

#### Government Degree College Khairatabad Hyderabad-500004 (Affiliated to Osmania University)



## Environment Protection Training Research Institute (EPTRI), Hyderabad Assessment of Market Potential for Single Use Plastic (SUP) & Availability of alternatives to SUP in selected ULBs

(GHMC-14.11.2022 to 16.11.2022)
(KHAIRATABAD & SECUNDRBAD CIRCLES, GHMC)

#### **REPORT**

Vide File No.CCE-AC/GEN/22/2022-ACADEMIC CELL, dated 16.10.2022, EPTRI, Hyderabad has conducted Training of Trainers (ToT) Programme on Climate Change & Single Use Plastic to carry out Assessment of Market Potential for Single Use Plastic (SUP) and availability of alternatives to SUP in the Telangana State. Seven ULBs have been selected based on the population to carry out the survey through interview method with individual consumers, stockiest, retailers, local shopkeepers and with the bulk consumers.

GHMC is one among the seven ULBs and three colleges from GHMC have been identified for carrying out the assessment. Govt. City College is one of the three colleges and three faculty members from the college were trained on 17th October, 2022 to carry out the assessment from 14thNovember, 2022.

Vide File No. CCE-AC/GEN/22/2022-ACADEMIC CELL dated 12.11.2022, **Dr.G.Srinu**, Asst. Prof. of Sanskrit, **A Ramana**, Asst. Prof. of Commerce, **B.Sofia Rani**, Asst. Prof. of Botany have selected students from various UG programme to do the survey in the allotted circles

i.e. Khairatabad & Secundrabad. A total of 30 students have carried out the assessment from  $14^{th}$  to  $16^{th}$  Nov' 2022 under the supervision of their teacher mentors.

The survey was done by the enumerators/students successfully in the allotted areas of the respective circles. They have interacted with the individual consumers, retailers, local shopkeepers and with the bulk consumers to know about the usage of SUP and the awareness among public regarding the alternatives to SUP.

As per the feedback submitted by the students, they are happy on being selected for the survey. They said that it was a good opportunity for them to go into public and conduct a study. As per their feedback, retailers/shop keepers are hesitant to disclose the information of SUP used and the expenditure met for the same. Most of them are aware of the damaging effect on our environment and they said that individual should be

given more awareness and government should take necessary action on the manufacturing of SUP. When SUP is not available in the market, everyone will go for the alternatives. Students have come up with the ideas that

- > The damage caused by the single use plastic can be publicized through reels and shorts as done in the case of use of ghutka, cigarette etc.
- ➤ The Educational institutions should give wide awareness to the students on the damage caused due to SUP and usage of alternatives, so that they can spread the same in their communities and also will becareful, watchful on the SUP.
- > The consumers may be given a small discount if they carry an alternative to SUP when they go to market.

Further students are also happy that the survey has helped them to enhance their communication skills and listening skills. The following students have participated in the

S No	Name of the Student/Faculty	Prog.	S No	Name of the Student/Faculty	Prog
1	V.Ravikiran	II B Com CA	16	Kalyan Athota	II B Com (tax)
2	V.Srinivas	II B Com CA	17	Bhanu Prasad	II BSC
3	S.Geethanjali	II B Com CA	18	P.Mahesh	II BSC
4	G.Tharun	II B Com CA	19	Pavani	II BSC
5	S.Sowmya	II B Com CA	20	Bhargavi	II BSC
6	TV.Sujana	II B Com CA	21	Swetha	II BSC
7	B.Pooja	II B Com CA	22	Akhilesh	II BSC
8	J.Kiran Kumar	II B Com CA	23	Sai Sri	II BSC
9	M.keerthan Reddy	II B Com CA	24	Mounika	II BSC
10	Pooja	II B Com CA	25	Laxmi Prasanna	II BSC
11	Prakash	II BBA	26	Sai Latha	II BSC
12	Shirdesh	II BA	27	Bhavani	II BSC
13	Vinod	I BBA	28	Sucharitha P	II BSC
14	Rohith	II BBA	29	M Rithesh	II BSC
15	Yamuna	II BBA	30	Vyshnavi	II BSC

GOVT DEGREE COLLEGE KHAIRATABAD EPTRI SURVEY								
Date	Lecturer	No. of Students	Zone	Bulk Sample	Sales Sample	Consumer Sample	Total	
	Dr.G.Srinu	9	Secundrabad	12	66	14	92	
14.11.2022	B.Sofia Rani	11	Khairatabad		28	18	84	
	A.Ramana	6	Secundrabad&Khairatabad	8	32	2	42	
	Dr.G.Srinu	9	Secundrabad	21	183	13	217	
15.11.2022	B.Sofia Rani	10	Khairatabad	45	150	51	246	
	A.Ramana	10	Secundrabad&Khairatabad	11	129	31	171	
	Dr.G.Srinu	10	Secundrabad	0	104	47	151	
16.11.2022	B.Sofia Rani	11	Khairatabad	25	63	62	150	
	A.Ramana	9	Secundrabad&Khairatabad	11	85	22	118	
TOTAL		171	840	260	1271			

