

St. Ann's College for Women

(Autonomous), Affiliated to Osmania University
Accredited by NAAC with A⁺ Grade (3rd cycle), CPE by UGC

Mehdipatnam, Hyderabad.



CRITERION – VII

Institutional Values and Best Practices

7.1.6 Quality audits on environment and energy are regularly undertaken by the institution.

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Report on environmental promotion and sustainability activities conducted beyond the campus

2019-20

Plastic Free Hyderabad Campaign

Eco club volunteers participated in News Paper Bag Making Workshop and Poster Making Competition on the Theme “Beat Plastic Pollution organised at Sanjeevaya Park by Dhruvansh NGO in collaboration with US High Commission on June 15, 2019.



Plastic Free Hyderabad Campaign

Upcycling of Plastic and E waste Workshop In JNTU on 18th September, 2019; Manasa and group of Eco volunteers coordinated the workshop along with Green Waves.

3. Survey Programme titled “Ek Prithvi” organized in Government School in Collaboration with WWF From September 25 to 28th 2019 by Eco club & NSS

WWF India, is one of the country's largest conservation organizations conducting Environmental Education programmes aimed at raising public awareness on conservation issues. Increasingly, programmes are aimed at building green capacity in educational institutions with teachers, youth and school children; the aim is to generate a cadre of conservation-conscious and motivated citizens who

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may play role in promoting environmentally sustainable lifestyles. Ek Prithvi is a Conservation Leadership Programme in Hyderabad schools, for which our students volunteered to conduct a survey programme in four Government schools from Sep 25 th 28,per day for 5 hours .10 Students participated as Volunteers for this programme.

5 Students of BBC Final Year have organized an awareness Campaign on “Menstrual Waste Management” in the College Campus. The Target Groups for the awareness are the Students of Eco-club and NGO Management on 7 August 2019 and NSS Students on 5 September 2019.Similar campaign was also organised in a Government school in Mehdipatnam.

The campaign deals with creating awareness on Menstrual Hygiene practices through charts, posters, pamphlets made by the volunteers. Also Videos were screened .The main focus of this awareness is to make aware the girl students about the eco- friendly alternatives available which can be practiced to prevent or avoid environmental pollution caused by the menstrual waste.

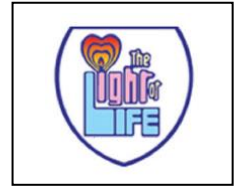
Donate a Pad programme on 28 January 2020, Donate a Pad programme in Government School organized by Eco Club, NSS & Outreach in collaborations with Apna Green Products to promote ecofriendly sustainable lifestyle among girlchild studying in Government schools

Tide Turners Plastic Challenge 2020

Tide turners plastic challenge was initiated on 05-03-2020 wherein 60-70 students and 9 students championed the challenge

The champions of Tide turner's Plastic Challenge also represented our college at National Youth Summit 2020 where the renowned speakers were a part of this program and

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encouraged the young generation to take care of this planet which was overwhelming.

UN environment
United Nations
Environment Programme

THE YOUNG LEADERS PLASTIC CHALLENGE

clean seas

Government of India
Ministry of Environment, Forest & Climate Change

National Youth Summit - Tide Turners Plastic Challenge 2020

<p>Dr. Jane Goodall, DBE Founder - The Jane Goodall Institute, UN Messenger of Peace</p>	<p>Atul Bagai Head of Country Office, UNEP-India</p>	<p>Ricky Kej Grammy Award Winner, Music Composer & Environmentalist</p>	<p>Dia Mirza Actor, Producer, UN Environment Goodwill Ambassador, United Nations Secretary-General Advocate for SDGs</p>	<p>Sonika Manandhar UNEP Young Champion of the Earth, Co-founder, Aelbi Technologies Pvt. Ltd</p>	<p>Rohan Chakravarty Conservation Cartoonist, Creator of 'Green Humour'</p>
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WWF 50 YEARS IN INDIA

CEE
Centre for Environment Education

MILLION SPARKS FOUNDATION

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St. Ann's College students of Eco club and Outreach / Rotaract Club are winners of Round Table Competition organised by St. Joseph college on February 24, 2020

The British Deputy High Commission, Hyderabad hosted a roundtable for college students on 24 February (Monday) from 2 pm onwards around the theme of 'Climate Change' as part of a series of events planned for this year in the Telugu states, ahead of the COP26 Summit to be held in

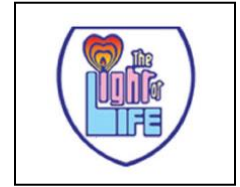
Glasgow, UK in November 2020. This programme was organized as part of Chevening Alumni funded activity titled 'Chevening Conversations'.



