St. Ann's College for Women

(Autonomous), Affiliated to Osmania University Accredited by NAAC with  $A^+$  Grade (3<sup>rd</sup> cycle), CPE by UGC

# Mehdipatnam, Hyderabad.





# **CRITERION – VII** Institutional Values and Best Practices

7.1.5 Green campus initiatives

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## 7.1.5 Supporting Document

#### Green initiatives @ Eco club level

#### 2020-21

#### Eco club level

The need for sustainable development is a key to the future of mankind. No citizen of earth can afford to be ignorant of burning environmental issues like pollution, loss of forests, solid waste disposal, and degradation of environment, global warming, and loss of biodiversity. It is now the need of the hour that we have a clear understanding of environmental concerns and is necessary to follow sustainable developmental practices.

Keeping this in view Courses on Science and Environment, Environment Management, Environment Education have been introduced into the curriculum

We encourage and Conduct Survey projects on Environmental issues

Undertake Research projects on Environmental problems

#### Increase Collaborations and Networking with NGOs & Organizations like WWF

Environment Education is an Ability Enhancement course offered as Co-Curricular Activity program to first year students for two semesters on a choice basis.

This is a activity based course which encourages student participation in organizing as well participating in events such as plantation drives, cleanliness drives, Nature walks, Rallies, recycling activities, composting, promoting eco-friendly products, celebrating festivals in eco-friendly ways, creating awareness by way of organizing camps, essay writing competitions, quiz, debate, observing Eco calendar.



Inspite of the Covid 19 Pandemic, these courses were made available to our students in online mode. One and half hour online sessions weekly were organised through Google Meet Platform.

#### The course included sessions on

Paper bag making,

Sanitary pad disposal pouch making,

Plastic waste management, Upcycling plastic and e-waste sessions,

Demonstration of Kitchen waste composting in bins, pots and cardboards,

Sessions on Climate change Global warming

Session on Eco friendly alternatives to pesticides and cleaning agents

Session on Air purifiers and how to achieve Carbon neutrality

Menstrual waste management and awareness on Biodegradable alternatives

#### **Invited talks on Conservation**

1. Eco sensitivity and our role on Conservation Guest lecture organized on the eve of World Forests Day and World Water Day 19 March2021 in collaboration with Green Paw



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**2.Conservation efforts to mitigate the Climate Change**" by Dharani Eco club of St.Ann's College, Hyderabad & Green Paw April 30th 2021 online meet.

Resource person : Sri Chakra Pranav, Marine Biologist ECCT & program Manager for Green Paw

April 30th 2021 online meet.

3 PM to 3:15 PM – Introduction

3:15 to 3:30 PM - Views of students on Climate crisis

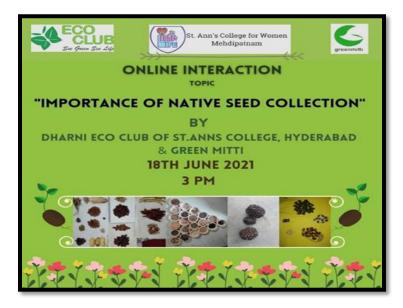
3:30 to 4:00 PM - Importance of Nature conservation and its role in mitigation of Climate Change (PPT and photos)

4:00 to 4:30 PM - Short Documentary projection, Waterbowl challenge and QA



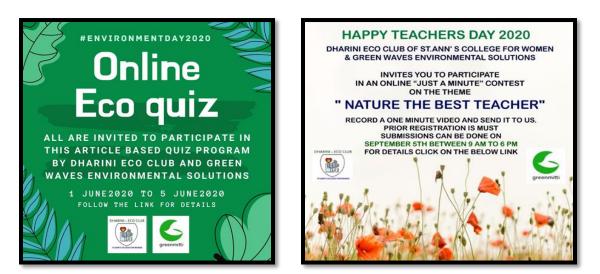
3.Importance of Native seed collection to conserve the planet" by Dharani Eco club of St.Anns College, Hyderabad & Green Mitti June 18th 2021 online meet.





