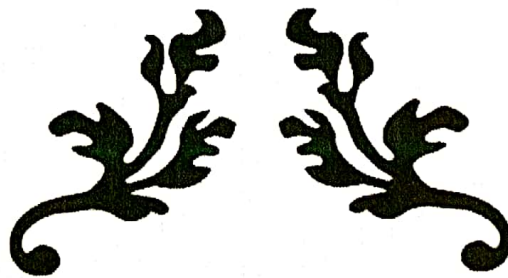




GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



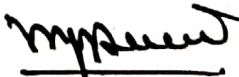
ECO CLUB GSCGNR
Preserving the colours of nature



ECO-CLUB: ANNUAL REPORT 2022-23

The Botany Department




Principal
Government Science College
Sector-15, Gandhinagar.



GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



Eco Club monitoring Committee Members

1. Dr. Pragna Prajapati (Chairman) - *Pragna*
2. Dr. R. N. Maru (Co-Chairman) *Dr. chetna V. shah* *shah*
3. Dr. Binniy Karlikar *B.K. Karlikar*
4. Dr. Pooja Sharma *Pooja*
5. Mrs. Heena Arya *Heena*
6. Shri. Varnil Pandor *Varnil*
7. Shri Karan Kubavat *Karan*

Pragna

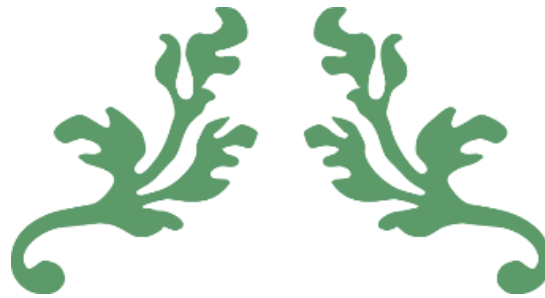
Chairman
Pipal Eco Club
Government Science College,
Gandhinagar

[Signature]

Head
Department of Botany
Govt. Science College, Gandhinagar

[Signature]

Principal
Govt. Science College
Gandhinagar



ECO-CLUB: ANNUAL REPORT 2022-23

The Botany Department





GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



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GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



Vision

Eco Club of Government Science College, Gandhinagar will be one of the best research and development community in the city for taking efforts in the preservation of local flora and fauna.

Mission

- To admire and identify the beauty of flora and fauna and empowering students for a preservation of it.
- To empower students for a green economy.
- To generate empathy for the flora and fauna of nature and to act in accordance.
- To endure a mindset to prioritise conservation of natural resources over monetary benefits.
- To intellectually develop sustainable solutions for preserving nature in harmony with the development undertaken by the society.
- To understand the medicinal and materialistic value of plant life.
- To take paramount steps in vitalizing endangered species.
- To actively involve and organise guest lectures, seminars, workshops on ecological issues and advancements.
- To motivate the students for cleanliness of forest reserves of the city.
- To leave behind a green and clean legacy for the upcoming participants of the club.
- To celebrate various days like world environment day, world ozone day and earth day etc., to spread environmental awareness among the citizens.



GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



Activity. No.	Date	Event	Programme
1	05/06/2022	Environment Day Celebration	Making Seedball and Plantation Programme at Aranya Park, Gandhinagar
2	17/07/2022	“Feets on Street” A Step towards Sustainable Future	Students attended Programme at Rang Manch, Sector-22, Gandhinagar.
3	27/07/2022	Plantation Programme at College	Eco club and NSS and ABVP Students Organized Plantation Programme at College
4	28/07/2022	“International Nature Conservation Day” Celebration	Eco club and NSS Students have participated “We say no Plastic” programme at bus Stop, Gandhinagar.
5	29/07/2022	“International Tiger Day” Celebration	Drawing Competition have arranged at college on “Save Tiger”
6	10/08/2022	“World Lion Day” Celebration	Quiz on Lion has arranged at college.
7	12/08/2022	Van Mahotsav – Taluka level	GSC Gandhinagar
8	30/08/2022	“Eco Friendly Ganesha Idol Making”	“Eco Friendly Ganesha Idol Making” Competition Organized by Eco Club and Department of Botany.
9	06/09/2022	International Seminar on “Some State-of-the-Art Practices in Biological Science.	At. Gujarat Arts and Science College, Ahmedabad



GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



10	21/09/2022	Slogan Competition on Environment and Biodiversity	Slogan Competition under Climate change Youth outreach Programme organized by Department of Botany and Eco Club
11	02/10/2022	Wild life Week Celebration	Students Opinion about Wild life and Nature Conservation
12	03/10/2022	Wild life Week Celebration	Quiz on Biodiversity
13	04/10/2022	Wild life Week Celebration	Bird Watching Programme at Indroda Nature Park, GEER Foundation, Gandhinagar
14	05/10/2022	Wild life Week Celebration	Online Drawing Competition on Wild life Conservation
15	06/10/2022	Wild life Week Celebration	Students attended guest lecture on “Snake Bite Awareness” at Indroda Nature Park, GEER Foundation, Gandhinagar
16	07/10/2022	Wild life Week Celebration	Essay Competition on Wild life of Gujarat.
17	08/10/2022	Wild life Week Celebration	Elocution Competition “Forest of our Best friends”.
18	11/10/2022	Wild life Week Celebration	Certificate given by Vanshree trust and Forest Department, Vanchana, Sector-30, Gandhinagar to winners in Drawing Competition held in GSC College.
19	14/02/2023	Kitchen garden and Apiculture Programme	At Capital Nursery, Sector-8 Gandhinagar. Organized by Pipal Eco Club, Botany Dept. and Urban Horticulture Development Centre, Gandhinagar



GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



20	15/02/2023	Eco Club Project Work on World Wild Life Day	At GSC, Gandhinagar
21	03/03/2023	Celebration by Poster Making Event	At GSC, Gandhinagar
22	20/03/2023	World Sparrow Day Celebration	At GSC, Gandhinagar
23	21/03/2023	World Forest Day Celebration	At GSC, Gandhinagar
24	22/03/2023	World Water Day Celebration	At GSC, Gandhinagar
25	27/03/2023	Terrarium Plants and Seed Making By Students	At GSC, Gandhinagar
26	28-29-03- 2023	Organic Workshop	At Aranya Udyan, GEER Foundation, Indroda Park, Gandhinagar
27	22/04/2023	“International Earth Day” Celebration	At Indroda park, GEER Foundation, Gandhinagar



Activity-1

World Environment Day Celebration

Date: 05/06/2022

The World Environment Day celebrated, on 5th June 2022, the Geer foundation organized an awareness program at Aranya Udyan, Shahpur-Basan Road, Gandhinagar. The Students of Eco Club and Department of Botany, Government Science College, Gandhinagar have attended this program by permission of Hone. Principal Dr. M. G. Bhatt. Subject expert Mr. Alapbhai Pandit, project coordinator, Geer foundation have taught the students how to make seed balls. Students made about 100 to 150 seed balls by mixing sticky soil, manure (Verme compost, manure, goat dung), fungicide etc. in the soil. The seeds of Pincassia, Sitafal, Kesuda etc. plants were mixed in the soil and made seed ball. After end of this programme, the students made the environment day worthwhile by planting of jacaranda, behda, kanjo, cassia etc. plants.

**Government Science College, Gandhinagar
"Environment Day Celebration "
Students of Eco club have participated plantation
and seed ball making program at GEER Foundation,
Aranya Udhyan, Gandhinagar.
Date : 05/06/2022**





Activity-2

“Feets on Streets” A Step towards Sustainable Future

Date: 17/07/2022

The Students of Eco Club and the department of Botany, Government Science College, Gandhinagar participated in the “Green on Streets” program organized by Gandhinagar Municipal Corporation and Biofix Private Limited.

The Students of Eco Club and Department of Botany have attended “Green on Streets a Green Carnival program” at Rang Manch, Sector 22 on 17/07/2023. Dr. M G. Bhatt, the Principal has encouraged students for this program. Green on Streets has become the biggest event ever in Gandhinagar city to raise public awareness about cleanliness and sustainable lifestyle. Waste Composting Machine, Mini Biogas Machine, Bio Fertilizer and Bio Enzyme were demonstrated by Biofix Private Limited in this program.

A startup called Rico Solution showcased various useful products like planter pots, clocks, garden benches, garden stools, small pots, writing pads and jewelers for girl children from the plastic waste collected by the students by cleaning their village's sows and ponds. Environment-friendly pots were prepared from cow dung and dried grass by the Bio Pot Institute. An explanation of how to make tooth brushes, ear combs, combs etc. made from bamboo was been given by Green Tens organization.

In this event, efforts were made to create public awareness about segregation of waste and avoiding the use of single-use plastic through ‘Nukkad’ drama and sports. With the aim of reducing the use of plastic bags by the foundation, in collaboration with the Reg Pinkers sisters of Old Vadaj, Ahmedabad, making clothes bags for these women to earn a living was also an inspiration for the students. In order to prevent the environmental damage caused by sanitary pads, “Unipads” made sanitary pads from reusable clothes in collaboration with local women, through which the students got new knowledge. Also, recycling of dry waste and composting of wet waste is given. By attending this informative programme organized by the Metropolitan Municipality, the students of the institute became aware of the environment.



Activity-3

Plantation Programme at Government Science College, Campus

Date:27/07/2022



सरकारी विज्ञान कोलेज, गांधीनगर
राष्ट्रीय सेवा योजना (NSS) & ईको क्लब
वृक्षारोपण कार्यक्रम

मुख्य महेमान
श्री नारायण माधु साहेब
(जोइन्ट कमिशनर)
ઉચ્ચ શિક્ષણ કમિશનરની કચેરી, ગાંધીનગર

તારીખ ૨૭/૦૭/૨૦૨૨ સમય: ૩:૩૦ કલાકે
સ્થળ: સરકારી વિજ્ઞાન કોલેજ, સેક્ટર-૧૫, ગાંધીનગર કેમ્પસ

Tree plantation was done by students of NSS Unit, Eco Club and Department of Botany at Government Science College campus in the presence of Mr. Narayan Madhu Sir, Joint Director, Education Department and Dr. M. G. Bhatt Sir, Principal, Government Science College, Gandhinagar. In this programme the members of ABVP also played an active part. Various species of borsali, tulsi, amla, champa, takoma, bamboo, cassia, etc. plants were planted by the students. And water was sprinkled around it by the students. Approximately 50 to 60 plants were planted by Students.

Plantation program Organized by :- N.S.S. and Eco club Date :- 27/07/2022



સરકારી વિજ્ઞાન કોલેજમાં વૃક્ષારોપણ કાર્યક્રમ



સરકારી વિજ્ઞાન કોલેજ ગાંધીનગર ખાતે એન એસ. એસ. એકમ અને ઈકો ક્લબ દ્વારા વૃક્ષારોપણ કાર્યક્રમનું આયોજન કરવામાં આવ્યું હતું. જે અંતર્ગત કોલેજ પરિસરમાં ૫૦થી વધુ વૃક્ષોનું વાવેતર વિદ્યાર્થીઓ દ્વારા કરાયું હતું.

વિદ્યાર્થીઓ દ્વારા વૃક્ષારોપણ કરાયું



એનએસએસ એકમ અને ઈકો ક્લબ, સરકારી વિજ્ઞાન કોલેજના સંયુક્ત ઉપક્રમે કોલેજના પંટાગણમાં વૃક્ષારોપણ કરવામાં આવ્યું. જેમાં કોલેજનો સમગ્ર સ્ટાફ, એનએસએસના સ્વયંસેવકો ઉપસ્થિત રહ્યા હતા. આ સમગ્ર કાર્યક્રમમાં ૫૦થી વધુ વૃક્ષોનું વાવેતર કરવામાં આવ્યું હતું.

Activity – 4

“International Nature Conservation Day” Celebration

28/07/2022

By celebrating ‘International Nature Conservation Day,’ the awareness about the protection of natural resources spread among people around the world. A healthy environment is the foundation of a stable and productive society. This present time and the future of future generations can be secured only through nature conservation. As a part of nature conservation, it is necessary to take measures to protect the environment. To achieve one of their objectives, the students of Government Science College, Sector-15, Eco Club of Gandhinagar, Department of Botany and N. N. S. team raised slogans regarding to stop using plastic, polythene and to use paper or cloth bags. After programme at college, the rally were organized at the main bus station of Gandhinagar, Pathik-ashram with banners made by students with slogans like "Plastic free India", "Remove plastic", "Make the earth a heaven", "Remove plastic, save diseases" etc. Along with rally, a campaign was conducted by the students to collect the plastic waste lying there in the bus station and dispose it in a suitable place. The programme was successfully managed by Eco Club, Department of Botany and N. S. S. team under continuous guidance of Dr. M. G. Bhatt, The Principal of the Government Science College, Gandhinagar.



