

ENVIRO - CLUB

2015-2016

Enviro- club is functioning effectively with **300 students** registered as volunteers this year under the guidance of the Coordinator **Dr. P. Abirami**, Assistant Professor of **Botany** for **Aided** and **Mrs. G. K. Sukanya**, Assistant Professor of Corporate Secretaryship for self **Finance wing**.

Following are the activities of the Enviro - Club during the academic year 2015-2016

An **Orientation programme** was organized for the Enviro - Club members on 20.07.15. **Dr.M. Rajeswari**, Associate Professor and Head, Department of Botany addressed the students about the need to conserve nature. In order to create environmental awareness among the students a **Special Lecture** on “**RRR-(Reduce- Recycle - Reuse)**” was arranged on **25.07.2015**. In this meeting **Dr.Dr.P.Kumudha**, Associate Professor of Botany, VCW, Erode stressed the importance of reducing pollution, recycling and reuse of wastes.

To create an awareness towards plastic free environment **Anti-Plastic Campaign** was organized jointly with **Olirum Erodu Foundation** on **15.08.15**. In this campaign enviro club members distributed dustbins and bags to collect the plastic wastes separately at Thirunagar Colony, R.K.V Nagar, New State Bank Colony, Old State Bank Colony & O.M.R. Colony, Erode. On **25.08.15** the enviro club volunteers planted more than 100 tree saplings at **Tamil Choli**, Mugaipudur jointly with **Erode Cauvery Arima Sangam**.

To understand the importance of natural forest and its conservation, the volunteers were taken for **Biodiversity tour** to **Avalanche** and **Ooty** on **12.09.2015**. The **Ozone Day** was celebrated on **16.09.2015** by the club volunteers with the theme “**Ozone Layer Protection: The Mission Goes On**”. On that day the students created awareness about ozone layer with the placards and posters displayed in the many places in College campus.

In order to create awareness to conserve birds a **Special lecture** was arranged on **19.09.15**. In this lecture with the help of an art film **Mr. Bavin A. Shah**, Nature Conservationist, Coimbatore explained the need to conserve birds. On **26.09.15**, **Eco - Tour** to Kodaikanal was organized to create awareness towards the ecosystem. Enviro club volunteers attended **TNSCST, Chennai & NCSTC, New Delhi** in sponsored **One Day Seminar** on “**Awareness of**

Environment And Health” on 30.09.15 at Erode Sengunthar Engineering College.In connection with **84th birth anniversary** celebrations of Former President **Dr. A.P.J. Abdul Kalam**, Enviro club and Green Society observed **“Youth Awakening Day” on 15.10.15**. As a part of fulfilling Dr.Kalam’s dream of “a billion trees for a billion people” tree saplings were planted at **Sullipalayam and Veeranampalayam** of Erode District.

On **19.12.15** **Mr. K. Shanmugasundaram**, MD, Green field, Erode delivered a lecture on **“Roof gardening”**. In his lecture he explained how to construct roof garden at home with minimum expenses and stressed the importance of roof gardening .On **09.01.16** enviro club volunteers cleaned the **Medicinal Garden** and college campus. In order to prevent soil erosion along the river basin of **Nattadreeswarar temple**, on **30.01.16** **Tree plantation programmewas** organized. In this programme students have planted a variety of tree saplings at the kovil premises. On **23.01.2016**, Essay **Competition** on the topic **“Biofertilizer for Future Agriculture”** and on **27.02.2016**, **PPT Presentation** on **“Natural Disasters and their reasons”** was conducted to the enviro - club volunteers and the winners were awarded.

ACTIVITIES OF ENVIRO CLUB (2016 - 2017)

Co-ordinators: **Dr. S. Sharmila**, Assistant Professor in Botany
Mrs. K. Pavya, Assistant Professor in Computer Science (UG & PG),

Orientation Programme was organized for the members of Enviro-club on **29.07.2016**. **Dr. M. Rajeswari**, Associate Professor and Head, Department of Botany delivered an interesting and enlightening introductory speech on the topic “Mother Earth”. The extensive lecture was about planets in solar system, global warming, deforestation and environmental protection measures. The essence of Enviro-club which aims in protection of environment was emphasized in a lucid manner and motivated the members to participate in the activities organized by Enviro-club.