National level events organized

**1. National level Article based Online Eco quiz** program by Dharini Eco Club and Green Waves Environmental Solutions on the eve of World Environment Day 2020. Organised from 1st June to 5th June 2020.Participants 800 Plus



**2.Event National level Pictorial Quiz Programme** in view of creating awareness on Environmental Health Day celebrated on Sep 26 2020 Organised by Dharini Eco Club &Green Mitti of Green Waves Environmental Solutions

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**3.National Level Online Just A Minute Contest** on the theme "Nature the Best Teacher" On September 5<sup>th</sup> 2020

#### Activities conducted for Environment Education students

1Slogan writing Activity Earth Day 2021 and Poster Making Activity were conducted for Environment education students on Theme of the year "Eco restoration "80 Plus students actively participated in the event after a talk on Significance of Earth Day celebrations. April 23,2021

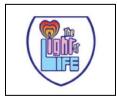
2.Know your Plastic Footprint Activity: After an orientation on Plastic waste management, "Know Your Plastic Footprint Activity was conducted for Environment Education students on April23 2021

3. Quiz on Global Warming and Climate change

4. Food Waste Awareness Survey was conducted to create awareness on food wastage problem in our country

5. Green Mitti Interactive session July 2,2020 Organised online Meet for Internship students and certified them after a evaluation activity on learnt concepts. Students were trained in different modules like seed ball making, upcycling plastic waste, organic farming etc

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#### Session on Biodegradable Sanitary Pads Date : 26-03-2021 Venue: St Ann's College Quadrangle Event:Awareness on Biodegradable Sanitary Pads/Menstrual Hygiene Report:

According to the latest National Family and Health Survey 4 data, 58 percent of women in the age group of 15-24 years in India use a hygienic method to deal with menstruation. As per a 2011 market research survey , only 12 percent of India's women used sanitary napkins. Despite the low number, the implications in terms of menstrual waste management is crippling. These end up in landfills and ultimately in the hands of sanitation workers who face the risk of catching infections and other diseases from the exposure. Reusable and biodegradable pads offer a respite from this problem. But reusable pads come with their own issues.

As a part of creating awareness on Biodegradable sanitary pads Eco club on March26,2021, organised an awareness sesion on Menstrual Hygiene and waste management ,disposal of sanitary pads, eco friendly alternatives available to avoid plastic napkins hazards both to women using them and to the environment



Eco Club facilitates sale of Biodegradable Sanitary Pads to our students through our Health center and also during Covid time, online purchase and availability details were shared with faculty and students.

Plastic Waste Management Date: Venue: St. Ann's College For Women Agenda: Making creative art pieces using Plastic Bottles Done by: Eco club volunteers and CCA EE students



Approximately 100 million plastic bottles are used and discarded everyday, with 80% of them simply becoming non-biodegradable litter, the trash that is accumulated in the process takes a huge toll on our environment. Plastic material have a significant carbon footprint, also the plastic we use in our daily life takes over 100's of years to bio-degrade and produces toxic fumes. Therefore in order to create awareness of recycling and repurposing of plastic Dharani ECO club conducted an activity "Plastic Bottle Crafts" where in the students of Environment Education were asked to prepare some creative and useful things out of used plastic bottles. All the Students took part in the event by upcylcing some of the plastic products . The participants shared their views saying that they have got to learn something creative through this event. Students prepared various creative and useful things like Pen holders, Cell phone stands etc.

#### **Paper Bag Making Activity**

Date: February 2021

Venue: Online Google meet

#### Agenda: Paper Bag Making

Done by: Eco club volunteers and CCA EE students

Paper Bags are highly biodegradable and recyclable, and hence does not pose the same environmental footprint as plastic bags do. compared to plastic bags, paper bags are safe and environmentally friendly. Paper bags can be made either with virgin or recycled fibres to meet specific requirements. They are commonly used as shopping carrier bags and packaging for some goods. These bags carry a wide range of products from groceries, clothing, books, electronics and various other goods

**Newspaper bag Making/Sanitary pad pouch making was demonstrated to** Eco club and Environment Education students by Jessica Ruth to create awareness among students to avoid plastic bags Also students were taught to make sanitary pad disposal pouch using newspapers, to dispose of used pads properly.

As a part Continuous Internal Assessment (CIA I) Paper bag making activity was conducted where in the students were asked to prepare minimum 5 bags each using different kinds of paper like newspaper, Magazines and calendar's etc. students were assessed by there creativity and on time submission.