સરકારી વિજ્ઞાન કોલેજ , ગાંધીનગર

“વિશ્વ પ્રકૃતિ સરક્ષણ દિવસ” ની ઉજવણી ઇકો ક્લબ , વનસ્પતિ શાસ્ત્ર વિભાગ અને એન. એન. એસ ના વિદ્યાર્થીઓ દ્વારા “We say no Plastic” થીમ પર કરવામાં આવી .

તા. ૨૮/૦૭/૨૦૨૨



વિશ્વ પ્રકૃતિ સંરક્ષણ દિવસની ઉજવણી



સરકારી વિજ્ઞાન કોલેજ ગાંધીનગર દ્વારા વિશ્વ પ્રકૃતિ સંરક્ષણ દિવસની ઉજવણી કરવામાં આવી હતી. જે અંતર્ગત ઈકો ક્લબ અને વનસ્પતિશા વિભાગ તથા એન.એસ.એસ ટીમ દ્વારા પ્લાસ્ટિકનો ઉપયોગ બંધ કરવાનું અને કાગળ અથવા કપડાની થેલીનો ઉપયોગ કરવાના સ્લોગન સાથે અભિયાન ચલાવ્યું હતું.



"World Nature Conservation Day " celebration
by Eco club, Botany Dept. and NSS students.
Theme : We say no to Plastic
Date : 28/07/2022



Activity – 5

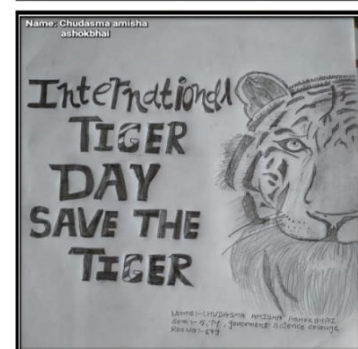
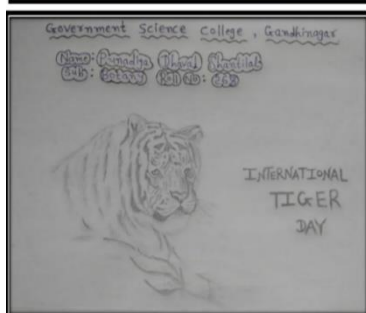
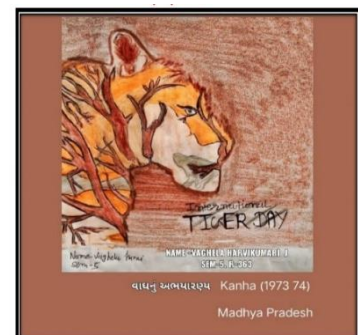
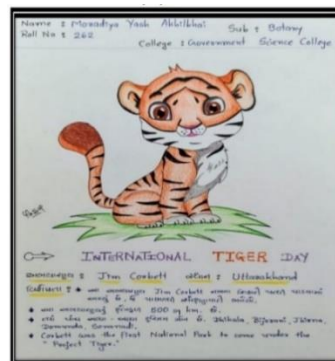
International Tiger Day Celebration

29/7/2022

‘International Tiger Day’ was celebrated on 29/7/2022 by Eco Club students of Government Science College, Gandhinagar by making pictures to raise awareness about the declining number of tigers globally. ‘Poster making competition: Theme – Save Tiger’ was held as a part of celebration of the day.



29th July is a special day and dedicated to the tiger, which is the largest of the world’s big cats and magnificent creature, with its distinctive orange and black stripes and beautifully marked face. This is an annual celebration to raise awareness for tiger conservation, the goal of the day is to promote a global system for protecting the natural habitats of tigers and to raise public awareness and support for tiger conservation issues. International Tiger Day has been shown to be effective in increasing online awareness on tigers through information search. There are a number of different issues that tigers all around the world face. There are a number of threats that are driving tigers close to extinction, and we can do our best to make sure that we do not lose these incredible creatures. Some of the threats that tigers face include poaching, conflict with humans and habitat loss.



સરકારી વિજ્ઞાન કોલેજ ખાતે વિશ્વ વાઘ દિવસની ઉજવણી



ગાંધીનગર, તા. ૩૦
સરકારી વિજ્ઞાન કોલેજ, ગાંધીનગરના ઇકો ક્લબના વિદ્યાર્થીઓ દ્વારા વિશ્વ વાઘ દિવસ નિમિત્તે વૈશ્વિક સ્તરે વાઘની ઘટતી સંખ્યા વિષે જાગૃક્તા લાવવાનો હેતુ દર્શાવતા ચિત્ર બનાવી ઉજવણી કરવામાં આવી હતી.

સરકારી વિજ્ઞાન કોલેજ દ્વારા વિશ્વવાઘ દિવસની ઉજવણી



સરકારી વિજ્ઞાન કોલેજ
ગાંધીનગરના ઈકો ક્લબ દ્વારા વિશ્વ
વાઘ દિવસની ઉજવણી કરવામાં
આવી હતી. જે અંતર્ગત
વિદ્યાર્થીઓએ વાઘની ઘટતી જતી
સંખ્યા વિશે જાગૃતતા લાવવાના
ભાગરૂપે ચિત્રો બનાવ્યા હતા

Activity – 6

“World Lion Day” Celebration

10/08/2022

In Government Science College, Quiz have arranged on event of World Lion Day celebration. Students have actively participated and submitted Quiz on MS Team.

	Government Science College, Gandhinagar
	“World Lion Day” Quiz
1	ગીર રાષ્ટ્રીય ઉદ્યાનની સ્થાપના ક્યારે કરવામાં આવી? When was Gir National Park established?
	વર્ષ ૧૯૭૫ Year 1975
	વર્ષ ૧૯૮૫ Year 1985
	વર્ષ ૧૯૬૧ Year 1961
	વર્ષ ૧૯૫૨ Year 1952
2	સિંહ નું સ્થાનિક નામ શું છે ? What is Local name of Lion?
	સાવજ Savaj
	બબ્બર શેર Babbar Sher
	ઉંટિયો વાઘ Untiyo Vagh
	ઉપરના તમામ All Above
3	સિંહ નું આયુષ્ય કેટલું હોય છે. What is the life span of a Lion?
	12-15 વર્ષ જંગલ અવસ્થામાં 12-15 years in forest stage
	15-20 વર્ષ બંધનાવસ્થામાં 15-20 years in bondage stage
	ઉપરના બંને Above both
	એક પણ નહીં None
4	ભૂતકાળ માં એશિયાઈ સિંહ નો વસવાટ ક્યાં ક્યાં હતો ? Where was the habitat of the Asiatic lion in the past?
	ઈરાન Iran
	ઈરાક Iraq
	સીરીયા Syria
	ઉપરના તમામ Above all

5	હાલ ની વસ્તી ગણતરી પ્રમાણે ભારતમાં એશિયાટીક સિંહ(લાયન) ની સંખ્યા કેટલી છે ? According to the current census, how many Asiatic lions are there in India?
	284
	304
	600 થી વધુ
	327
6	સિંહ ની વૈશ્વિક વસ્તી કેટલી છે ? What is the global population of lions?
	5000 થી 10000
	10000 થી 20000
	20000 થી 30000
	30000 થી 40000
7	સિંહ ના ચાર પગ ના કુલ કેટલા નહોર(નખ) હોય છે? How many canals (nails) are there in the four feet of a lion?
	16
	10
	18
	12
8	સિંહ ના ચિન્હોનો ઉપયોગ આપણા દેશમાં નીચેના માંથી શામાં થાય છે? Which of the following symbols of Lion are used in our country?
	રાષ્ટ્રીય મુદ્રા National emblem
	રીઝર્વ બેન્ક ના ચિન્હોમાં In symbols of Reserve Bank
	ઉપરના બંને Above both
9	સિંહ ની ઉપસ્થિતિ ના ચિન્હો શું છે? What are the signs of lion presence?
	પગલાં Steps
	મારણ the antidote
	ગર્જના(અવાજ) Roar
	ઉપરના તમામ Above all
9	સિંહ ક્યાં પ્રકાર ના જંગલોમાં વસવાટ કરે છે ? In which type of forest does the lion live?
	સૂકા પાનખર જંગલો Dry deciduous forests
	સૂકા કાંટા વાળા જંગલો Dry thorn forests
	સવાનાં પ્રકારના જંગલો Savanna type forests

	ઉપરના તમામ Above all
10	એશિએટિક લાયન સાથે સંકળાયેલ રાષ્ટ્રીય ઉદ્યાનનું નામ આપો . Name the national park associated with the Asiatic Lion.
	Corbett
	Kaziranga
	Ranthambore
	Gir
11	એશિએટિક લાયનનું વૈજ્ઞાનિક નામ આપો. Give the scientific name of Asiatic Lion.
	Panthera leo persica
	Panthera tigris
	Panthera pardus
	Acenonyx jubatus
12	ક્યાં વર્ષમાં પ્રથમ 'વિશ્વ સિંહ દિવસ' જાહેર થયો? (In which year First World Lion Day observed?)
	2010
	2012
	2013
	2015
13	Lions are designated as a _____ on the Red list by IUCN.
	Extinct(લુપ્ત)
	Vulnerable (અરક્ષિત)
	Endangered (ભયના આરે)
	All
14	The full form of IUCN
	International Union for Conservation of Nature
	Indian Union for Conservation of Nature
	Indian Union for Conservation in Nature
	International Union for culture and Nature
15	The Sakkarbag Zoo is situate
	Junagadh
	Rajkot
	Ahmedabad
	Surat
16	સિંહ વધુમાં વધુ કેટલી ઝડપ થી દોડી શકે છે? What is the maximum speed that Lion can run?
	20 km
	40 km

	60 km
	80 km
17	સૌથી વધુ એશિએટિક સિંહ ની વસ્તી ધરાવતો દેશ કયો છે? Which country has the largest population of Asiatic lions?
	ભારત India
	ચીન Chin
	પાકિસ્તાન Pakistan
	ભૂતાન Bhutan
18	ભારતીય સિંહ નું વજન કેટલું હોય છે ? How much does an Indian Lion weigh?
	90 થી 110 kg
	130 થી 220 kg
	110 થી 120 kg
19	નિવસનતંત્રમાં સિંહને કઈ કેટેગરીમાં મૂકવામાં આવે છે? In which category is the lion placed in Ecosystem?
	ઉત્પાદકો Producers
	તૃણાહારી Herbivores
	કાર્નીવોરસ Carnivores
	All
20	ભારત ના રાજ ચિન્હ કે સિંહાકૃતિ માં કેટલા સિંહ આવેલા છે? How many symbols are there in India's emblem or lion?
	3
	4
	5
21	બરબેરિયન પ્રજાતિના સિંહ હાલ ક્યાં રાખવામાં આવ્યા છે ? Where are the barbarian tigers kept now?
	યુરોપ ના પ્રાણી સંગ્રહાલય Zoos of Europe
	આફ્રિકાના સફારી ગાર્ડન Safari Gardens of Africa
	જુનાગઢ ના સક્કર બાગ Sakkar Bagh of Junagadh
22	સિંહ ની ગર્જના કેટલા અંતર સુધી સંભળાય છે ? How far is the roar of the Lion?
	20 માઈલ 20 miles
	5 માઈલ 5 miles



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	10 માઈલ 10 miles
23	એક વખતે સિંહ સરેરાશ કેટલા બચ્ચાને જન્મ આપે છે . How many cubs does a lion give birth to on an average?
	2 થી 3
	3 થી 4
	4 થી 5
24	વર્ષ 2018 દરમિયાન ક્યાં વાહરસ ની અસર થી સિહોના મૃત્યુ થયા હતા ? During the year 2018, Lion died due to the effect of which virus?
	Lampi Virus
	CDV((Canine distemper Virus)
	Pox Virus
	Manki Virus
25	સિંહ ની પૂંછડી કેટલી લાંબી હોય છે ? How long is the lion's tail?
	10 cm
	1.5 m
	1m