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Volunteering for Chiguru Event

On 15-12-19 December, Chiguru event was organized by Youth For Seva At Pallavi International School Gandipet, Ranagareddy District. 39 Eco club volunteers took part in this event by volunteering in organizing 15 different competitions during the event.



Chiguru Event

NSS

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180 NSS Volunteers participated in the Rally on open defecation free society- observance of swacha pakwada on 08/08/2019

విద్యార్థులకు పట్టాలు ప్రధానం చేశారు.

పరిశుభ్ర సమాజాన్ని కాంక్షిస్తూ..

ర్యాలీలో విద్యార్థులు, ఉపాధ్యాయులు

బహిరంగ మల, మూత్రరహిత సమాజాన్ని కాంక్షిస్తూ సెయింట్ ఆన్స్ మహిళా కళాశాల విద్యార్థినులు శనివారం అవగాహన ర్యాలీ నిర్వహించారు. మెహిదీపట్నం, మెహిదీపట్నం ప్రధాన రహదారి, సంతోషనగర్ కాలనీ, అంజేళ్ళు-నగర్ బస్ స్టేషన్ గుండా ర్యాలీ కొనసాగింది.

- మ్యానీటూడే, మెహిదీపట్నం

స్వచ్ఛభారత్ ర్యాలీ

నాంపల్లి నియోజకవర్గం మెహిదీపట్నం డివిజన్ లో స్వచ్ఛ భారత్ పక్షే త్వవాలలో భాగంగా సెయింట్ ఆన్స్ మహిళా కళాశాల విద్యార్థినులు ర్యాలీని నిర్వహించారు. ఈ సందర్భంగా విద్యార్థినులు ప్రజలకు స్వచ్ఛత పై అవగాహన కల్పిస్తూ బహిరంగ మల విస్తర్తన అనే అంశంపై చైతన్యం కల్పించారు.

-మెహిదీపట్నం

Rally On Swachh Bharath

180 NSS Volunteers participated in the Swatch Bharath Rally 05/09/2019

35/52

కెమెరాలపై ఫోటోను సెట్ చేసి అవగాహన కార్యక్రమం నిర్వహించారు. ఈ కార్యక్రమంలో బస్ స్టేషన్ల కంకర, సీసీ కెమెరాల బస్ స్టేషన్ల బాబురావు, సాయిశాన్ కదితరులు పాల్గొన్నారు - జియోగూడ

స్వచ్ఛ భారత్ కార్యక్రమంలో భాగంగా పాఠశాల మెహిదీపట్నంలో సెయింట్ ఆన్స్ కళాశాల ఎన్ఎస్ఎస్ విద్యార్థినులు ర్యాలీ నిర్వహించారు. ఈ ర్యాలీలో స్వచ్ఛ భారత్, పరిశుభ్రతపై ప్రజలకు విద్యార్థినులు అవగాహన కల్పించారు.

-మెహిదీపట్నం



Visit to karunalayam. Also, Budvel-Cleaning and Gardening Activity

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58 NSS Volunteers volunteered at the Karunayalm on for the whole day on 12/02/2020 carrying out several activities such as cleaning, gardening and interacting with the mentally challenged inmates of the karunalayam. Also donated 9,562 rupees to the Karunalayam collected through the food stall organized in the college



Karunalayam Ashram, Budvel

Department of Botany

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To sensitize students on the importance of Biodiversity and its conservation, the department conducted an awareness programme at Sri Chaitanya High School, Santosh nagar Colony, Mehdiapatnam on 31st August 2019.



Field Trips

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A field trip was organized for BSc III Year RCZ and BZC, GCZ students to “**Mahavir Harina Vanasthali National Park**”, Hyderabad on 10th January, 2020.



Field trip to MAHAVIR HARINA VANASTHALI NATIONAL PARK

A Field trip was organized for BSc I Year RCZ and BZC, GCZ students to “**Nehru Zoological Park**”, Hyderabad on 4th January 2020.



FIELD TRIP TO NEHRU ZOOLOGICAL PARK, HYDERABAD

Publications by faculty on Environment related issues

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Zooplanktons as bioindicators of pollution in fresh water lakes of Hyderabad

Authors: Dr. Tasneem Jahan, Dr. K. Tabassum

Keywords : zooplanktons, bioindicators, foldscope, pollution.

Abstract :

Water quality in tropical reservoirs can be indicated by using specific species of cyclopoid as indicators. In this review, the concept behind Bioindicators and plankton, with particular emphasis on their potential to be used as Bioindicators for water quality assessment. The zooplankton were identified to genus or species level under a foldscope.

Introduction :

Bioindicators are living organisms such as plants, planktons, animals, and microbes, which are utilized to screen the health of the natural ecosystem in the environment. They are used for assessing environmental health and biogeographic changes taking place in the environment. Each organic entity inside a biological system provides an indication regarding the health of its surroundings such as plankton responding rapidly to changes taking place in the surrounding environment and serving as an important biomarker for assessing the quality of water as well as an indicator of water pollution.