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#### **Pot Painting Activity**

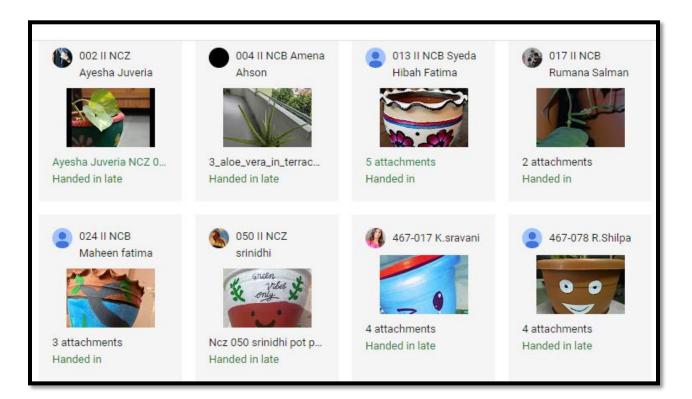
Date: March 2021 Venue: Online Google Meet

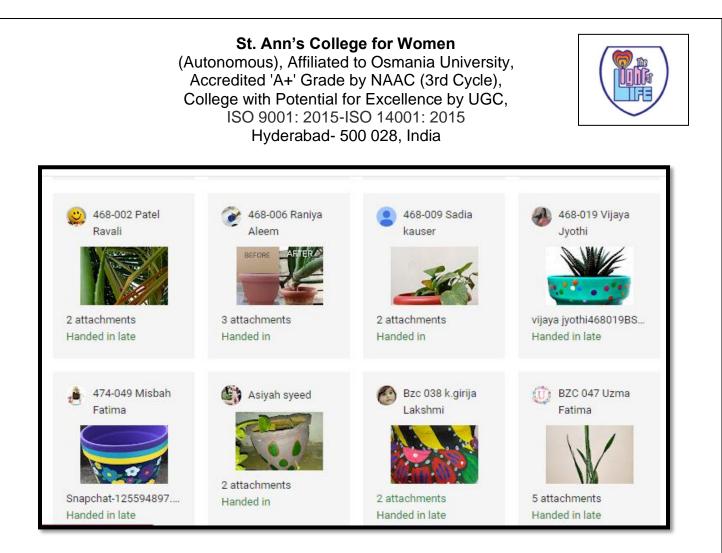
#### Agenda: Pot Painting

Done by: Eco club volunteers and CCA EE students

Painted flower pots make cute and beautiful hand made gifts. It is an easy and inexpensive way to dress up the garden as well as a thoughtful way to personalise a Flower pot. There are so many possibilities in which pots can be painted in a creative way. The pots hold up well for years with only minimal fading, even outdoors. Terra- cotta pots look beautiful when they are painted rather than plastic pots.

Environmental Education students were asked to paint the mud pots with some Environmental Consciousness thought and they were assessed by their unique and colourful messages.





#### **Kitchen Waste Composting:**

Date: 19-01-21 Venue: St.Ann's College For Women -Online Google meet Agenda: **Kitchen Waste Composting:** Done by: Eco club volunteers and CCA EE students

Composting is simply the process of breaking down the organic matter (food waste) in the presence of air and water, using micro organisms and small insects present in nature. The end product is called compost which is rich in readily usable plant nutrients forming a part of healthy soil. Kitchen compost bin can be used to recycle kitchen waste. Composting helps you to get rid of and recycle organic waste such as kitchen scraps, and yard waste such as grass trimmings and leaves. The same can be used to grow plants instead of being thrown away. Compost can replenish and stabilize soil, helping to boost and sustain food production in the future. It can also help pull carbon out of the atmosphere, helping to tackle global warming, and replace polluting chemical fertilizers, protecting public health.

Kitchen waste composting session has been conducted to create awareness on waste management among students and to make them understand how to handle waste in a proper way so that it can reduce the landfills there by promoting environmental consciousness and to reduce pollution.

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#### **Slogan Writing and Poster Making Competition:**

Date: 23-04-21

Venue: St.Ann's College For Women

Agenda: Slogan Writing and Poster Making Competition on account of Earth Day Celebrations

Done by: Eco club volunteers and CCA EE students

On account of World Earth day on 22<sup>nd</sup> April 2021 Eco Club Conducted Slogan Writing and Poster Making competition was conducted. All the students of Environment Education course enthusiastically participated in the events and prepared colourful posters and meaningful slogans on the given topic. on Theme of the year "Eco restoration "80 Plus students actively participated in the event after a talk on Significance of Earth Day celebrations.