Quiz Results

Government Science College, Gandhinagar						
Quiz on "International Lion Day"						
10/08/2022						
Sr.No	Start Time	CompletionTime	Total Point	Name	Roll No.	Sem
1	8-10-22 21:42:20	8-10-22 21:44:05	20	Khushi Vijaykumar Prajapati	266	5
2	8-10-22 21:42:57	8-10-22 21:44:52	22	Zala Vishal Kalusinh	434	3
3	8-10-22 21:40:56	8-10-22 21:45:03	8	Joshi Mahi Harshad	141	3
4	8-10-22 21:41:30	8-10-22 21:45:04	17	Jatiya Krunal Babulal	355	5
5	8-10-22 21:44:14	8-10-22 21:46:23	14	Prajapati Aryan Bharatkumar	362	3
6	8-10-22 21:45:49	8-10-22 21:46:28	20	Raiyani Priyank Chandubhai	269	5
7	8-10-22 21:45:03	8-10-22 21:47:10	25	Vania Rahul T	134	5
8	8-10-22 21:45:12	8-10-22 21:47:18	25	Vaghela Harvikumari Jaydevsinh	363	5
9	8-10-22 21:49:02	8-10-22 21:50:52	6	Patel Nishil N	264	5
10	8-10-22 21:51:34	8-10-22 21:52:46	16	Chaudhary Ruchitkumar Jashubhai	23	5
11	8-10-22 21:46:03	8-10-22 21:53:29	14	Ayar Bharat Babubhai	161	5
12	8-10-22 21:47:54	8-10-22 21:53:50	13	Rathod Manish Narendrakumar	202	5
13	8-10-22 21:50:51	8-10-22 21:54:44	23	Thaker Janvi Pankaj	318	5
14	8-10-22 21:45:45	8-10-22 21:55:01	13	Vasava Ankitaben Ashvinbhai	366	5



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15	8-10-22 21:45:34	8-10-22 21:55:34	18	Timbal Hardik Pathabhai	210	5
16	8-10-22 21:53:02	8-10-22 21:58:30	13	Raval Parthkumar Aashokkumar	42	3
17	8-10-22 21:59:06	8-10-22 22:02:08	20	Patel Sushmitkumar Lukiyas	73	5
18	8-10-22 21:55:21	8-10-22 22:04:51	12	Siddhant Patel	100	5
19	8-10-22 21:49:57	8-10-22 22:06:28	19	Thakor Pratik Amrutbhai	125	5
20	8-10-22 22:14:41	8-10-22 22:20:05	16	Patel Riya Bhaveshbhai	195	5
21	8-10-22 22:14:53	8-10-22 22:22:50	11	Dave Khushbu Pareshbhai	337	3
22	8-10-22 22:20:11	8-10-22 22:27:05	12	Desai Jaydeepkumar Ajitbhai	36	5
23	8-10-22 22:12:27	8-10-22 22:28:42	21	Patel Zeel Rashminbhai	331	3
24	8-10-22 22:27:13	8-10-22 22:29:30	25	Gondha Dhruvit N.	45	5
25	8-10-22 22:23:36	8-10-22 22:36:19	23	Panada Pratik Chhaganbhai	348	3
26	8-10-22 22:39:34	8-10-22 22:42:46	12	Arpita	287	5
27	8-10-22 22:39:20	8-10-22 22:43:51	14	Panchal Megha K	499	3
28	8-10-22 22:22:13	8-10-22 22:47:58	19	Patel Margiben Jasvantbhai	88	5
29	8-10-22 22:20:38	8-10-22 22:48:05	17	Dindod Pragneshkumar Bachubhai	145	3
30	8-10-22 22:39:37	8-10-22 22:48:23	14	Patel Astha Kanubhai	476	3
31	8-10-22 22:38:34	8-10-22 22:56:18	18	Moradiya Yash Akhilbhai	262	5
32	8-10-22 22:47:11	8-10-22 22:56:48	9	Prajapati Priyaben Ashokbhai	45	3
33	8-10-22 22:58:20	8-10-22 23:02:41	18	Padsumbiya Kinjal Hemantbhai	263	5
34	8-10-22 22:40:14	8-10-22 23:07:42	19	Patel Nisarg Ashokbhai	91	5
35	8-10-22 22:39:41	8-10-22 23:09:03	20	Darji Mit Anantkumar	143	3
36	8-10-22 23:20:27	8-10-22 23:22:25	9	Vaghela Jitendrakumar Hareshji	273	5
37	8-11-22 0:30:36	8-11-22 0:32:55	18	Vaibhavi Hongal	354	5
38	8-11-22 6:38:39	8-11-22 6:44:43	14	Vasava Ankitaben Ashvinbhai	366	5
39	8-11-22 6:38:14	8-11-22 6:48:26	12	Patel Bhavi Shaileshbhai	65	3
40	8-11-22 7:29:16	8-11-22 7:46:23	19	Chaudhari Sanjnakumari Chetanbhai	343	5
41	8-11-22 8:02:42	8-11-22 8:09:28	22	Vasava Rameshbhai Harjibhai	215	5
42	8-11-22 8:36:35	8-11-22 8:43:26	15	Raval Kishankumar Vishnubhai	111	5
43	8-11-22 8:42:28	8-11-22 8:49:56	15	Raval Himanshi S.	429	3
44	8-11-22 8:47:28	8-11-22 8:58:24	13	Mishva Rameshbhai Solanki	501	3

Activity-7

Van Mahotsav

Taluka level Van Mahotsav was arranged by Forest Department and Mahanagar Palika at Government Science College guided by Principal Dr. M. G. Bhatt Sir. The students and teachers of Botany Department played active role for plantation.

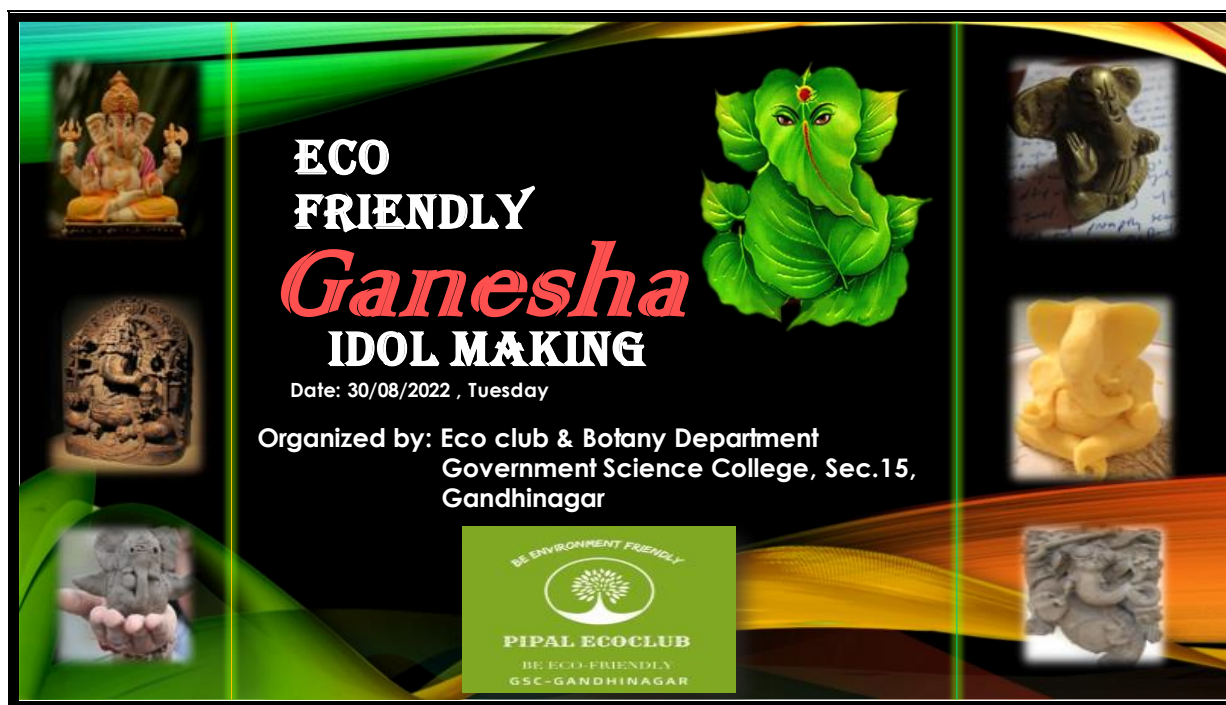




Activity – 8

“Eco Friendly Ganesha Idol Making”

30/08/2022



Eco Friendly ‘Ganesha’ Making Competition was held in Government Science College on 30/08/2022 by Eco Club and Department of Botany. 22 students of the institute participated in this competition along with the teachers. The teachers of the institute also participated in crafting beautiful idols of Ganapati Dada from clay and they were decorated in various ways. To cheer up the students in this competition, Mr. Rupakabhai Solanki, Deputy Director (EE), GEER Foundation, Gandhinagar, Mr. Alapbhai Pandit, Project Co-ordinator and Mrs. Vaishaliben, Assistant Program Co-ordinator, GEER Foundation, Gandhinagar, were present. Mr. Rupakabhai Solanki have given an informative lecture on our moral duties to protect the environment. He also explained the aim and the intention to create “Eco Friendly Ganesha.” At the end of the program, the top five performers were awarded by GEER Foundation, Gandhinagar. The remaining students were encouraged with a ‘Srushti’ magazine as a token of appreciation. The whole successful program was held under the continuous guidance of Dr M.G Bhatt Sir, Principal of the Government Science College, Gandhinagar. To inspire students, Dr. D. A. Odedra Sir (In charge Principal), Dr. M. G. Patel (HOD, Zoology Department), Dr. C.C. Ambasana (HOD, Department of Microbiology) were present. Dr. Pragna Prajapati (Chairman, Eco Club), Dr. Binny Karlikar

and Dr. Pooja Sharma of Eco Club have managed the program successfully under the successful leadership of Dr. S. K. Patel (HOD, Department of Botany).







વિજ્ઞાન કોલેજમાં ઇકો ફેન્ડલી ગણેશ મેકિંગ સ્પર્ધા



ઇકો ક્લબ અને વનસ્પતિ શા વિભાગ સરકારી વિજ્ઞાન કોલેજ દ્વારા ઇકો ફેન્ડલી ગણેશ મેકિંગ સ્પર્ધાનું આયોજન કરવામાં આવ્યું હતું. જેમાં કોલેજના ૨૨ થી વધુ વિદ્યાર્થીઓએ ઉત્સાહભરે ભાગ લીધો હતો.

સરકારી વિજ્ઞાન કોલેજમાં “ઇકો ફેન્ડલી ગણેશ” મેકિંગ સ્પર્ધા યોજાઈ

ઇકો ક્લબ અને વનસ્પતિ શાસ્ત્ર વિભાગ દ્વારા તા. ૩૦/૦૮/૨૦૨૨ ના રોજ સરકારી વિજ્ઞાન કોલેજ માં “ઇકો ફેન્ડલી ગણેશ” મેકિંગ સ્પર્ધા યોજાઈ. આ સ્પર્ધા માં સંસ્થાના ૨૨ વિદ્યાર્થીઓએ ભાગ લીધેલ હતો. વિદ્યાર્થીઓની સાથે સાથે સંસ્થાના અધ્યાપકો એ પણ માટી માંથી ગણપતિ દાદાની સરસ મજાની મૂર્તિઓ તૈયાર કરેલ હતી. આ સ્પર્ધામાં વિદ્યાર્થીઓને ઉત્સાહિત કરવા માટે રૂપકભાઈ સોલંકી, નાયબ નિયામક, ગીર ફાઉન્ડેશન, ગાંધીનગર, શ્રી આલાપભાઈ પંડિત, પ્રોજેક્ટ કો-ઓર્ડિનેટર તથા વૈશાલીબેન, આસીસ્ટન્ટ પ્રોગ્રામ કો-ઓર્ડિનેટર, ગીર ફાઉન્ડેશન, ગાંધીનગર ઉપસ્થિત રહ્યા હતા. કાર્યક્રમના અંતે ગણેશજી ની શ્રેષ્ઠ પાંચ કૃતિ બનાવનાર વિદ્યાર્થીઓને ગીર ફાઉન્ડેશન, ગાંધીનગર દ્વારા પુરસ્કાર અર્પિત કરવામાં આવ્યા. કાર્યક્રમમાં વિદ્યાર્થીઓને પ્રેરક બળ પૂરું પાડવા ડૉ. ડી. એ. ઓડેદરા, ડૉ. એમ. જી. પટેલ, ડૉ. સી. સી. અંબાસણા હાજર રહ્યા હતા. વનસ્પતિ શાસ્ત્ર વિભાગના અધ્યક્ષ ડૉ. એસ. કે. પટેલના સફળ નેતૃત્વ હેઠળ ઇકો ક્લબના ડૉ પ્રજ્ઞા પ્રજાપતિ અને ડૉ બિન્ની કરલીકરે કાર્યક્રમ નું સફળ સંચાલન કરેલ હતું.