On **6th August 2016**, the Enviro-club of Vellalar College for Women had organized a guest lecture entitled **“Global burning”** for 121 Enviro-club members, instead of global warming. **Mr. R. Selvam**, Co-ordinator, **Tamilnadu Organic Farmers Federation, Pudunilavu Organic Farm, Arachalur** has addressed the students about global burning and gave an enlightening harangue about pollution and their impact on environment, ill effects of pesticides, chemical fertilizers, GMO crops and also stressed the importance of biopesticides, biorepellents, organic manures, organic foods and deforestation.

Enviro-club of Vellalar College for Women organized a tree plantation and cleaning programme on **20.08.2016 at Magudeeswarar Temple, Kodumudi**. The volunteers of the Enviro-club collected around 50 saplings in and around Erode District and planted the saplings in Magudeeswarar Temple, Kodumudi. The team also conducted the cleaning activity in the temple in the view of creating awareness among the people around Kodumudi union.

In order to create awareness about natural resources and agricultural products, the members of Enviro club from Vellalar College for Women, Erode were taken to **Pasumai Vikatan-Agri Expo-2016 at Erode on 9.9.2016**. Numerous varieties of seeds, eco-friendly techniques for agriculture were clearly demonstrated in each stall. Foods and vegetables grown in organic manner were also exhibited in the expo.

Dr. N. Jeyashanthi, Professor, Biomedical Engineering, Vellalar College of Engineering and Technology, Thindal delivered a guest lecture entitled “**Handling and Management of Biomedical Waste**” on **10th September 2016** organized by Enviro-club of Vellalar College for Women, Erode. Segregation of medical waste, categories of biomedical waste, colour coding and treatment methods was clearly explained during the lecture.

Enviro-club of Vellalar College for Women and Faculty of Marine Sciences, Annamalai University **jointly organized International coastal cleanup day programme on 17.09.2016** at **Centre of Advanced study in Marine Biology**, Annamalai University, Parangipettai, Chidambaram. Inaugural function started with the welcome address by **Professor K. Kathiresan**, Dean & Director, Faculty of Marine Sciences, Centre of Advanced study in Marine Biology, Annamalai University, Parangipettai. The resource persons viz., **Dr. Deiveegan**, NSS Programme Officer, Engineering Department, Annamalai University, Chidambaram, **T.S. Vishwanathan**, Rotary Club, Cuddalore, **Dr. S. Sharmila**, Assistant Professor, PG and Research Department of Botany, Vellalar College for Women, Erode, **Dr. P. Anantharaman**, Associate Professor, Marine Biology Department, Annamalai University, Parangipettai gave lecture about Environmental issues, protection measures, disaster management and lecture regarding the importance of mangrove forest in coastal areas were delivered by Professor K. Kathiresan, Annamalai University. The **cleaning activities** were carried out at **Annan Kovil Coast**, the coastal area near Parangipettai. The student volunteers cleaned the coastal regions and disposed the collected wastes. Also visited Marine biology Museum and artificially created man made mangroves in **Vellar estuaries, Parangipettai**. In view of understanding the importance of mangroves, we went to

Pichavaram. The students were taken through boat to deep mangrove forest located in coastal area of Pichavaram.

The Enviro-club of Vellalar College for Women has organized a **one day Training Programme** on the topic “**Apiculture Techniques**” on **15.10.2016 at Kasi Thottam, Karavalasu, Sivagiri**. The Enviro-club student volunteers have participated in this programme. **Mr. A. Dhandayuthapani, Trainer of ADP Apiary** has trained the enviro club students on honey bee culture techniques and maintenance of honey bee colonies. He also narrated the future prospects of apiculture which is thought to be very simple but a complicated business and eco-friendly technology which can contribute positively and increases the agricultural production.

Enviro-club of Vellalar College for Women organized a **cleaning programme at Vellode Birds Sanctuary, Vellode on 31.12.2016**. The volunteers of the Enviro-club team conducted the cleaning activity in the Vellode Birds Sanctuary in the view of creating awareness among people in the surrounding areas. The visit was organized and supported by the Ranger, Vellode Birds Sanctuary, who helped us in visiting and cleaning the entire region.