**Quiz on Know Your Plastic Foot print:** Date: 23-07-21 Venue: St.Ann's College For Women Agenda: **Quiz on Know Your Plastic Foot print** Done by: Eco club volunteers and CCA EE students

Plastic footprint is how much plastic you contribute to the world's plastic waste. This can include the plastic that you consume as well as the plastic that you produce. Reducing plastic footprint isn't easy. Plastics are an incredibly useful material, and we've yet to find a substitute that's as cheap to produce and as practical as plastic is. As a world community, our ultimate goal is to have fewer plastics to eliminate, and the only way to achieve that is to reduce our plastic footprint as much as possible. Plastic waste is a huge issue, and it's only growing. As individuals, we need to pay attention to our plastic footprints and come up with ways to reduce them. It's not just good for business, but it's also essential for the future of our world.

To create Consciousness on the plastic waste and to know how it is polluting our environment a simple Quizwas conducted with the theme -**"Know your Plastic Foot print"** were in questions



related to usage of plastic in daily life were asked and points were allotted depending up how much of plastic wastage is generated by an individual

**Eco sensitivity and our role on Conservation Guest lecture** organised on the eve of World Forests Day and World Water Day 19 March2021 in collaboration with Green Paw

Date :22-03-21

Resource person: Resource person: Sri Chakra Pranav, Marine Biologist ECCT & program Manager for Green Paw



**Projects** completed by Environment Education students during the year

- 1. Project on Glass Bottle painting on environment Problem and solution
- 2. Preparation of Handmade paper
- 3. Preparation of natural colors and Natural Sanitizers
- 4. Plastic bottle crafts

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- 5. E waste management
- 6. Bird Watching and painting
- 7. Kitchen waste composting
- 8. Biodegradable sanitary pads -Instagram stories

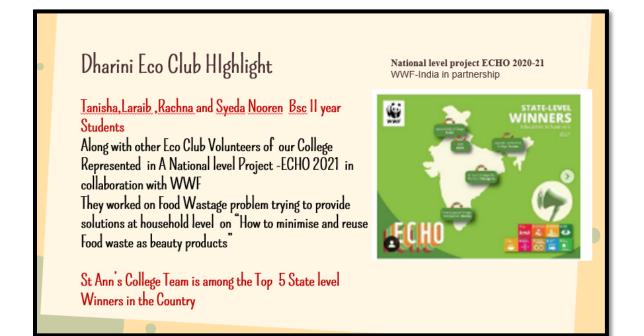
#### ECHO 2021 National Level Project Activities

- 1. A Brief out session for ECHO Volunteers on 15th Feb 2021
- 2. An Interactive Session to level up the project
- 3. Webinar on Food Wastage and How to Tackle it- April 9<sup>th</sup>2021 For around 300 students as participants)
- 4. Instagram, YouTube channel and twitter account created to share the e content created on food waste converted to beauty products
- Poster Making Competition organized on topic Food waste management for students of St. Ann's by ECHO team under the Project activities
- 6. Along with other Eco Club Volunteers of our College Represented in A National level Project -ECHO 2021 in collaboration with WWF They worked on Food Wastage problem trying to provide solutions at household level on "How to minimise and reuse Food waste as beauty products"
- 7. St Ann's College Team was among the Top 5 State level Winners in the Country



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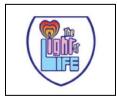
#### Eco friendly alternatives: A session on Bioenzymes, Biofertilisers was organised for Environment Education students



Students participated in Earth Day Quiz organised by Green paw

- 1. Uzma Fatima BZC 047
- 2. Santhoshi gcm 021.
- 3. Pooja solanki B. COM computer
- 4. K.vinisha bcom business analytics .
- 5. syeda farhana BA plp 002
- 6. Ayesha Juveria BSc NCZ 002
- 7. Manal NayeemBA PLP 120420263003
- 8. SAFIA 014 FOREIGN TRADES
- 9. zoha fatima BA plp 012
- 10. Srividya mecs
- 11. MCB 28Shwetha
- 12. Y.Sai divya MCZ 010
- 13. 1 mcb 04 sofia bwgum
- 14. JLP 019 ruchitha
- 15. Bhuvaneshwari pep022
- 16. R.Shilpa 1MSCS 078
- 17. Syeda husna Shakeel MCB 15
- 18. Kulkarni Sejal EE
- 19. Kulkarni Sejal Sudhir BZC 52
- 20. Sadia Ahmed PLP 006
- 21. : Madihat fatima BA EPP 011 -
- 22. R20D074 Deekshitha -
- 23. : PLP 340 Amena Alam -