Activity-9

International seminar on “Some State-of-the -Art Practices”

The students of government Science College, Gandhinagar attended the international seminar on “Some State-of-the -Art Practices” at Gujarat Arts and Science College Ahmedabad. The resource person Dr. Ketan Tatu, Research Scientist gave very informative lecture on wetland eco system.

Wetlands are valuable ecosystems but they face various threats due to unsustainable development activities. Some examples of threats are pollution, soil waste dumping, filling, draining, siltation, eutrophication, etc. For saving the wetlands from destruction they have to be studied through scientific techniques. The presentation by Dr. Ketan Tatu explains various state-of-the-art techniques for delineation and monitoring wetlands. The findings of wetland studies through such techniques can contribute to planning and implementing wetland conservation strategies.





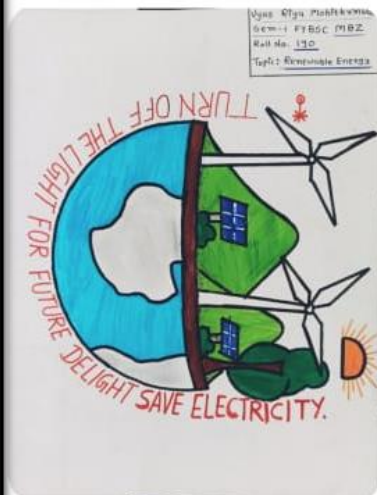
Activity 10

“Slogan Competition on Environment and Biodiversity”

21/09/2022

In Government Science College, Gandhinagar the Slogan competition was organized as "Climate Change Youth Outreach Programme" on the establishment day of Climate Change Department of Gujarat which is 21st September, 2022. In this competition programme around 90 students of this institute prepared beautiful slogans on the topics of environment, biodiversity, forest, waste management and climate change. In this Competition, 1st winner was Vyas Riya Mohitkumar, 2nd winner was Vipul Kumar Pasaya and 3rd winner was Patel Diya Rameshbhai. These winner students will be awarded a certificate by the Gujarat Energy Development Agency under the Climate Change Department. The entire program was managed under guidance of Dr M.G. Dr. Bhatt, Principal, Government Science College, Gandhinagar. Dr. S. K. Patel (HOD, Department of Botany), Dr. Pragna Prajapati (Chairman, Eco Club) and their entire team have given best contribution to make the event successful.

Government Science College, Gandhinagar
Slogan Competition Event under Climate Change Youth outreach Programme.
Organized by : Eco Club & Department of Botany



Government Science College, Gandhinagar Slogan Competition Event under Climate Change Youth outreach Programme. Organized by : Eco Club & Department of Botany





pressnote

સરકારી વિજ્ઞાન કોલેજ માં પર્યાવરણ અને જૈવ વિવિધતાને અનુલક્ષી ને સ્લોગન સ્પર્ધા યોજાઈ



અત્રેની સરકારી વિજ્ઞાન કોલેજ માં ગુજરાત સરકારના ક્લાઈમેન્ટ યેન્જ વિભાગના સ્થાપના દિન નિમિત્તે Climate Change Youth Outreach Programme અંતર્ગત સ્લોગન સ્પર્ધાનું આયોજન કરવામાં આવેલ હતું. જેમાં સંસ્થાના લગભગ ૯૦ વિદ્યાર્થીઓ દ્વારા પર્યાવરણ, જૈવ વિવિધતા, ફોરેસ્ટ, વેસ્ટ મેનેજમેન્ટ અને ક્લાઈમેન્ટ યેન્જ વિષય અનુરૂપ સુંદર સ્લોગન તૈયાર કરવામાં આવ્યા હતા. જેમાં પ્રથમ વ્યાસ રીયા મોહિતકુમાર, દ્વિતીય વિપુલ કુમાર પસાયા અને તૃતીય ક્રમાંકે પટેલ દિયા રમેશભાઈ વિજેતા જાહેર કરવામાં આવેલ છે. આ વિજેતા વિદ્યાર્થીઓને ક્લાઈમેન્ટ યેન્જ વિભાગ હસ્તકની ગુજરાત ઉર્જાવિકાસ એજન્સી દ્વારા પ્રમાણપત્ર એનાયત કરવામાં આવશે. આ સમગ્ર કાર્યક્રમનું સંચાલન આચાર્યશ્રી ડૉ એમ. જી. ભટ્ટ સરના માર્ગદર્શનથી ડૉ. એસ. કે. પટેલ (અધ્યક્ષ, વનસ્પતિશાસ્ત્ર વિભાગ), ઈકો ક્લબ અને તેમની ટીમે કર્યું હતું.






Activity – 11

“Students have given their Opinion about Wild life and Nature Conservation”

Government Science College, Gandhinagar						
Eco Club and Department of Botany						
2022-23						
Sr · N o	Student Name	Sem	Group	Participatio n	Event Name	Acedemic Year
1	Dr. Pragna Prajapati			Faculty		
2	Dr.Heena Prajapati			Faculty		
3	Joshi Dixit Rameshbhai	5	Zoology	Participation	Wild life week - Student Opinion	2022-23
4	Rathva Yogeshkumar M.	5	Zoology	Participation	Wild life week - Student Opinion	2022-23
5	Varvariya Bogabhai	5	Zoology	Participation	Wild life week - Student Opinion	2022-23
6	Vaibhavi Hongal	5	Zoology	Participation	Wild life week - Student Opinion	2022-23
7	Vaghela Harvikari J.	5	Zoology	Participation	Wild life week - Student Opinion	2022-23
8	Panada Pratikkumar Chhaganbhai	3	CB	Participation	Wild life week - Student Opinion	2022-23
9	Patel Divya Kiranbhai	1	CBP	Participation	Wild life week - Student Opinion	2022-23
10	Navinkumar Dineshji Suthar	5	Botany	Participation	Wild life week - Student Opinion	2022-23
11	Khushee Vijaykumar Prajapati	5	Botany	Participation	Wild life week - Student Opinion	2022-23
12	Moradiya Yash Akhilbhai	5	Botany	Participation	Wild life week - Student Opinion	2022-23
13	Padsumbia Kinjal Hemantbhai	5	Botany	Participation	Wild life week - Student Opinion	2022-23
14	Dhirajkumar Jivarambhai Chaudhari	3	CB	Participation	Wild life week - Student Opinion	2022-23

Activity-11 Wild Life Week My thoughts on wildlife nature conservation 02/10/2022	
<p>1. My Thoughts on Wildlife and Nature Conservation: <i>“Today's time means 21st century... in this time there are great changes in nature. Like global warming, pollution etc. It is very important to maintain the link between wildlife and nature as the government is currently trying to do. Our effort is important in this, like Swachh Bharat Abhiyan, Wildlife Conservation Abhiyan etc. we should try our best to bring public awareness. Let us try to save the environment by being a friend of the environment. And invite people to take steps in this direction.”</i> Name: NAVINKUMAR DINESHJI SUTHAR (SEM 5 BOTANY)</p>	
<p>2. My Thoughts on Wildlife and Nature Conservation: <i>“Today's is wildlife conservation day, a day that provides us with an opportunity to both reflect on that state of the planet from the wild animals' perspective and to highlight the rarely championed actions being taken at the community level to preserve the natural environment and so protect biodiversity. Animals, plant, and Marine biodiversity keeps ecosystem functional. Healthy ecosystem allows us to survive, get enough food to eat and make a living. When species disappear or fall in number, ecosystem, and people especially the world's poorest - suffer.”</i> Name: PATEL DIVYA KIRANBHAI (SEM 1, CBP)</p>	
<p>3. My Thoughts on Wildlife and Nature Conservation: <i>“Our biodiversity is very diverse, we as human society must work together to maintain this diversity, the main source of biodiversity is forest. So first of all, we should preserve the forest. A forest is said to be a diverse ecosystem containing all kinds of organisms. Human disturbance in forest should be stopped. Everyone should strictly follow the policy proposed by the government to protect the forest.”</i> Name: VAGHELA HARVIKARI J (SEM 5 ZOOLOGY)</p>	

4.	<p>My Thoughts on Wildlife and Nature Conservation:</p> <p><i>“Today is Wildlife Conversation Day. A wildlife sanctuary is an area where the habitats of animals and their surroundings are protected from any kind of disturbance. Catching, killing, and hunting of animals is strictly prohibited in these regions. They aim to provide a comfortable life to the animals. We must save the animals and protect the forest.”</i></p> <p>Name: JOSHI DIXIT RAMESHBHAI (SEM 5 ZOOLOGY)</p>	
5	<p>My Thoughts on Wildlife and Nature Conservation:</p> <p><i>“Our country India has been full of biodiversity since ages. All kinds of animals, birds, fish etc. are part of the biological society in the country since years. In this way, many types of plants provide our needs from furniture to medicine for health in life. All these biotic communities are used well, but they are greatly disturbed by human activities. The government should take strict measures to counter such activities. Which is employed by Govt. But still, it has become necessary to understand how much bio-society needs this. The growing population is also responsible for this.”</i></p> <p>Name: RAHTHVA YOGESHKUMAR M (SEM 5 ZOOLOGY)</p>	
6.	<p>My Thoughts on Wildlife and Nature Conservation:</p> <p><i>“Conservation of wildlife and nature is our moral duty. India is a bio-diverse country. The country is home to millions of wild animals and plants. Which is a wonderful gift of nature. Man is the main factor disturbing nature. A country like India always promotes and protects wildlife. As an aware citizen it is necessary to take steps to protect wildlife, India's wildlife is an important resource for tourism. Its protection should start with tree plantation. Steps should be taken to promote tree plantation and make others aware of it. Let us all take a pledge to save wild life and nature and save our wealth by running a campaign.”</i></p> <p>Name: VARVARIYA BOGHABHAI (SEM 5 ZOOLOGY)</p>	

7	<p>My Thoughts on Wildlife and Nature Conservation: <i>“Conserving wildlife is part of our moral duty. We can build suitable forests for their habitat to increase their species. Along with population growth, urbanization and industrialization are increasing. If various types of pollution caused by the human species can be prevented and green forests are created, the endangered wildlife can be saved and that is our national service.”</i></p> <p>Name: DR. PRAGNA PRAJAPATI (ASSOCIATE PROFESSOR, BOTANY)</p>	
8.	<p>My Thoughts on Wildlife and Nature Conservation: <i>“Conservation of nature in the world was first initiated by Emperor Ashoka in the third century. Acknowledging the importance of nature, laws to control and protect wildlife are still found in its inscriptions. Abundant rainfall, green cover of forestry, clean air, control of catastrophic floods, maintenance of proper surface of underground water table, adequate quantity of fodder for animals, sufficient amount of wood for vanilla industries, availability of employment, preservation of natural elements can be achieved only through environmental protection. Pollution of air, water, land and noise in our environment should be stopped and environmental damage caused by such pollution should be prevented. "Plant more trees" campaign is very important for environmental problem. Environmental problems like greenhouse effect, global warming, climate change are global problems. On "World Environment Day" let's take a pledge and make our lives sustainable by conserving and enhancing natural resources. 'Plant Trees, Save Lives' ”</i></p> <p>Name: DHIRAJKUMAR JIVARAMBHAI CHAUDHARY (SEM 3 CB)</p>	

9.	<p>My Thoughts on Wildlife and Nature Conservation:</p> <p><i>“Global warming is increasing a lot these days, due to which wild life and trees are harmed. Man is harming the nature for his well-being. Pollution is increasing day by day. Who is responsible for it? What can we do to prevent pollution from increasing? You should organize programs to protect wild life and explain its importance to the future citizens. Today we see that trees are being cut down day by day. It is our duty to prevent it. Pollution like water, sound, land, air should be prevented. Similarly, if we all come together and understand nature and move forward, one day our country will be pollution free.”</i></p> <p>Name: PADSUMBIYA KINJAL HEMANTBHAI, (SEM 5 BOTANY)</p>	
10	<p>My Thoughts on Wildlife and Nature Conservation:</p> <p><i>“World Conservation Day is celebrated on July 28 every year. We should take steps for nature conservation. In today's time, the life of man is getting so busy that he does not even think about nature and his actions affecting the nature. Due to factories, big industrial companies, the rivers that give us clean water are getting polluted. Due to which nature and wildlife are being damaged. Many species of animals are becoming extinct. For its conservation, sanctuaries, national parks should be kept. Hunting of wild life should be prevented. We should spend some time to think about protecting animals and nature in our busy lives.”</i></p> <p>Name: MORADIYA YASH AKHILBHAI (SEM 5 BOTANY)</p>	

11 **My thoughts on wildlife and nature conservation:**

“Various schemes have been implemented by the central and state government in our country for wildlife conservation. To make the entire scheme successful, various sanctuaries and national parks have already been started in suitable areas across the country. But until common people of the country do not understand sensitivity towards wild life and till people become aware of the situation, the conservation of wild animals is not possible in the true sense. In that sense the celebration of wildlife conservation we were organized across the country to create awareness about wildlife conservation among common people in the country. It has been decided to celebrate by organizing special activities related to wild animals for a week in month of October every year. This week is celebrated to make common people more aware of importance of wildlife.

