 & 19-06-2018
- ***Cleared Debris from Percolation Pits*** on 23-06-2018 & 24-06-2018.
- Activities like ***Weeding, Sowing Seeds, Amending the Soil*** were carried out in Nutrition Garden on 02-07-2018 & 03-07-2018.
- ***Roof Top Garden*** was restarted on 9-7-2018 & 10-07-2018.
- Visited Polavaram Project and Pattiseema Ethipothala Padhakam, East Godavari District on 15-07-2018
- Started ***Composting Process*** on the campus on 16-7-2018.
- As part of ***Vanam- Manam*** Programme in association with Traffic Police in Vijayawada carried out ***Plantation on the campus*** on 28-07-2018.
- ***Harvested Bananas and Brinjal*** in the Nutrition Garden on 30-07-2018.
- Taken up ***Vegetative propagation of different Basil Species*** on the campus on 31-07-2018.
- On 6th & 7th Aug, 2018 Trellis for climbers were made.

- Observed and collected ***Flora and Fauna*** on the campus on 16-08-2018.
- Attended a two- day National Workshop on ***Experimental Approach on Vrikshaavarana*** conducted by the Department of Botany, P.B.Siddhartha College of Arts & Science, and Vijayawada on 17-08-2018.
- Plantation was done in Mulapadu Reserve Forest on 18-08-2018 observed fauna and collected Flora and native plants.
- Collected Pongam Fruits for making Oil Cake on 20-08-2018.
- Visited an exhibition ***Udyana*** organized by the Department of Horticulture, Govt. of Andhra Pradesh on 25-08-2018.
- Visited **SAFE ENVIRON** at Chinna Kakani, Guntur to observe Hospital Waste Management on 3-09-2018.
- Collected wild flora and visited crop fields to learn components of an Artificial Eco System on 3-09-2018.
- Visited Uppalapadu Bird Sanctuary at Guntur Range of Forest Department, Guntur Division and observed migratory Avi fauna on 03-09-2018.
- Participated in making of Clay Ganesha Workshop and demonstrated Clay Ganesha Idol Making on 12-09-2018.
- Organized Elocution Competition on ***Green Living*** on 12-09-2018.
- Used Neem Cake as many to the plants in Nutrition Garden and Roof Top Garden on 04-09-2018.
- Arranged a stall with innovative practices of Eco-Club on 20-09-2018 received a Certificate of Commendation from APSCHE. The Practice in Seed Library, Seed Balls, Hospital Waste Management, SWM, Photo display of Innovative Practices, Composting Model, Pamphlet Waste Burning, Bring Back Millets and the exhibit Garbage Enzyme received appreciation from the, then Hon'ble Chief Minister of Andhra Pradesh.
- On the occasion of Jnanabheri Knowledge Summit, organized by the State Government on 20-09-2018, Ch.R.R.N. Pravallika, II MSCA secured I place in PPT presentation on Swatcha Andhra Pradesh.
- Collected and observed different types of Mushrooms on the campus 3-10-2018.

- ***Rain Fall Measure Data*** was recorded from June to Sep-2018.
- ***Eco-friendly Bags*** were made with newspapers on 17-11-2018.
- Plantation was done around Buddha Statue on the campus of *Plumaria pudica* on 18-11-2018.
- Growing Non-conventional Leafy Vegetables started on 20-11-2018.
- Distributed Pamphlets on Organic Farming in Vijayawada city on 1-12-2018.
- In association with ICON Agro Ltd., organized a workshop and an awareness Programme on Organic Farming on 2-12-2018. Sri.Kollu Ravindra, Hon'ble Minister for Sports and Youth affairs graced the occasion. Pollution Reducing Plants in self-watering System, non-conventional leafy vegetables, and Integrated Mosquito Control in Eco-friendly manner were exhibited on the same day.
- Members of Eco-club secured II prize for the exhibits - Self-Watering System, Non-conventional Leafy Vegetables and Integrated Mosquito Control in eco-friendly manner in the exhibition organized by Gora Science Centre, Vijayawada on 7-12-2018.
- Eco-friendly Frame Objects were made by adopting recycling and generated revenue in FETE- 2018 on 29-12-2018.
- In association with MBS Urban Terrace created awareness to the public about Nutritional and Medicinal Value of Non-conventional leafy vegetables, Integrated Mosquito Control through Eco-friendly methods, Solid Waste Management and Indoor Pollution Reduction by plants Self-Watering System from 23-01-2019 to 27-01-2019.
- In the State Level competition conducted by Haritha Priya Plant Lovers Society and Rose Society of Andhra Pradesh in association with Vijayawada Municipal Corporation at P.W.D. Grounds, Vijayawada students of Eco-Club V. Pravallika & D. Lakshmi Prasanna, I BZC secured I prize in Solid Waste Management & T.N.V. Pravallika & G. Sri Lakshmi, II BZC secured II prize in News Paper up cycling on 25-01-2019.