## 14-05-2022









## 15-05-2022









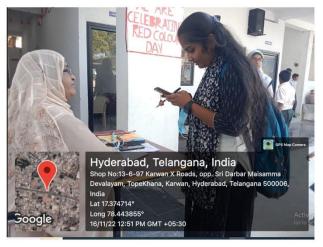
16-05-2022





## 16-05-2022





### **Aims and Objectives of Single use Plastics:**

The objective is to identify items of everyday utility that are used once and thrown and added to litter. This is why the list of banned items includes ear buds, cutlery, straws and carry bags.

Furthermore, single-use plastic products have been enlisted in the fight against food waste, keeping food and water fresher for longer and reducing the potential for contamination. Because of its safety, flexibility and cost-effectiveness, plastic is the material of choice for these types of products.

## Students Experience:

**Kiran Kumar:** I was a great experience , we have developed our interaction skills and this survey helped in knowing about the environmental issues and it overall developed the skills and caliber of the student.

**Bhanu Prasad:** It was a great initiative taken by EPTRI a very good platform to know the market and people. Many people supported a lot all thought some people did not but it was a great experience.

**Prakash:** Few are understanding for what purpose we came over there they are understanding but some people not supported to us and not responded

## SWATHANTRA BHARATHA VAJROTSAVALU VAJROTSAVA VANAMAHOTSAVAM TREE PLANTATION PROGRAMME

(10/8/2022)

In the context of the 75 years of India's Independence the Government of Telangana has decided to celebrate "SWATHENTRA BHARATHA "VAJROTSAVALU" of 2022. As part of this occasion "VAJROTSAVA VANAMAHOTSAVAM" Programme was organised by Dept of Botany on 10th of August 2022. Chief guest Honourable MLA Sri.DanamNagendergaru Sri.Prabhakargaru,our college Principal Dr.B.Rajenderkumar ,vice Dr.V.Vijayalakshmi Dept.of Botany head principal Smt.B.SofiaRani,DR.P.Vijaya NCC Officer, Dr. K. Sarojinichakravarthy NSS Officer and all staff members NCC cadets ,NSS Students actively participated and made the programme grand success.









S.No.	District	Name of the College	Type of college Govt/Aided /Private	NO.of students/Facult ies participated in the programme	Names of the Saplings/Spe cies planted	NO.of Saplings planted in each species	Total No, of Saplings planted
1.	HYDERABAD	GDC KHAIRATABAD	GOVT	150/50	Cassava sps. Guava sps. Sauropus sps. Croton sps.	10 10 10 10	50
					Sesamum sps.	10	

# GDC KHAIRATABAD HYDERABAD DEPARTMENT OF BOTANY TELANGANA KU HARITHAHARAM

(30/7/2022)

On 30<sup>th</sup> July 2022 Tree Plantation Programme organized as a part of TelanganakuHarithaharam.Dr.P.Vijaya Reddy Corporator GHMC Khairatabad along with GHMC Staff distributed plant saplings in the college campus.Our College Principal Dr.B.RajenderKumar garu and Vice Principal Dr.V.Vijayalakshmigaru Staff &students actively participated in the programme.SaplingslkePongamiapinnata,Tecomastans,Yellowtrumpe ts,some other ornamental plants near Commerce block and NCC room. 100 saplings were planted and saplings are adopted by staff members .50 students are participated.







S.No.	District	Name of the	Type of	NO.of	Names of the	NO.of	Total
		College	college	students/Facult	Saplings/Spe	Saplings	No, of
			Govt/Aided	ies participated	cies planted	planted	Saplings
			/Private	in the	ores prantea	in each	planted
				programme		species	
	HYDERABAD	GDC			Tecoma sps.	20	
1.	HIDERABAD	KHAIRATABAD	GOVT	50/30	Croton sps.	10	
					Pongamia sps.	10	100
					Areca palm	20	
					Vodelia sps.	20	
					Jinora sps.	20	

#### GOVERNMENT DEGREE COLLEGE, KHAIRATABAD

#### **NSS ACTIVITIES 2022-2023**

#### AZADI KA AMRIT MAHOTSAV CLOSING CERMONY

As per the CCE instructions, NSS and NCC of Government Degree College, Khairatabad students and staff nearly 500 strength participated in **closing ceremony of Azadi Ka Amrit Mahotsav** at L.B. Stadium on **22-08-2022**. Our honourable C.M. Shri K. Chandra Shekhar Garu graced the celebrations and stressed about our Telangana culture and customs. Cultural events performed by the state sangeeth natak academy programmes like deepanjali, patriatic songs etc.