The main aim is towards the acknowledgement of all issues regarding wildlife conservation, like, focusing people’s attention towards protection of wildlife and implementation of more services to protect wildlife. So, it is my request to all is to be self-aware of the threats and measures for protection of wildlife. I hope for you to make other people aware and take this initiative forward.”

NAME: Heena Prajapati, Assi. Professor , Zoology



<p>12</p>	<p>My thoughts on wildlife and nature conservation:</p> <p><i>“Nowadays we are living in concrete jungles instead of in the lap of nature and the campaign to save nature and wildlife has been reduced to social media status. We need to change this way of thinking, we are not harming the ature but we are harming the next generation. Humans are endangering the lives of wildlife in the pursuit of increasing their health, wealth and wealth, which is totally unfair.</i></p> <p><i>In the name of progress, we are spoiling the processes of nature, due to which today global warming acid rain is causing many other problems. The AC bill that comes to your house is nothing but the rent of cut trees, if there is no forest then how will the wild life survive.? If there are no pristine places, where will you go for a walk to refresh your eyes and where will you go for peace of mind...Wildlife is fine now even sparrows have stopped coming to your house. Thus, one species after another becomes extinct, due to which the outgoing key of nature is disrupted. The effect of which is seen over time.</i></p> <p><i>Keeping these issues in mind, many decisions are taken at the global level and the government also takes steps to protect forests and wildlife under different schemes and programmes. Let us become more conscious and nature- loving.</i></p> <p><i>Keep some things in mind like avoid using non- reusable plastic, use polluting devices as little as possible. If you want to go to a nearby area, use Sachkal so that the body is also preserved and the environment is also good, and if possible, plant a tree on auspicious days and take a pledge to preserve it. There is also a system where those who are financially able can adopt wild animals. It will be a pleasant feeling to spend some time in a forest away from this urban noise.”</i></p> <p>Name: Khushi V. Prajapati, B.Sc Sem 5 (Botany)</p>	
<p>13</p>	<p>My thoughts on wildlife and nature conservation:</p> <p><i>“It is impossible to imagine nature without these three: water, sea and land. So is the wild life. Water is the existence of aquatic organisms The most equal country in the world is the one with enough water, water and land. Our country is world famous for its rivers, lakes and wildlife. If the environment is protected, then life will continue. and environmental awarness.”</i></p> <p>Name: Panada Pratik, B.Sc Sem 4 (CB)</p>	

14 **My thoughts on wildlife and nature conservation:**

Today on the occasion of Wild life conservation Day We must all acknowledge the fact that humans should co-exist with all other species in the ecosystem. Humans are able to destroy and able to save the ecosystem and wild life. Sadly some greedy humans have choose to destroy the Earth and its ecosystem. Although its never too late to take right steps we can still save our planet, its ecosystem and it's wildlife. It's our right and duty to protect the innocent and voiceless. Let's make this world a better place for our future generations and the innocent species.

Name : Vaibhavi Hongal, B.Sc Sem 5 Zoology



pressnote

સરકારી વિજ્ઞાન કોલેજમાં વિશ્વ વન્ય જીવન સપ્તાહની ઉજવણી

<p>ગાંધીનગર, તા. ૨ સરકારી વિજ્ઞાન કોલેજ, ગાંધીનગર ખાતે વિશ્વ વન્ય જીવન સપ્તાહની ઉજવણી કરવામાં આવી રહી છે. જેમાં દરરોજ વિવિધ વિષયો અંતર્ગત વિચારો રજૂ</p>	<p>કરવામાં આવશે. ગઈકાલે વન્યજીવ અને પ્રકૃતિ સંરક્ષણ અંગે વિચારો રજૂ કરાયા હતા. જેમાં સ્વચ્છ ભારત અભિયાનની જેમ વન્યજીવ સંરક્ષણ અભિયાન અંગે લોક</p>	<p>જાગૃતિ લાવવી, જંગલમાં માનવ ખલેલને રોકવી જોઈએ, જંગલ વિસ્તારમાં પ્રાણીઓને પકડવા, મારવા અને શિકાર કરવા પર સખત પ્રતિબંધ અંગેના વિચારો રજૂ કરવામાં આવ્યા હતા.</p>
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Activity- 12

Students actively participated and submitted Quiz On “Biodiversity”

12/04/23

Quiz on Biodiversity	
12-04-2023	
Sr. No.	Question
1	Forest and wild Life are Renewable resources Non-renewable resources Inexhaustible None of the above
2	How many Panther are present in Gujarat? 500 234 1395 890
3	A forest community will develop only if the climax is Dry Moist Cool Hot
4	Which one is the correct food chain Phytoplankon → Zooplakton → Fish Zooplankon → Phytoplakton → Fish Grass → Fish → Zooplankton Zooplankton → Protozoans → Fish
5	The totality of genes, species and ecosystems of a region is Biodiversity Bioconservation Both A & B Biology
6	Kaziranga National Park is famous for Tiger Musk Deer Elephant Rhinoceros
7	Indian bustard has become endangered species due to

	Deforestation in Rajasthan
	Speread of desert
	Hunting
	Change in climate
8	Which animal are reintroduce at Kuno -Palpur National Park?
	Tiger
	Cheetah
	Panther
	Lion
9	IUCN Stands for
	International Union for conservation of Nature and Natural Resources
	International Union for caring Nature
	International Union for Controlling Nature
	Both b & c
10	National Park and Wildlife sancturies are example of
	Ex situ biodiversity conservation
	In situ biodiversity conservation
	Ecological protection
	All of the above
11	The national Park and wild life sancturies are maintained by
	Ministry of zoos
	Ministry of forests
	Ministry of environment
	Both b & C
12	Name the world largest flower?
	Corpse Flower
	Talipot Palm
	Rafflesia Flower
	Pando Flower
13	How many poisoing snakes are reported in Gujarat state?
	7 species
	5 species
	9 species
	none of above
14	Which one is the endemic animal species in Gujarat?
	Wild Ass
	Panther
	Tiger
	Lion
15	How many national park in Gujarat?

	3
	2
	4
	5
16	Great Indian Bustard seen in the area of
	Kutch and Positra(Dwarka)
	Geer
	Sabarkantha
	Both B &C
17	Khecheoparli lake in sikkim is a
	Big lake
	Sacred lake
	Small lake
	None of the above
18	The biosphere reserves are formulated by
	UNICEF
	UNESCO
	L.L.O
	IMF
19	Khijadia bird Sanctuary is situated at
	Jamnagar
	Bhavnagar
	Katch
	Danta
20	How many wild life sancturies in Gujarat?
	25
	23
	12
	4
21	The first National Park established inIndia was
	Gir National Park
	Jim Corbett National Park
	Kantha National Park
	None of above
22	First National Park in India to start Tiger reserve is at
	Nainital
	Junagadh
	Malwa
	Jaipur
23	The large flying bird is



GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



	Eagle
	California Condor
	Bat
	Vulture
24	Mangroves forest are in gujarat at
	Jamnagar
	Bhavanagar
	Valsad
	above all
25	How many eyes in Spider
	8
	6
	4
	2
26	Which of the following countries has the highest Biodiversity
	South America
	South Africa
	Rassia
27	Which of the following is not a cause for loss of Biodiversity?
	Destruction of Habitat
	Invasion by allen species
	Keeping animals in Zoological Parks
	Over expliotation of Natural resources
28	Where among the following will you find pitcher plant?
	Rain forest of North east
	Sunderbans
	The Desert
	Western ghats
29	Which one of the following forest is known as the 'lungs of the planet Earth'?
	Taiga forest
	Tundra forest
	Amazon rain forest
	Rain forest of North East India
30	What is common to Lantana, Eichornia, and African catfish?
	All are endangered species of India
	All are keystone species
	All the species are neither threatned nor indigenous species of India.



GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



Government Science College, Gandhinagar						
Quiz Submitted on Biodiversity						
12-04-2023						
Sr. No	Full Name in Capital	Score	Roll No	Semester	Group	Timestamp
1	Navinkumar Suthar	6 / 30	271	6	Botany	4-12-2023 19:52:46
2	JOSHI KHUSHI KAMLESHBHAI	23 / 30	339	2	MBZ	4-12-2023 20:09:36
3	DAVE NIKHIL PIYUSHKUMAR	26 / 30	325	2	MBZ	4-12-2023 20:15:21
4	Disha Kamleshbhai Damor	18 / 30	222	2	CBZ	4-12-2023 20:56:51
5	THUNGA HARSH BALDEVBHAI	23 / 30	126	6	Chemistry	4-12-2023 21:17:37
6	ZALA VISHAL KALUSINH	18 / 30	434	4	ZB	4-12-2023 21:27:28
7	VAGHELA HARVIKUMARI JAYDEVSIKH	22 / 30	363	6	Zoology	4-12-2023 21:38:02
8	RABARI BINAL RAGHUBHAI	14 / 30	256	2	CBZ	4-12-2023 21:46:58
9	Vishal jotva	17 / 30	408	4	BZ	4-12-2023 22:10:28
10	CHAUDHARY JITENDRABHAI KURABHAI	10 / 30	316	2	MBZ	4-12-2023 22:40:07
11	DIVYA	27 / 30	227	2	CBZ	4-12-2023 23:19:23
12	DHIRAJKUMAR JIVRAJBHAI CHAUDHARY	7 / 30	367	4	BC	4-13-2023 8:58:33
13	Patel divya kiranbhai	15 / 30	164	2	Pcb	4-13-2023 12:34:12
14	CHAUHAN KIRANSINH BHAGVATSINH	21 / 30	134	2	CBP	4-13-2023 13:00:19
15	RAWAL AMITKUMAR BALWANTSINH	23 / 30	262	2	CBZ	4-13-2023 13:48:04
16	RAVAL HIMANSHI	24 / 30	429	4	ZB	4-13-2023 14:08:51
17	Purvang Bihola	21 / 30	351	4	CB	4-13-2023 14:34:45
18	SOLANKI MITTAL A.	24 / 30	342	4	CB	4-13-2023 14:58:32
19	CHAVDA DEVALBA SETANSINH	15 / 30	427	4	Zb	4-13-2023 17:13:58

Activity – 13

Bird Watching Program at Indroda Nature Park, GEER Foundation, Gandhinagar

The students of Eco club, Department of Botany and Department of Zoology have celebrated 'Wild life Week' at Indroda Nature Park, GEER Foundation, Gandhinagar. The students of college with Dr. M. M. Patel (Botany Department), Dr. M. G. Patel (HOD, Department of Zoology) and Dr. Heena Prajapati (Zoology Department) participated 'Bird watching Program' at GEER Foundation. The main Topic of this Program was "Birds of Gujarat – Overview". Mr. Rupakbhai Solanki (Deputy Director, GEER Foundation) gave an introductory lecture about entire programme. Dr. Ketan Tatu (Senior Scientists) had delivered lecture on "Bird Walk & Expert Talks." He explained the identification of birds and their conservation, their importance in the family. After the lecture, students visited the Indroda park area. Mr. Alapbhai Pandit (Project Co-ordinator) gave information about different birds like silver bills, stork bird, Brahminy kite, pelican and different species of parakeet, rare owls, and spotted owlets (Chibri). He said that birds can be identified not only by looking at them but also by their voice, feathers, color etc. During this program, one volume of Gir Foundation's magazine 'Srishti' and 7 CDs providing information on bird and other wildlife conservation were given to each student. The students of Government Science college have satisfied and gained lot of knowledge about beautiful bird species.

pressnote



સરકારી વિજ્ઞાન કોલેજના વિદ્યાર્થીઓ
ગીર ફાઉન્ડેશન ખાતે ગુજરાતના પક્ષી
વિહંગલોકનના કાર્યક્રમમાં જોડાયા

ગાંધીનગર, તા.૮
સરકારી વિજ્ઞાન કોલેજના
પ્રાણીશાસ્ત્ર અને વનસ્પતિ શાસ્ત્ર
વિભાગ અને ઈકો કલબના
વિદ્યાર્થીઓ, ડો.એમ.જી.પટેલ,
ડો. એમ. એમ. પટેલ, ડો. હીના
પ્રજાપતિએ વન્ય જીવ સમાહની
ઉજવણીના ભાગ રૂપે ઈન્દ્રોદા
ગાર્ડન, ગીર ફાઉન્ડેશન મુકામે
ગુજરાતના પક્ષીઓ-વિહંગલોકન
કાર્યક્રમમાં હાજરી આપી હતી.
આ કાર્યક્રમમાં સરૂઆત સીનિયર
વૈજ્ઞાનિક ડો. કેતન ટાટુ "Bird
Walk & Expert Talks"ના
વ્યાખ્યાન દ્વારા કરવામાં આવી
હતી. જેમાં પક્ષીઓની ઓળખ,

સંરક્ષણ, પ્રકૃતિમિ તેમનું મહત્વ
અને સારસ પક્ષી વિષે ઊંડાણપૂર્વક
માહિતી આપવામાં આવી હતી.