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- 24. : PEP-020 Omamah
- 25. Shagufta mateen R20E056
- 26. Kaunain iram R20E040
- 27. Mehraj begum R20C010
- 28. K. S.SRIYA B.COM BUSINESS ANALYTICS SECTION E 120420409050

Students participated in a **Workshop Zero wate Menstrual Hygiene** How are sanitary napkins harmful to the environment? And do they overwhelm the landfills further?

this workshop to learn about other zero waste alternatives such as menstrual cups and cloth pads. This workshop opened new avenues into the world of Zero-Waste Menstrual Hygiene that will make periods safe for you and the environment.



This **#WorldOceansDay**, let's celebrate the wonders of our exhilarating oceans Engage in thought-provoking conversations & a super exciting quiz this **#BlueDay** Join the growing wave of citizens involved in turning the tide on plastics and making our oceans

clean and blue again

Date: 8th June at 4:00 PM IST

**Food Waste Awareness Survey** so that we know the major problem of food waste in our country.

https://forms.gle/uem34Pcnhp6w4ddv9

Link for the survey



#### **Green Campus Initiatives @Departments -Report**

Department of Biotechnology-Hazardous wastes are disposed off separately by following the bio safety rules, e- Waste that is generated is deposited in the department ICT, Students of I BBC Conducted an awareness drive on Medicinal plants in and around the neighborhood.



**The Botany Department** carried out the Tree Plantation- at Bahadurpally village, Dundigal led by Mrs. Roja.



**Department of Microbiology** 



Innovations & Best Practices were the top priority of the Microbiology department they made Efforts for Energy Conservation and took better control of Hazardous Waste Management, included Plantation and Use of ICT

**The Nutrition Department** followed. Lots of e-content in the classroom teaching is used and students are encouraged to use the e-platform instead of using hard copies and the unused print outs are reused for rough work, Steel bottles are used instead of plastic bottles for drinking water. As part of the green initiative, green greetings are presented to honor the invited speaker in various online events, the Grow Your Veggies Campaign was organized to promote kitchen gardening by the Nutrition department. Department is working with the ICT center to spread environment consciousness and awareness regarding dangers of e-waste and participating in their e-waste management program by collecting electronic waste.



**Department of Physics and Electronics** made a big ethical impact by educating other on the awareness on Menstrual Cups, The departmental notices are being sent through emails, Google classrooms to all the students ,The newsletter is posted on departmental blog online , Online Feedback Mechanism ,Online Quiz using Google forms ,The invitation for various departmental activities like Intercollegiate competitions, National Workshop to faculty and students of other colleges is done digitally through social networking media like WhatsApp, email, Facebook etc.



**The Department of History** was very cautious about energy conservation. All the fans and lights were switched off when the students were leaving the classrooms

**Department of Political Science**: organized a session on How to help Animals and the Environment In collaboration with Hyderabad Animal Save & Hyderabad Climate Save. This programme was a great success as more than 300 students participated and realized the importance of adopting pets. Lokakshemam Foundation NGO & Department of Political Science organized Plant it Yourself and an E quiz to give knowledge on Plants and Ecosystem on Sep20, 2020. It was a leisure activity and brought about a positive response.

The Department of Public administration organized "planting for tomorrows environment" and also participated in few programmes like "Haritha haram" to increase awareness among the people.





#### **Department of Commerce**

Due to challenging times of the pandemic the Department of Commerce Green initiatives were restricted to creating awareness drives on environment consciousness

- The consumer awareness cell organized sustainable management video making competition
- As part of International consumer day events the cell organized poster competition on environment protection

**Department of Business Management** (UG) has taken the initiative **#Green Challenge** @St. *Ann* 'to bring people together towards a more greener and sustainable cause which benefits

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everyone through "#Green Challenge@St.Ann's "by nominating staff and students for the green challenge.

**"#Green Challenge** @ St.Ann's" was organized on 25<sup>th</sup> August 2020 for the faculty and students as a part of environmental consciousness.