To understand the importance of natural forests and its conservation, the Enviro club volunteers were taken for Biodiversity tour to **Avalanche and Ooty on 04.02.2017**. The members of enviro club gathered knowledge about different types of vegetation, climatic conditions, origin of river, traditional knowledge of tribes (Toda) and importance of deforestation.

ACTIVITIES OF ENVIRO CLUB (2017 - 2018)

The activities of Enviro-club from 2017 – 2018 have been meticulously planned and implemented effectively. The activities are given below:

2017 – 2018

Co-ordinators : **Dr. S. Sharmila**, Assistant Professor in Botany.
K.Pavya, Assistant Professor in Computer Science
[UG&PG][Un-aided]

S. No.	Date	Name of the Activity	Name of the Chief Guest	Details of Beneficiaries
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1.	19.08.2017	Orientation Programme	Dr. A. Mohan Kumar, Assistant Professor of Zoology and NSS Officer, Chikkanna Government Arts College, Tirupur	Enviro-club students
2.	26.08.2017	Training Program on “Seed ball Preparation from different kinds of Seeds”	Enviro-club Co-ordinators	Enviro-club students
3.	31.08.2017 & 1.9.2017	Eco visit to Coorg & Mysore	-	Enviro-club students
4.	23.09.2017	Farm visit to Jains irrigation & Eco Trip to Thirumoorthy Falls, Udumelpet	-	Enviro-club students
5	16.12.2017	Cleaning Program & Seed ball Plow in bare lands, Ganapathipalayam	-	Enviro-club students
6.	30.12.2017	Health visit to SKM Siddha and Ayurvedha Company, Saminathapuram & Kosalai, Savadipalayam	-	Enviro-club students
7.	24.02.2018	Guest Lecture on “Rain water harvesting and Water Management“	Dr.S. Paulsamy, Associate Professor & Head (Rt.), Department of Botany, Dean, Academic and R&D, Kongunadu Arts and Science College, Coimbatore.	Enviro-club students

BRIEF REPORT (2017 - 2018)

1. ORIENTATION PROGRAMME

The dictum of Enviro club Orientation Programme in initial level is to encourage the students to participate more and more in societal activities enthusiastically. In this aspect, a programme was organized for the members of Enviro-club on 19.08.2017. The Guest speaker Dr. A. Mohan Kumar, Assistant Professor of Zoology and NSS Officer, Chikkanna Government Arts College, Tirupur delivered an interesting and enlightening introductory speech on the topic “Solid Waste Management”. The entry level programme mainly focused

about non Bio-degradable wastes and its hazards and recycling methods of degradable wastes. He also explained about how the bio degradable wastes are converted into compost by using earthworms. Finally he motivated the students to develop organic manure pit in College campus which was used to grow plants in an organic manner and insisted how it is to be maintained by enviro club volunteers. The members of Enviro-club are motivated to participate in the activities organized by Enviro-club.

2. TRAINING PROGRAM ON “SEED BALL PREPARATION FROM DIFFERENT KINDS OF SEEDS”

On 26th August 2017, the Enviro-club of Vellalar College for Women had organized a Training Program entitled “Seed Ball preparation from Different kinds of Seeds”. The earth balls preparation are a great permaculture technique for growing seed in a more simple and effective way. Each seed ball contains a mini ecosystem and the dried outer clay acts as a protective casing from common seed predators. When sufficient rain permeates the clay, the seeds inside begin to germinate - helped along by the nutrients and minerals contained within the balls. In order to emphasize the importance of growing plants, the Enviro club co-ordinators gave training to Enviro-club volunteers of Botany and other disciplines. In this programme for about 200 students are participated and prepared seed balls - the methodology of natural farming with the materials like fresh cowdung, clay soil, red soil and many seeds like neem seeds, tamarind seeds, pomegranate seeds etc., to conserve plants. Further, this training will enable the students to grow plants with seed balls by investing less time and money than traditional seed sowing techniques.

3. ECO VISIT TO COORG & MYSORE

An important tourism destination the Kodagu, also known as Coorg, is a rural district in the southwest Indian state of Karnataka. The area is spread over 4102 sq km. It is famous mainly for its austere sights with various vegetation, varied wildlife, world-class coffee and the Kodavas, the ethnic warrior people of Coorg. In recent years, the place has been gaining popularity as one of the most-visited tourist destinations in India. To understand the importance of natural forests and its conservation, the Enviro club volunteers were taken for Eco visit to Coorg on 31.08.2017 & 1.09.2017. The members of enviro club gathered knowledge about different types of vegetation, climatic conditions, ethnic culture and importance of deforestation.