આ સમગ્ર કાર્યક્રમ નું સકળ
સંચાલન ડો. એસ. કે. પટેલ,
ડો.એમ.જી.પટેલ અને ઈકો કલબ



અંતે સરકારી વિજ્ઞાન કોલેજ દ્વારા
રૂપકબાઈ સોલંકી અને તેમની
ટીમની આભાર વ્યક્ત કર્યો હતો,

ટીમ દ્વારા આચાર્ય ડો. એમ. જી.
ભટ્ટના માર્ગદર્શનથી કરવામાં
આવ્યું હતું.

ગાંધીનગર સમાચાર, 9/10/2022

Activity 14

Wild life week celebration

05/10/2022

'Wild life week celebration -2022 Drawing competition on
" Wild life Conservation "





Activity-15

A Lecture on

“Snake and Snake Bite”

Organized by

GEER Foundation, Gandhinagar

06/10/2322

As part of ‘Wildlife Week’ celebrations, the students of Eco Club, Department of Botany and Zoology of Government College of Science attended the “Snake and Snake Bite” lecture held at Anumati GEER Foundation with the permission of Dr M. G. Bhatt Sir. In the beginning of the program, Mr. Irshadbhai (bird breeder) gave great information about "Snake bite awareness".

According to him, a snake is a reptile. The snakes bite us as a part of its self-defence and due to our mistakes. The types of some snake venoms are neurotoxic or hemotoxic according to its effect on our body. After bitten by a snake, first people used to make an incision in that part or peel off that part, now according to WHO, in first aid, avoid movement of affected limb, then a bandage or a cotton scarf should be tied slightly tight 2-3 inch above the snake bite site. The bitten part of the hand or leg must be kept below the heart level. Along with releasing the anxiety and fear, victim must be shifted to the government hospital as far as possible.

Some type of vaccine (ASV-Anti Snake Venom) is given to remove the poison, which may require more frequent doses, which is somewhat cheaper in government hospitals. Even after going to the ASV hospital, the doctor checks the patient's symptoms. The Neurotoxic and hemotoxic snakes poison has different symptoms. If a snake bites by a cobra snake, the symptoms like black heading, taste buds shutting down are signs of ‘Kalotaro’ cobra snake. Such snake bite with neurotoxic poison affects our brain.

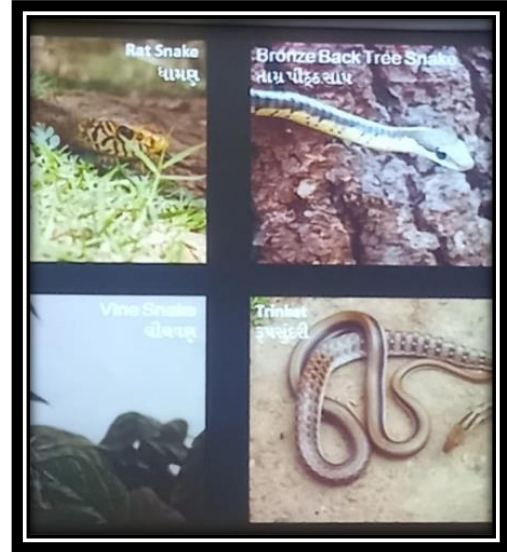
When there is swelling at the site of the bite, it indicates a hemotoxic poisonous snake effect, suggesting a Russell’s viper or kurshaw bite. Black snakes are particularly nocturnal, foraging for rodents, lizards, or other small snakes in residential areas at night. They bite only if we stepped on. There is a belief in the villages that the Russell Viper snake blows and rots but does not bite and it is known as spring snake. As someone passes by, Russell viper snaps his body back very quickly and his nostrils emit a sound like a cooker whistle.

So we don't know whether it was blown or bitten. After this snake bite a ring, a watch or a bracelet should be removed from that part as there is more swelling by its hemotoxic effect. We see more of the fang-shaped cobra called the Spectacled cobra in central Gujarat

At last, Dr. Devanshi Joshi gave information about ophiology (study of snakes). In the lecture she explained that about 58 species of snakes are found in Gujarat, out of them 48 local and 10 aquatics are found. In which aquatic is mostly toxic. An explanation of the characteristics of venomous and non-venomous snakes was given. The smallest snake is the blind thread. Which is seen as thin as the lead of a pencil. Its length is 10 cm. The explanation was given on how snakes are our friends and how to be wary of them.

Chairman of Eco Cub, Dr. Pragnaben Prajapati was present along with the students in this programme.





Snakes in Gujarat

- A total of 58 species of snakes
- 48 terrestrial+10 Marine
- 48= 42 Non-poisonous + 6 poisonous



Activity-16

Government Science College, Gandhinagar

World Wild Life Week Celebration

Essay Competition on “Wild Life of Gujarat”

07/10/2022

“We Don’t own the planet earth, we are on the earth and we live together with Wildlife.”

- John Smith (Wild life Expert)

“જય જય ગરવી ગુજરાત

હરિયાળું સુવર્ણ પ્રભાત “

Government Science College, Gandhinagar have arranged Essay Competition on the occasion of World Wild Life Week Celebration on 7th October, 2022. The students of Eco club and Botany Department have participated in this Event. The students have written their ideas about Plant and Animal Species, Wild Life Sanctuary, National Park, Forest and its conservation etc in their essay. In essay the students says that Gujarat is an absolute treat for the nature lovers as its rich variety of flora and fauna makes home to 402 species of animals and 45 species of Birds. The jungles of Gujarat are home to sizable population of extinct species namely sloth bear, Asiatic lion, Grater Flamingo, Blackbuck, Indian Wild Ass, Indian Bustard to name a few. The students have also written that Gujarat is significantly famous for its wildlife icon of Lions that are found in Gir reserve. Wild life tour to Gujarat are every naturalist dream. One can experience the thrill of best reserve of India in Gujarat as it provide an opportunity to see vivid colour of Wild Life and Nature. They also have mentioned about National parks and Wild life Sanctuary in Gujarat namely Gir National Park, Jessore sloth bear Sanctuary, Jambughoda Wildlife Sanctuary, Barda Hills Wildlife Sanctuary, Narayan Sarovar Wild Life Sanctuary were some of the ideal places for an action packed wildlife holiday in Gujarat.

Landforms of Gujarat are dynamic in nature, from moist deciduous to marine ecosystem, from wetlands to moist deciduous forest, Bird watchers also love Gujarat as it is great place to spot numerous bird Species. Three students’ essays were selected as best 3

essays among 28 students. Dr. M. G. Bhatt Sir, Principal, Government Science College, Gandhinagar, and entire College team have congratulated to all winner students.





GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR



Essay Competition on “Wild Life of Gujarat,” 07/10/2022

Sr. No.	Name	Roll No.	Sem	Group	Winner Rank
1.	Divya Himmantsinh Gohil	227	I	CBZ	First Position
2.	Joshi Dhruvinkumar V.	230	I	PCB	Second Position
3.	Kaushalbhai Bhabhor	235	I	CBZ	Third Position

Activity-17

Elocution Competition "Forest of our friends."

- 05/10/2022



Activity-18

During Wild life Week celebration, Winners have given Prize by Vanshree Trust and Forest Department, Vanchetana, Sector -30 to winners in Drawing Competition held in our College.

11/10/2022

Government Science College, Gandhinagar
"Wild life Week Celebration"
Event : Certificate Given by Vanshree trust and Forest Department, Vanchetana, Sector -30 to winners in Drawing Competition held in our College.
Date : 11/10/2022





Activity – 19

Kitchen garden and Apiculture Programme

Urban training program

Organized by

Urban Horticulture Development Centre, Gandhinagar

and

Government Science College, Gandhinagar

14/02/2023

70 students of Department of Botany, "People" Eco club, Government Science College, Gandhinagar and Urban Horticulture Development Centre, Gandhinagar under the joint initiative Memorandum Of Understanding (MOU) students attended the urban training program held on 14-02-2023 from 9-00 am to 1-00 pm under the guidance of Dr. M. G. Bhatt , Principal Government Science College, Gandhinagar.

In this program, Mr. Maulik Patel (Horticulture Assistant) gave a beautiful and in-depth explanation about how to prepare a kitchen garden and natural farming. Practically explained in which season and in which month to sow the seeds of vegetable class plants like green onion, garlic, fenugreek, coriander, guar, palakh, choli, okra, galka, turiya, dudhi etc. and how to take care of them. Apart from this, the students were informed about the various grafting methods of plant propagation and the method of preparation of dead and second dead.

Mr. Ganapatsinh Vaghela (Honeybee Consultant) gave information about beehive raising and bonsai (dwarf size plants) and at the end of the program yoga-teacher Jyothiben N. Goswami cultivated the mind of the students through meditation and made them feel peace of mind. With the guidance of Farooqbhai Poonj (Deputy Director, Horticulture), Mrs. Vaishali P. Kevadia (Assistant Director, Horticulture) and his team concluded the entire program.

Dr. S. K. Patel HOD of Botany Department of Government Science College, Eco Club Chairman Dr. Pragna Prajapati and her team expressed their gratitude to the Department of Horticulture on behalf of the Government Science College.



"પીપલ" ઇકો ક્લબ વનસ્પતિ શાસ્ત્ર વિભાગ,
સરકારી વિજ્ઞાન કોલેજ સેક્ટર 15 ગાંધીનગર અને 'અર્બન હોર્ટિકલ્ચર ડેવલોપમેન્ટ સેન્ટર '
ગાંધીનગરના સંયુક્ત ઉપક્રમે કોલેજના 70 વિદ્યાર્થીઓએ ક્વિન ગાર્ડન તેમજ મધમાખી ઉછેર વિશે તાલીમ મેળવી.