Rules of the Challenge:

- Plant one sapling and take a selfie and share it in your social media by nominating any TWO of your friends.
- > Send the selfies to bbm.stanns@gmail.com.
- Now just planting is not enough but protecting and caring is also vital. So after two weeks again take a selfie with the planted sapling and send it to bbm.stanns@gmail.com

#### Link address:

Facebook: https://www.facebook.com/Green-BBM-2020-109531044213769/?ti=as Instagram: greenchallenge.bbm@gmail.com

Outcome:

Majority of the faculty and students of students accepted the green challenge and participated with utmost zeal and enthusiasm, which was like a refreshing activity in the period of pandemic

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All the Departments of UG and PG conducted digital classes throughout the year in COVID-19 Situation.

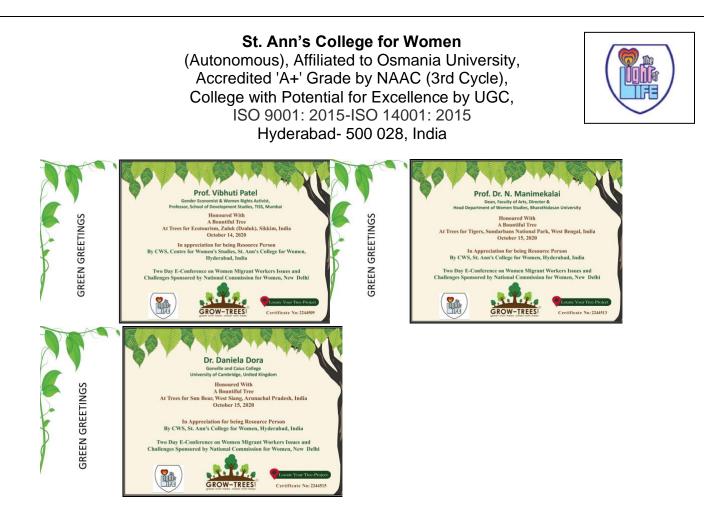
**The Department of Commerce (PG)** has encouraged students to conduct primary data collection through Google Forms. An attempt made to minimize the usage of paper.

**The Department of Commerce** (PG) reuses the papers of question paper, projects submitted by the students for various purposes such as sending notices, communication of monthly shortage of attendance to the students

**"VAN MAHOTSAV WEEK"** (1/07/2020- 07/07/2020: St.Ann's NSS in order to encourage students to plant a sapling organized an green e-initiative of planting, several students & lecturers participated in this green e-initiative and made it a huge success.

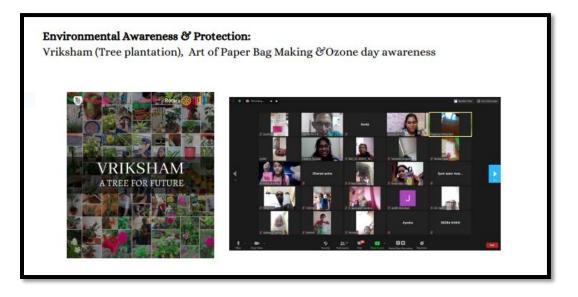
**Center For Women Studies** Donated 8 Bountiful Tree to Ecotourism, Zuluk (Dzaluk), Sikkim; Sundarbans National Park, West Bengal; Trees for Sun Bears, West Siang, Arunachal Pradesh; India trough Grow Trees on 14th Oct, 2020. <u>https://www.grow-trees.com</u>





#### The Outreach unit of the college organized the following -

Environmental Awareness & Protection: Vriksham (Tree plantation), Art of Paper Bag Making, Ozone day awareness



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#### BOTANY

Video Contest on "Positive Impact of Lockdown on Environment" was held between 15th May 2020-25th May 2021. It encouraged young people to view the flip side of Covid with environment as a learning ground.



# NATIONAL SERVICE SCHEME

With NSS volunteers numbering one hundred and ninety one (a magical number!) representing a cross-section of the college; it was an eventful year. The key to its success being collaboration and networking.

Vanamahotsav Week 1st July- 7th July2020:

St. Ann's NSS in order to encourage students to plant a sapling organized a green e-initiative of planting, several students & lecturers participated in this green e-initiative and made it a huge success.





#### ZOOLOGY

E-poster competition on effect of covid -19 on animals was held on 3rd June Slogan writing competition- "FIGHT THE BITE" was organised from 26th October to 3rd November 2020

Essay writing competition on "INNOVATIVE METHODS OF MOSQUITO CONTROL AND PREVENTION" was held from 26th October to 3rd November 2020 encouraging awareness on mosquitoes menace was the buzz word!