4. FARM VISIT TO JAINS IRRIGATION & ECO TRIP TO THIRUMOORTHY FALLS, UDUMELPET

The Enviro club of Vellalar College for Women has organized farm visit to Jain Irrigation System Ltd. on 23.09.17 often known as JISL located in Udumalpet. Dr. Sundar Singh, Chief Agronomist has explained about the history of Jain irrigation system Ltd., He told that at first it was started in 1963 in Maharashtra and now it spread to all over the world. In the farm house many varieties of plants are cultivated using the drip irrigation system. Dr. Gobreal Manogar, a scientist in tissue culture unit was spoken about the varieties of banana and pomegranate cultivated in tissue culture lab and then how it is transplanted in main field. The drip irrigation engineer Mr. Sivakumar lively explained about type of drip irrigation and how it is working. In farm house mostly cultivating *Mangifera indica*, *Citrus* sp., and *Punica granatum* latter they are exported to various places. On the same day, cleaning activities were carried out at Amaravathi Dam and Thirumoorthy falls near Udumalpet. The enviro club volunteers cleaned the wastes like plastic papers and polythene bags from the water bodies and finally disposed the collected wastes.

5. CLEANING PROGRAM & SEED BALL PLOW IN BARE LANDS, GANAPATHIPALAYAM

Enviro-club of Vellalar College for Women organized a cleaning programme and seed ball plow on 16.12.2017. A technique of planting trees by embedding organic seed balls in the ground, seed bombing is gaining popularity in many Indian cities. The volunteers of the Enviro-club team conducted the cleaning and seed ball plowing at Ganapathipalayam in the view of creating awareness among people in the surrounding areas and also mobilize the students for creating forestation.

6. HEALTH VISIT TO SKM SIDDHA AND AYURVEDHA COMPANY, SAMINATHAPURAM & KOSALAI, SAVADIPALAYAM

The Enviro-club volunteers of Vellalar College for Women were taken to SKM Siddha and Ayurvedha Company Ltd., Saminathapuram on 30.12.2017. Mr. M. Visvanath, Manager-QC gave a brief explanation about siddha, ayurvedha and unani products manufactured by using herbal plants, seeds and oils. He delivered a visual explanation about Chooranam (powder), Capsules and Thailam (Oil) preparation. In the SKM medicinal garden,

the medicinally important plants like *Aloe barbadenses*, *Solanum* sp., *Lippia nodiflora*, *Murraya koengii*, *Citrus*, *Embllica officinalis*, *Punica granatum*, Thaalām poo, Nochi, *Mangifera indica*, *Adathoda vasica* are mostly cultivated. The cultivated plants are harvested and dried in shed at 100°C. Then the production of medicines are done in the distillation room by various methods and stored in separate room for few days and they are packed for sale. On the same day students visited Cosalai near to SKM Company. In Cosalai there are different breeds of cows were maintained.

7. GUEST LECTURE ON RAIN WATER HARVESTING AND WATER MANAGEMENT

On 24th February 2018, the Enviro-club of Vellalar College for Women had organized a Guest lecture program entitled “Rainwater harvesting and water management” for 200 Enviro-club members. Dr.S. Paulsamy, Associate Professor & Head (Rt.), Department of Botany, Dean, Academic and R&D, Kongunadu Arts and Science College, Coimbatore had addressed the students and gave enlightening speech about rain water harvesting methods. The Enviro-club volunteers had an interactive session with the chief guest and clarified their doubts. Finally prominence on recycling methods was demonstrated with practical applications. Students were fortunate to hear such an edifying speech.

ACTIVITIES OF ENVIRO CLUB (2018- 2019)

Co-ordinators: **Dr. G.JAYANTHI**, Assistant Professor in Botany
Dr. S.POONGODI, Assistant Professor, in Commerce (SF)

The dictum of Enviro club Orientation Programme in initial level is to encourage the students to participate more and more in societal activities enthusiastically. An awareness campaign on “**Open Defecation Free**” was organized by **Enviro Club on 22nd August 2018** at **Sengodampalayam** (adopted village) and **Govt. Higher secondary School (Sengodampalayam)**. Group of **50 Enviro Club** volunteers visited the **Govt. Higher secondary School (Sengodampalayam)**. The school students and the villagers were implant that how open defecation affecting the environment, how it creates major health risk and the dangers of open defecation by explaining them. In order to reduce the menace of *open defecation* the people were instructed to raise individual toilets by using the funding given by

the Government. About **119** school children and **395** villagers were benefitted by this programme.