તાલીમ સ્થળ: કેપિટલ નર્સરી ,ઇન્દ્રોડા પાર્કની સામે, સેક્ટર 8,ગાંધીનગર
તારીખ:14/02/2023
સમય: સવારે 9:00 થી બપોરે 1:00 વાગ્યા સુધી

સરકારી વિજ્ઞાન કોલેજ ખાતે અર્બન ટ્રેનિંગ કાર્યક્રમ યોજાયો



ગાંધીનગર, તા. ૧૫ વનસ્પતિશાસ્ત્ર વિભાગ, “પીપલ” ઈકોકલબ, સરકારી વિજ્ઞાન કોલેજ, ગાંધીનગરના અને અર્બન હોર્ટિકલ્ચર ડેવલપમેન્ટ સેન્ટર, ગાંધીનગરના સયુક્ત ઉપક્રમે ૭૦ વિદ્યાર્થીઓએ આચાર્ય ડૉ. એમ. જી. ભટ્ટના માર્ગદર્શનથી યોજાયેલ અર્બન

ટ્રેનિંગ પ્રોગ્રામમાં હાજરી આપેલ હતી. આ કાર્યક્રમમાં મૌલિક પટેલ (Horticulture Assistant) દ્વારા કિચન ગાર્ડન કેવી રીતે તૈયાર કરવું તથા પ્રાકૃતિક ખેતી વિષે ખૂબ સરસ અને ઊંડાણપૂર્વક સમજૂતી આપી. શાકભાજી વર્ગની વનસ્પતિઓ જેવી કે લીલી ડુંગળી, લસણ, મેથી, ધાણા, ગવાર,

પાલખ, ચોળી, ભીંડા, ગલકા, તૂરિયા, દૂધી વગેરેના બીજને કઈ ઋતુમાં અને કયા મહિનામાં વાવણી કરવી તથા તેની માવજત કેવી રીતે કરવી તે પ્રાયોગિક રીતે સમજાવ્યું. તદ્દપરાંત વનસ્પતિ પ્રસર્જનની વિવિધ કલમ પદ્ધતિ વિષે વિદ્યાર્થીઓને માહિતગાર કર્યા તથા જીવામૃત અને બીજામૃત

તૈયાર કરવાની રીત સમજાવી હતી. ગણપતસિંહ વાઘેલા (Honeybee Consultant) દ્વારા મધપૂડા ઉછેર અને બોનસાઈ (વામન કદના છોડ) વિષે માહિતી આપી તથા કાર્યક્રમના અંતે યોગ-શિક્ષક જ્યોતિબેન એન. ગોસ્વામીએ મેડિટેશન અને ધ્યાન દ્વારા

વિદ્યાર્થીઓને મગજની ખેતી કરાવી માનસિક શાંતિનો અનુભવ કરાવ્યો. ડૉ. ફારૂકભાઈ પૂંજ (Deputy Director, Horticulture) ના માર્ગદર્શનથી વૈશાલી પી. કેવડીયા (Assistant Director, Horticulture) અને તેમની ટીમે એ સમગ્ર કાર્યક્રમનું સમાપન કર્યું હતું.

કોલેજના યુવાનોને પ્રાકૃતિક ખેતીની માહિતી અપાઈ



વનસ્પતિશાસ્ત્ર વિભાગ, પીપલ ઈકોકલબ, સરકારી વિજ્ઞાન કોલેજ, અને અર્બન હોર્ટિકલ્ચર ડેવલપમેન્ટ સેન્ટરના ઉપક્રમે ૭૦ વિદ્યાર્થીઓએ આચાર્ય ડા. એમ. જી. ભટ્ટના માર્ગદર્શનથી અર્બન ટ્રેનિંગ પ્રોગ્રામમાં હાજરી આપી હતી. કાર્યક્રમમાં મૌલિક પટેલ દ્વારા કિચન ગાર્ડન કેવી રીતે તૈયાર કરવું તથા પ્રાકૃતિક ખેતી વિષે ઊંડાણપૂર્વક સમજૂતી આપી હતી.

Activity-20

“Eco Club Project Work on Save Earth”

Pratik Panada Students have submitted Project on the theme of “Save Earth.”



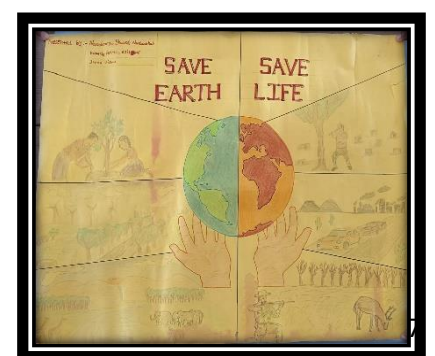
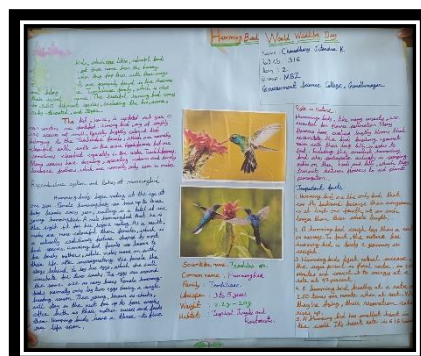
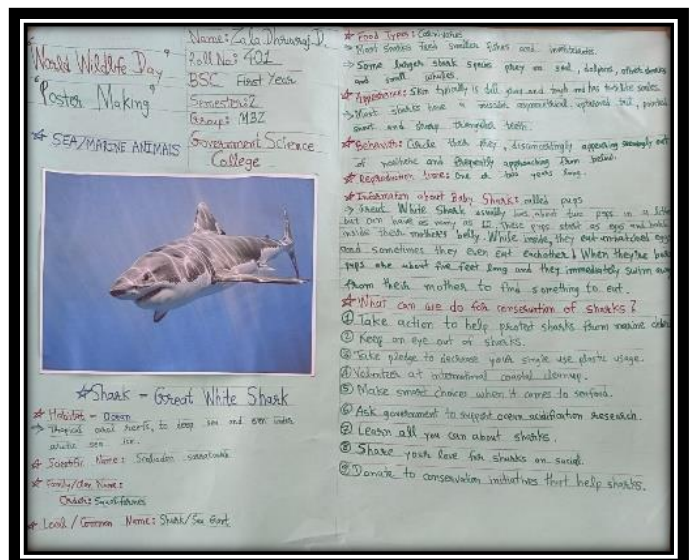
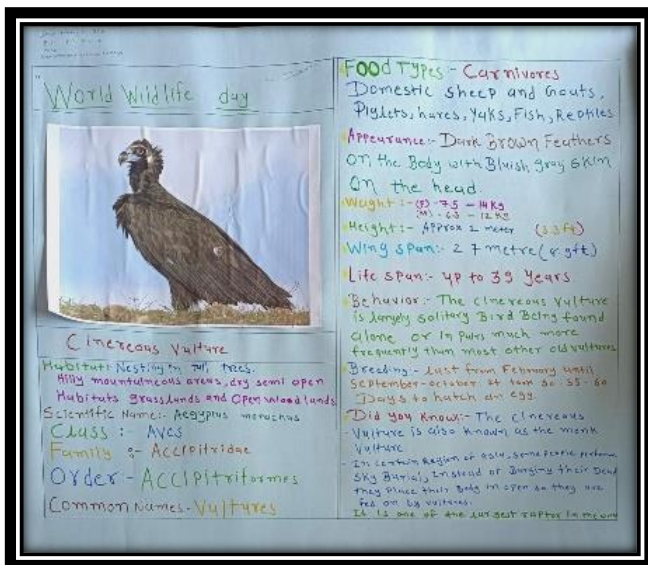
Activity-21

World Wildlife Day – Poster Making Event

03/03/2023

World Wild Life Day was celebrated on 03/03/2023 by Eco Club students of Government Science College, Gandhinagar by making pictures to raise awareness about the declining number of wild lives globally. 'Poster making competition: Theme – Wildlife' was held on the part of celebration of the day.

On March 3rd, 1973 the United Nations General Assembly took a stand to protect endangered species throughout the world whether plant or animal, the importance of these species in every area of human life, from culinary to medical, could not be understated. World Wildlife Day to celebrate and raise awareness of the world's wild fauna and flora.



Activity-22

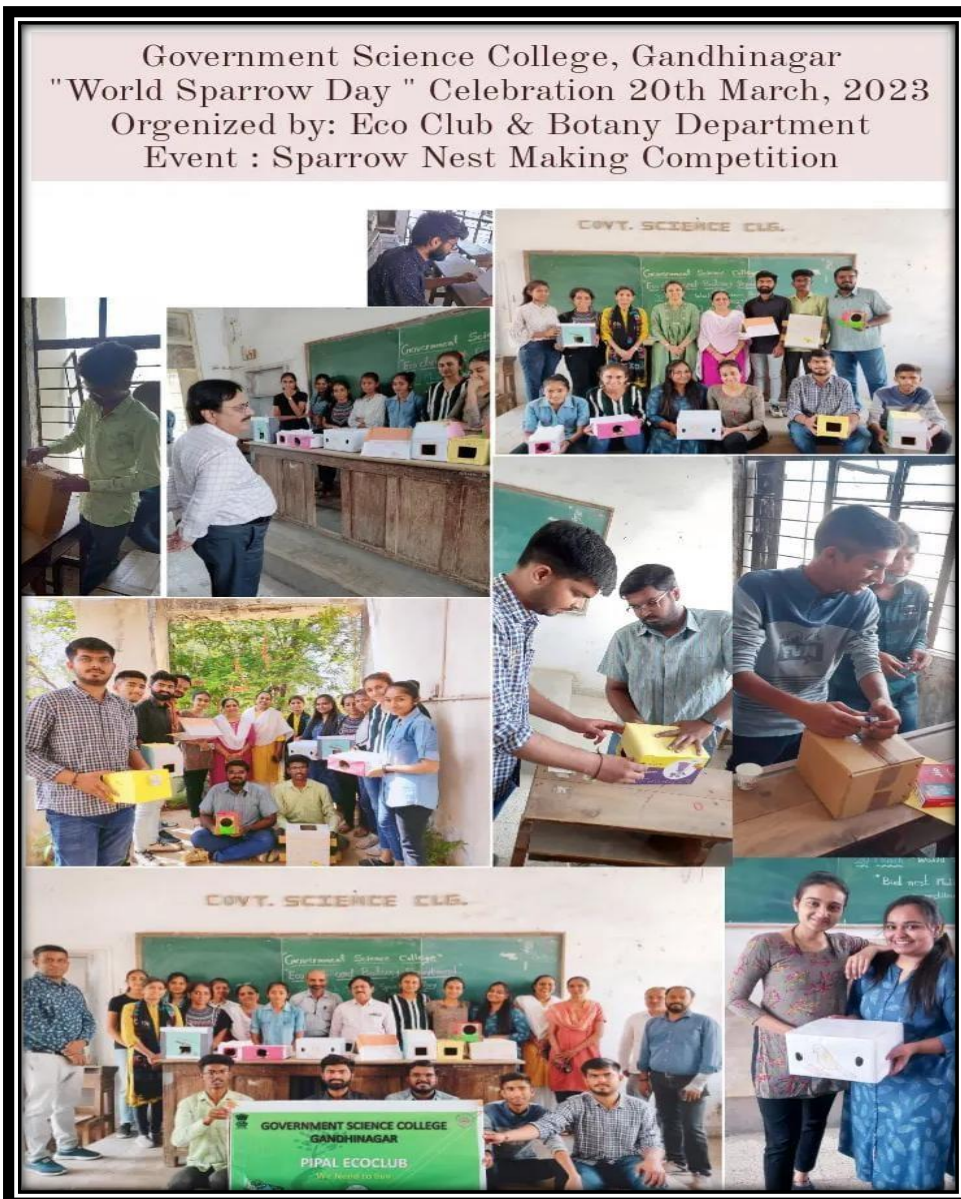
World Sparrow Day

DATE: 20/3/2323

On 20th March 2023, the World Sparrow Day was celebrated in Government Science College organised by Eco Club and Botany Department, Government Science College.



The ‘Sparrow house making competition’ programme was held on the part of celebration of the day. Students have made different types of sparrow house of different and beautiful designs from waste material in the college like cardboard, paper, threads etc.



સરકારી વિજ્ઞાન કોલેજમાં ઇકો ક્લબ અને વનસ્પતિ શાસ્ત્ર વિભાગ દ્વારા “વિશ્વ ચકલી દિવસ” ની ઉજવણી

ગાંધીનગર, તા.૨૧
સરકારી વિજ્ઞાન કોલેજ,
ગાંધીનગરમાં આચાર્ય
ડૉ.એમ.જી.ભટ્ટના માર્ગદર્શનથી
ઇકો ક્લબ અને વનસ્પતિશાસ્ત્ર
વિભાગ દ્વારા આયોજિત “વિશ્વ
ચકલી દિવસ” નિમિત્તે ચકલીના
માળા બનાવવાની સ્પર્ધા યોજાઈ
હતી. જેમાં કોલેજના
વિદ્યાર્થીઓએ ઉત્સાહપૂર્વક ભાગ
લીધેલ હતો.

વિદ્યાર્થીઓએ કોલેજમાં
જુની જનલ, નોટબુક અને નકામા
ખોખાના પૃષ્ઠાનો ઉપયોગ કરી
વેસ્ટમાંથી ખેંચે એવા ચકલીના
સુદર માળા બનાવ્યા હતા.
ચકલીના માળાને રંગીન કાગળ



રૂ, લીમડાની સળિયાં અને
રંગબેરંગી કલરનો ઉપયોગ કરી
જુદી જુદી ભાતના માળા બનાવેલ
હતા. નિર્ણાયકો દ્વારા આ
સ્પર્ધામાં પ્રથમ ક્રમાંકે દેવે નિખિલ

પી., દ્વિતીય ક્રમાંકે પુનડિયા ધવલ
અને ચૌહાણ નિરાલી તથા તૃતીય
ક્રમાંકે મકવાણા નિલેશ અને
જાલા મુવરાજસિદ આવેલ હતા.
વિજેતા અને ભાગ લીધેલ

તમામ વિદ્યાર્થીઓને
વનસ્પતિશાસ્ત્ર વિભાગના
અધ્યક્ષ ડૉ. એસ.કે.પટેલ અને
તથા કોલેજ પરિવારે અભિનંદન
પાઠવેલ હતા.