Since planktons are profoundly sensitive to natural change they are best markers of water quality and particularly lake conditions. One of the reasons planktons are being considered in lakes is to monitor the water quality of the lake when there are high centralizations of phosphorus and nitrogen; these centralizations may be indicated by certain planktons reproducing at an increased rate. This is evidence of poor water quality that may influence other organisms living in the water body. In addition to being a health indicator, planktons are also the fundamental sustenance for many larger organisms in the lake. Thus the plankton is key to the aquatic organisms, as both an indicator of water quality and as the main food source for many fishes. (Thakur et al. 2013).

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ECOLOGICAL STUDY REPORT ON MUSI RIVER

Deepthimahanthi.Divya¹, R.Mahima², Tabassum Khan³

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3. Student, Department of Zoology, St. Anns College for Women, Hyderabad, India

Abstract: *It is the tributary of Krishna River in the Deccan Plateau which flows through the state of Telangana. It was known as Muchukunda River in earlier days. Hyderabad stands on the bank of this river which divides the city between the old and the new. The river originates in Ananthagiri Hills near Vikarabad. The Purana Pul is the oldest bridge over the river in Hyderabad. Himayat Sagar and Osman Sagar are the two dams which are constructed over the river. It rises in the Ananthagiri hill in Ranga Reddy district. Vikarabad is the birthplace of Musi. The Purana Pul was constructed in 1579 A.D.during the reign of Ibrahim Qutub Shah. On 28 September 908, Musi River was the reason for the devastating floods in Hyderabad.*

Key words: Musi River, Pollution, Floods, Degradation

Introduction:

There is hardly any water flowing into the Musi. The water flows downstream very quickly during rainy seasons. Water can be seen only at the kath was or at the reservoir at Suryapet. Whatever the water that is found in the riverbed in the form of a small stream is actually the sewage /drainage from Hyderabad city. Large parts of the urban area do not have underground sewer systems. Either the settlements have septic tanks which are not the preferred system of disposal from a long term perspective or the sewer lines are combined with the storm water lines. Thus many natural storm water drains have been actually carrying domestic sewage into the river. Several villages downstream of the city along the Musi irrigate their fields with the water (ie. a cocktail of industrial effluents plus domestic sewage) from

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Paper presentations by Faculty & students

Mrs. D. Divya Faculty Dept of Zoology presented a paper on

Case study on effects of plastic waste on animals at a National Conference on “Environment, Biodiversity, Climate Change and Human Health” at Nizam college Hyderabad on 2-09-2019.

Tabassum khan BSc III year (GCZ) Attended a National Conference on “Environment, Biodiversity, Climate Change and Human Health”. awarded II prize .

B.Harshini BA, HEP II Presented a paper in the International Conference on the topic “Major Issues Regarding Climate Change and Environment” organized by School of International Relations and Politics,(Mahatma Gandhi University), Maulana Abdul Kalam Azad Intitute Asian Studies Kolkata, Institute for Contemporary Chinese Studies UGC, Institute of Parliamentary Affairs, Kerala 19th – 20th Dec. 2019

SAHHARA Outreach Unit of College organized Hygiene & Water Conservation Awareness Activity -Knowledge on Importance of Hand Hygiene & methods of water conservation at individual level among students on Aug 8 2019 at Telangana Social Welfare School for Girls

Awareness on conservation of Nature

Awareness on conservation of Nature, Wild Life, Documentary Screening: Dhvani volunteers, an NGO run by the Department of Political Science participated in the awareness walk on conservation of nature on 2nd October, 2019 at Nehru Zoological Park, Hyderabad.

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Awareness Programme on “Eco Friendly Ganesh Idols”: Dhvani Volunteers took part in the programme and helped in organizing a competition in spreading awareness of making Ganesh Idols eco friendly at Telangana Pollution Control Board and JawaharBalbhavan at Public Gardens, Hyderabad

Promoting awareness on the conservation of Tigers: Dhvani volunteers took part in an awareness walk organized by an NGO, STARS at Nehru Zoological Park, Hyderabad on 19th July, 2019 as a part of International Tiger Day.

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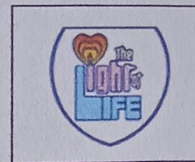
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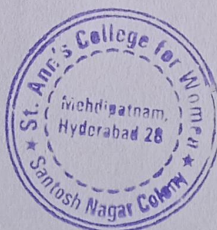
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Department of Botany A field trip was organized on 26th August, 2019 to Dhulapally forest for II year B.Sc Botany students. Around Fifty students participated in the trip where they had an opportunity to explore the flora of the forest.



[Handwritten Signature]

Principal
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