“Hygiene in surrounding area” was organized by **Enviro Club on 18th September 2018** at **Sengodampalayam area**. **25 Enviro Club** volunteers cleaned the wastes like plastic papers and polythene bags from the water bodies and finally disposed the collected wastes. On the same day, awareness was given to the people by explaining the disadvantages of untidy environment. And also they collected the undegradable waste in the surrounding area. Volunteers elucidated the diseases that cause due to the unhealthy environment and also they mainly spotted the importance of RRR (Reduce, Reuse and Recycle). The entry level programme mainly focused about non Bio-degradable wastes and its hazards and recycling methods of degradable wastes. About 98 peoples were benefitted by this programme.

On 12th February 2019, the Enviro-club organized a Guest lecture program entitled **“Think Green Go Green”** for 90 Enviro-club members. **Dr. S. Saravanambigadevi, Associate Professor, Department of Commerce, Vellalar College for Women (Autonomous), Erode** had addressed the students and gave enlightening speech about impacts of non-biodegradable waste and ban on plastic by the Government of Tamil nadu. The Enviro-club volunteers had an interactive session with the chief guest and clarified their doubts. Finally prominence on recycling methods were explained through short films. Students were fortunate to hear such an intellectual speech.

We organized a Special meeting on **“YOU AND YOUR ENVIRONMENT”** on 20.02.2019 for Enviro Club students. **Dr. P. Parimaladevi**, Associate Professor & Head, Department of E-Commerce, Vellalar College for Women (Autonomous), Erode, served as resource person. She spoke about Green auditing and Green Building to the student community and her speech was inspiring. She also laid emphasis on the fact that more awareness needs to be raised towards environment.

To refresh the members of Enviro club from the routine activity and to inculcate a sense of eco-awareness among the students **Drawing competition** was conducted on 20.02.2019.

ENVIRO CLUB ACTIVITIES 2019-2020

An **Orientation programme** was organized for the Enviro - Club members on **18.08.2019**. **Dr. G. Jayanthi**, Assistant Professor of Botany (Enviro club co-ordinator)

addressed the students of Enviro club. In this meeting stressed the importance of reducing pollution, recycling and reuse of wastes. She also explained about how the bio degradable wastes are converted into compost by using earthworms. Finally she motivated the students to develop organic manure pit in College campus which was used to grow plants in an organic manner and insisted how it is to be maintained by Enviro club volunteers. The members of Enviro-club are motivated to participate in the activities organized by Enviro-club.

The **Ozone Day** was celebrated on **16.09.2019** by the club volunteers with the theme “**Ozone Layer Protection: The Mission goes on**”. On that day the students created awareness about ozone layer with the placards and posters displayed in the College campus.

Enviro-club of Vellalar College for Women organized a tree plantation and cleaning programme on **27.09.2019** at Vellalar College for Women Campus. The volunteers of the Enviro-club planted around 100 saplings in the campus. The team also conducted the cleaning activity in the campus in the view of creating awareness among the students.

The Biodiversity conservation week was celebrated in our college campus with the mission towards the saving of flora and fauna on **09.10.2019**. As a part, 10 tree saplings were planted in our college campus and our secretary Thiru. **S. D. Chandrasekar** and Principal **Dr. N. Maragatham** inaugurated the programme by planting the first tree sapling in the college campus. The District Forest Officer of Erode acted as special Guest and had addressed the students and gave enlightening speech about conservation of Biodiversity. The Enviro-club volunteers had an interactive session with the chief guest and clarified their doubts. Finally prominence on recycling methods was demonstrated with practical applications. Students were fortunate to hear such an edifying speech.

We organized a Special meeting on “**Hygiene and Health**” on **12.12.2019** for Enviro Club students. **Ms. S. Maheshwari**, Assistant Professor, Department of Commerce (CA), Vellalar College for Women (Autonomous), Erode. She had addressed the student about prevent the disease and lead to good health, especially cleanliness, proper disposal of waste water and usage of drinking water. This activity was to improve and preserve, maintain good health.