સરકારી વિજ્ઞાન કોલેજ ખાતે ચકલી દિવસ ઉજવાયા



સરકારી વિજ્ઞાન કોલેજ ગાંધીનગર દ્વારા વિશ્વ ચકલી દિવસની ઉજવણી
કરવામાં આવી હતી. જે અંતર્ગત કોલેજના વિદ્યાર્થીઓ દ્વારા ચકલીના
માળા બનાવવામાં આવ્યા હતા.

Activity-23

International/World Forest Day

DATE: 21/3/2023

International forest day was celebrated on 21ST March. 2023 in Government Science College. The Plantation programme was held in campus as a part of celebration of the day. Students have planted and flourished the college with different medicinal plants and ornamental plants in beautifully designed pots.



The International Day of Forests was declared on the 21st day of March, by resolution of the United Nations General Assembly on November 28, 2013. Each year, various events organised to raise the awareness of the importance of trees in all types of forests and trees outside forests for the benefit of current and future generations.







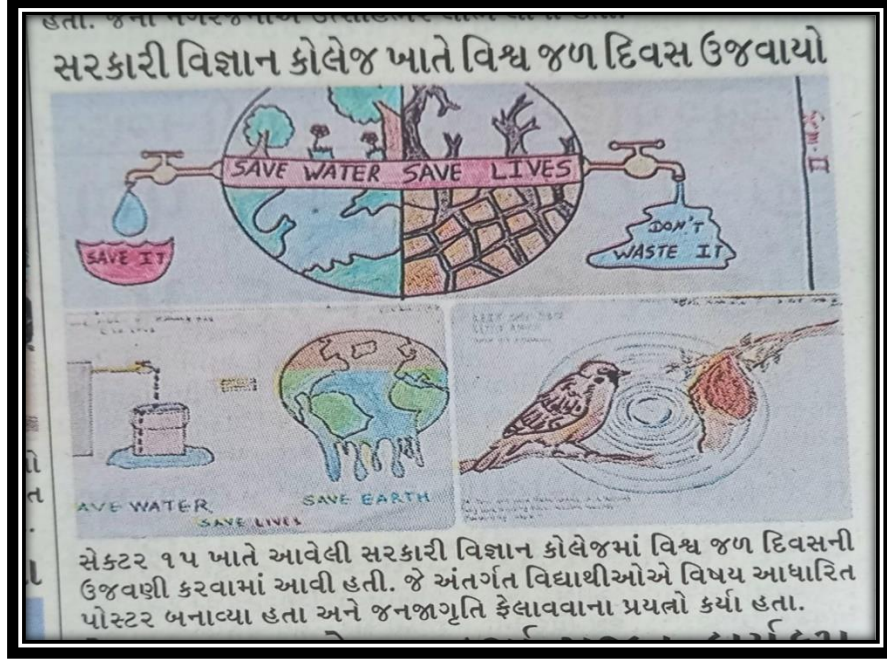
Activity-24

World Water Day

22/3/2023

World Water Day was celebrated on 22nd March 2023 in Government Science College. On this day, a 'Poster making competition: Theme – Save Water' was held on the part of celebration of World Water Day. The students of Government Science College have made different types of Posters of various beautiful designs giving message to Save Water and the posters were submitted to Eco Club.





Activity-25

27/03/2022

Students of Government science College have prepared terrarium Plants and Seed Paper.

Students of Eco club and Department of Botany have Prepared Terrarium Plants
Date :27/03/2023





Activity-26

ORGANIC WORKSHOP: Sustainable Lifestyle Practices

Organized by

GEER Foundation, Gandhinagar

28-29/4/2023

The students of Eco Club of Government Science College, Gandhinagar and the students of Department of Botany, Government Science College, Gandhinagar participated in two days training workshop on “Sustainable Lifestyle Practices”. This two-day workshop was organized from date 28/03/2023 to date 29/03/2023 by GEER Foundation at Aranya Park with the approval of Dr. M. G. Bhatt Sir, the principal in Government Science College, Gandhinagar.

In this workshop, the topics like Greening techniques, Organic Farming as well as the importance of Conservation and Enrichment of local biological diversity as part of adopting a sustainable lifestyle were delivered with easy way by the subject experts.

On the first day of 28/03/2023 Dr. Rupakabhai Solanki (Deputy Director, GEER Foundation) outlined the entire two-day programme. Mr. Alapbhai Pandit (Project Coordinator, GEER Foundation) gave an explanation about Mission Life Style for Environment (Life). Then, the invited guest Shri. B. R. Solanki explained about Greening Techniques, Terrace Garden, Plantation, Water Conservation, to make composed fertilizer.

Mr. Bharatbhai Hadia (KVK, Randheja) explained how to do natural farming and its different methods and explained how to prepare manure for it. He also explained about Bij-amrut, Jiv-amrut, Wapsa, Achchadan, Mixed Crops, Nano Urea and ICAR. He taught in details how to make Jiv-amrut by mixing things like cow dung, urine, soil, jaggery, gram flour and explained how to use it. At the end of the program, Mr. Bhaveshbhai Trivedi (Asst. Program Coordinator, GEER Foundation) organised students-visit to Aranya Park and explained in details about various medicinal plants and gives details about different butterfly's species.

On the second day dated 29/03/2023 the field trip to Thol, the Bird Sanctuary was organized by this Environment Education Department of GEER Foundation. As part of this field trip, an in-depth understanding of the habitat system of the flooded area was given and detailed information on identification of different types of birds was given by the experts of GEER Foundation named Mr. Bhavesh Bhai Trivedi and Irshadbhai Theba. Apart from this

on way while traveling, Mr. Bhavesh Bhai Trivedi and Irshadbhai Theba drew the special attention of the students about how we, the humans polluted the various natural habitats and make the student understand about various measures to fight against pollution like minimum use of plastic, use of recycling materials and how to reuse waste.

The Kits and Certificates were distributed to all students by GEER Foundation at the end of programme. In this two-day training, Dr. Pragnaben Prajapati and Dr. Rohitbhai Patel the teachers of the Eco Club and the Department of Botany were present in this workshop along with their students.

સરકારી વિજ્ઞાન કોલેજના વિદ્યાર્થીએ અરણ્યપાર્ક ખાતે તાલીમ કાર્યશાળામાં ભાગ લીધો

ગાંધીનગર, તા. ૩૦ સરકારી વિજ્ઞાન કોલેજના ઈકો ક્લબ અને વનસ્પતિશાસ્ત્ર વિભાગના વિદ્યાર્થીઓએ અરણ્યપાર્ક ખાતે ગીર ફાઉન્ડેશન દ્વારા યોજાયેલ "Sustainable Lifestyle Practices" અંગેની બેદિવસીય તાલીમ કાર્યશાળામાં ભાગ લીધો હતો.

સરકારી વિજ્ઞાન કોલેજ, ગાંધીનગરના ઈકો ક્લબ અને વનસ્પતિશાસ્ત્ર વિભાગના વિદ્યાર્થીઓએ આચાર્યશ્રી ડૉ. એમ. જી. ભટ્ટની મંજૂરીથી અરણ્યપાર્ક ખાતે ગીર ફાઉન્ડેશન દ્વારા યોજાયેલ બેદિવસીય તાલીમ કાર્યશાળામાં ભાગ લીધો હતો. જેમાં વિષય તજજ્ઞો દ્વારા સાતત્ય જીવન શૈલી અપનાવવાના ભાગ રૂપે ગ્રીનીંગ

ટેકનિક, ઓર્ગેનિક ફાર્મિંગ તેમજ સ્થાનિક જૈવિક વિવિધતા અંગે સમજ કેળવી તેના સંરક્ષણ અને સંવર્ધનના મહત્વને સમજવા જેવી બાબતો સાંકળી લેવામાં આવ્યા હતા. પ્રથમ દિવસે ડૉ. રૂપકભાઈ સોલંકી (નાયબ નિયામક, ગીર ફાઉન્ડેશન) એ સમગ્ર બે દિવસીય કાર્યક્રમની રૂપરેખા આપી હતી. આલાપભાઈ પંડિત (પ્રોજેક્ટ કોઓર્ડિનેટર) Mission Life style for Environment (Life) વિષે સમજૂતી આપી હતી. ત્યારબાદ આંમંત્રિત મહેમાન બી. આર. સોલંકીએ ગ્રીનીંગ ટેકનિકમાં ક્રિયન ગાર્ડન, ટેરેસ ગાર્ડન, પ્લાન્ટેશન, ટ્રાફિક સિગ્નલ અને રેલવે કોસીંગ સમયે આપણાં વાહનોને બંધ રાખવા, પાણીનો બચાવ કરવો, પ્લાસ્ટિકની

જગ્યાએ કપડાંની ભેગનો ઉપયોગ કરવો, ઈલેક્ટ્રોનિક વેસ્ટનો નિકાલ કરવો, શાકભાજી-ફળોના લીલા કચરામાંથી ખાતર તૈયાર કરવું વગેરેની સાચી સમજ આપી હતી. ત્યારબાદ ભરતભાઈ હડિયાએ પ્રાકૃતિક ખેતી કેવી રીતે કરવી, તેની પદ્ધતિઓ વિષે તથા તેના માટેના ખાતર કેવી રીતે તૈયાર કરવા તેની સમજૂતી આપેલ હતી. તદ્દપરાંત બીજામૃત, જીવામૃત, વાપ્સા, આચ્છાદન, મિશ્ર પાક, નેનો યુરિયા વિષે માહિતગાર કર્યા હતા તથા વ્યાખ્યાનના અંતે ભરતભાઈએ દેશી ગાયનું ગોબર, મૂત્ર, માટી, ગોળ, ચણાનો લોટ જેવી વસ્તુ ભેળવી જીવામૃત બનાવતા શિખવાડ્યું અને તેનો કેવી રીતે ઉપયોગ કરવો તે સમજાવ્યું. બીજા દિવસે ગીર

ફાઉન્ડેશનના આ પર્યાવરણ શિક્ષણ વિભાગ દ્વારા થોલ પક્ષી કરવાની વિસ્તૃત માહિતી આપી હતી. તમામ વિદ્યાર્થીઓને ગીર ફાઉન્ડેશન દ્વારા કીટ અને સર્ટિફિકેટનું વિતરણ કરવામાં આવ્યું હતું. આ બે દિવસીય તાલીમમાં સંસ્થાના ઈકો ક્લબ અને વનસ્પતિ શાસ્ત્ર વિભાગના અધ્યાપકો ડૉ. પ્રજ્ઞાબેન પ્રજાપતિ અને ડૉ. રોહિતભાઈ પટેલે વિદ્યાર્થીઓ સાથે હાજરી આપી હતી.





GANDHINAGAR

Students of Eco Club and Department of Botany
Participated Workshop on "Sustainable Lifestyle
Practices" at Aranya Park, GEER Foundation.

Date : 28/09/2023 to 29/03/2023



Activity-27

International Earth Day Celebration Students of Government Science College have



collected Waste Plastic from Indroda nature Park Campus.





Conclusion

Our Vedas suggests that nature offers us so many things, therefore, it is one's duty to pay the nature back by preserving its beauty in every way possible. This Vedic principle is the spark for the inception of Eco Club, a venture organized by the Botany department of the Government Science College Gandhinagar. The sole purpose of this club is to aware people and itself with the eco-friendly and environment protection policies. This report summarizes all the activities organized and participated by the students of Eco Club for the academic year 2022-23. The activities organized this year not only consists of preservation of flora and fauna through policies but also includes divine activities like Eco-friendly Ganesha idol making. The students and committee members worked very hard for the success of each event and making it as much fruitful as possible. All the activities were carried out under the chief guidance and encouragement of our Principal, Dr. M. G. Bhatt Sir and Chairperson of the Botany Department, Dr. S. K. Patel Sir. The Eco-Club also acknowledges the support of the GEER Foundation and the Horticulture Department throughout the academic year. This club will continue to contribute such activities for the years to come.