Digital Album making competition was organised on 1st March 2021.

Model Making Competition on Mangroves of Coringa & Krishna River was conducted on 15th March 2021

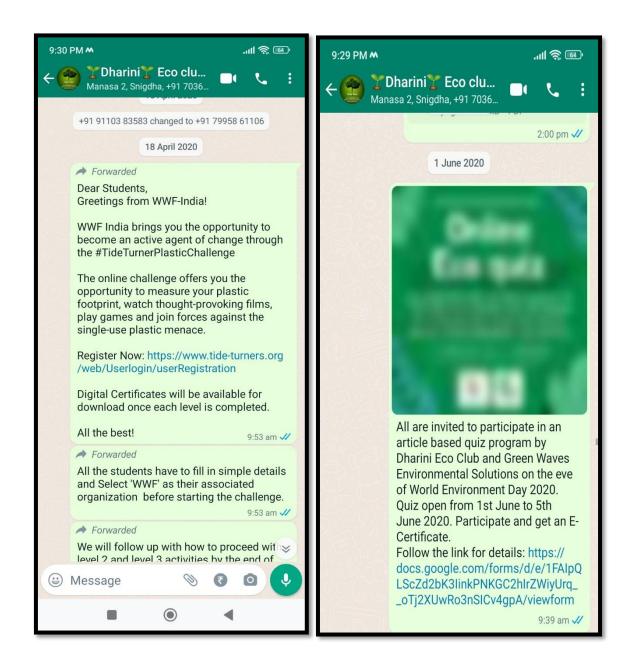


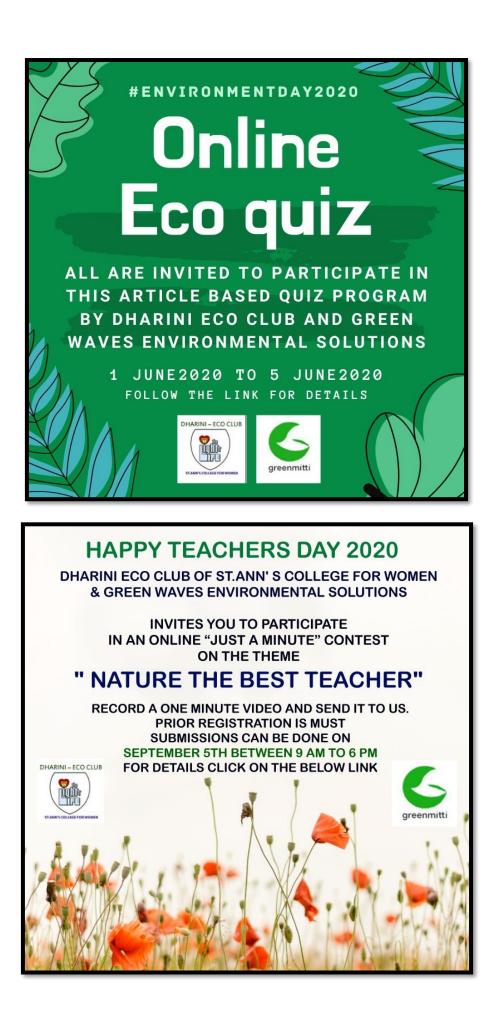


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Principal St. Ann's College For Women (Autonomous) Mehdipatnam, Hyderabad-28

#### Year 2020-21 Brochures and Notices





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**Dharini Eco clu...** Manasa 2, Snigdha, +91 7036...



Dharini Eco club of St.Ann' s College For Women and Green Mitti Invites you to Participate in Online Just A Minute Contest on the theme " Nature The Best Teacher" Record a one minute video and send it to us. Submissions can be done on September 5 between 9 am to 6 pm with Prior Registration process in the link. Participate and get an E-Certificate.

Follow the link for details:https:// forms.gle/HaRKMjdS9meXGnUq7

3:21 pm 🖊

3:51 pm 🗸

ecodharni.gwes@gmail.com 3:51 pm 🗸

👆 send videos to this mail







🍸 Dharini 🍸 Eco clu...



Dharini Eco club of St.Ann' s College For Women and Green Mitti

Invites you to Participate in Online Picture based Eco Quiz on the eve of "World Environmental Health Day" 26 September 2020. Participate and get an E-Certificate.

Follow the link for details: https: //forms.gle/JgH5D3c5qELiBf8F9

10:57 am 🗸

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