On **09.01.2020** enviro club volunteers cleaned the **Medicinal Garden** and college campus. To understand the importance of medicinal plants and its conservation. The members of Enviro-club were motivated to grow medicinal plants in their home also.

On **31.01.2020**, the Enviro-club organized a Guest lecture program on “**Plastic Awareness**” for 90 Enviro-club members **Dr. V. Thilagavathi**, Associate Professor, Department of Commerce (CA), Vellalar College for Women (Autonomous), Erode. She had addressed the students and gave enlightening speech about impacts of non-biodegradable waste and ban on plastic by the Government of Tamil nadu. The Enviro-club volunteers had an interactive session with the chief guest and clarified their doubts. Finally prominence on recycling methods were explained through short films. Students were fortunate to hear such an intellectual speech.

We organized a Special meeting on “**Water management system**” on **10.02.2020** for Enviro Club students. **Dr. S. Saravanamigadevi**, Associate Professor, Department of Commerce, Vellalar College for Women (Autonomous), Erode, served as resource person. She spoke about water resources, water forms and distribution to the student community and her speech was valuable to the environment.

We organized a Special meeting on “**You and Your Environment**” on **26.02.2020** for Enviro Club students. **Dr. P. Parimaladevi**, Associate Professor & Head, Department of E-Commerce, Vellalar College for Women (Autonomous), Erode, served as resource person. She spoke about Green auditing and Green Building to the student community and her speech was inspiring. She also laid emphasis on the fact that more awareness needs to be raised towards environment.

ENVIRO CLUB

(2020- 2021)

Co-ordinators: Dr. C. CHITRA VADIVU, Assistant Professor in Botany

Dr. S. POONGODI, Associate Professor & Head in Commerce CA (SF)

- Dr.V.Balakrishnan, Assistant Professor, PG and Research Department of Botany, Arignar Anna Government Arts College, Namakkal, explicitly gave an eloquent lecture through webinar on 05.06.2020 under the topic “**Biodiversity and Conservation towards climate change**”. He explained about the balanced ecosystem of the earth and appealed to protect the most robust areas of biodiversity and also highlighted the impact of biodiversity conservation on climate change which is the need for the hour in the current scenario.

- Adding to the ecstasy of much hiked Golden Jubilee celebrations of our college, an online Quiz Competition from 05.06.2020 to 07.06.2020 to raise awareness on environmental issues and encourage action to protect our world and environment. There was an overwhelming response with a total of 2775 participants across the country including 4 from Pakistan and 1 from China. The main focus of this event was to keep our mind busy during these unusual times of necessary isolation
- A webinar programme was organized on 31.07.2020 for World Nature Conservation Day. Dr.B.Mythili Ganamangai Assistant Professor, Department of Biotechnology, K. S. Rangasamy College of Technology, Thiruchengode delivered the admirable speech on the topic of **“Biodiversity conservation through 3R and social Forestry”**. An enthusiastic awareness was created among the participants.
- Dr.G.M. Alagu Lakshmanan, Associate Professor, Department of Botany, Thiru Kolanjiappar Government Arts College, Virudhachalam delivered a lecture on the topic of “Ozone layer – Nature’s Gift” on the occasion of Ozone Day celebrations on 16.09.2020. The speaker gave a brainstorming session on the concepts of Ozone layer and its depletion and its consequences to the earth and humans in detail.
- A planting programme was organized for planting herbs at Medicinal Garden in College campus for enlightening the traditional medicinal plants and human health. Herbal plants consist more than 60 per cent of the medicinal values.
- The Navagraha Garden viz., “Vellalar Navagraha Vatika” was established by Enviro Club jointly with PG and Research Department of Botany within the campus and an inauguration was held on 19.02.2021. Navagraha Vatika is used to get the power of Navagraha, protects the vastu from the malefic effects of 9 planets and remove vastu dosha. Because of the consecrated thoughts, it has been installed nearby the Vinayagar temple.
- The International Forest Day was celebrated on 22.03.2021 and a programme was also organized on that day to accentuate the importance of planting trees for the global impact in future and to sensitize the concept of thinking globally and act locally.