#### WORLD DIABETIC DAY RALLY

NSS & NCC in collaboration with Maxi Vision Super Speciality Eye Hospital, Begumpet organised **Rally** on **14-11-2022** to create awareness **on diabetic and blindness** caused by diabetes on the occasion of World Diabetic Day 2022 Campaign. About 358 NSS volunteers, NCC cadets and students participated.







#### **COMMUNAL HARMONY CAMPAIGN**

NSS and NCC of Government Degree College Khairatabad organized **Communal Harmony Campaign on 25-11-2022** from college campus to Chintal Basthi surroundings, in view of The National Foundation for Communal Harmony Week and Fund Raising. About 107 NSS volunteers and NCC cadets along with NSS programme officer Dr. Anuradha Challa, and NCC officer Dr. P. Vijaya participated in awareness rally.



#### WORLD AIDS DAY AWARENESS RALLY

NSS and NCC of Government Degree College, Khairatabad conducted an **awareness** rally in view of world aids day on 01-12-2022 from college to chintal basthi surroundings. In this programme about 40 NSS volunteers and 30 NCC cadets along with programme officer Dr. Ch. Anuradha and NCC officer Dr. P. Vijaya participated.





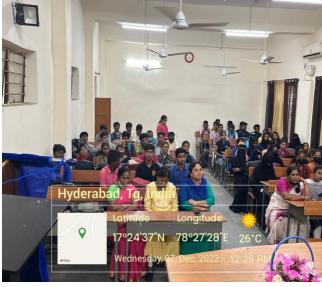
#### INTRODUCTION TO LEO CLUB

NSS Units- I & II of Government Degree College, Khairatabad in collaboration with Lions Club International organised a programme on "Introductory to Leo Club" on 07-12-2022. About 56 NSS volunteers and NSS Units- I, II, III & IV Programme officers participated.









#### BLOOD DONATION CAMP

NSS I,II,III&IV Units Government Degree College, Khairatabad conducted Blood Donation Camp on 11-04-2023 at college premises in association with Osmania General Hospital Blood Bank, Afzal Gunj, Hyderabad, Government of Telangana. Blood Bank Incharge Ms. Suvarna Kumari PRO and other faculty members attended and collected blood from donars around 50 including staff and students of the government degree college, Khairatabad. For this our respected Principal sir Dr. B. Rajendra Kumar, NSS programme offficers, Bhagya Committee Convener, NCC officer received appreciation letter from the Osmania General Hospital.





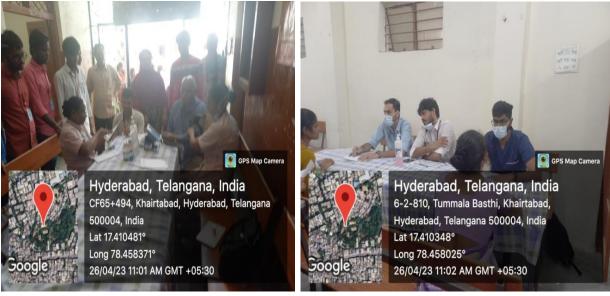




#### FREE HEALTH CAMP

NSS I,II,III & IV Units, Government Degree College, Khairatabad organised **free health camp** at college campus on **26-04-2023** in association with Apollo Institute of Medical Sciences and Research Hospital, Jubilee Hills, Hyderabad. On this occasion Dr. DSR Rajender Singh, JD and Dr. G. Yadagiri, RJD O/o CCE TS, Hyderabad, attended as chief guests and appreciated the Principal Dr. B. Rajendra Kumar and NSS programme officers. As part of this doctors checked B.P., Sugar, bones density test and general physical health related issues and gave advises on health tips. About 70 including staff (20) and students (50) participated.





#### TELANGANA 10K RUN 1st EDITION

NSS & NCC of Government Degree College, Khairatabad participated in **Telangana 10K run 1**<sup>st</sup> **edition on 07-05-2023** at Necklace Road, Peoples Plaza organised by Global Events and Entertainment. In this event our college NSS volunteers about 20 along with NSS Unit-III programmeofficer Dr. Ch. Anuradha. And also NCC officer Dr. P. Vijaya along with 30 NCC Cadets participated. All the participants received certificates and medals.



#### WORLD DIABETIC DAY RALLY

NCC cadets in collaboration with Maxi Vision Super Speciality Eye Hospital, Begumpet conducted a rally on 14-11-2022 to create awareness on diabetic and blindness caused by diabetes on the occasion of World Diabetic Day 2022 Campaign. About 58 NCC cadets and 200 students were participated.

#### **BLOOD DONATION CAMP**

Government Degree College, Khairatabad 2/1 Coy NCC, NSS 4 units and Bhagya committee in association with Osmania general hospital Blood Bank Department Afzal Gunj, Hyderabad, ,conducted Blood Donation Camp on 11-04-2023 at college premises . Blood Bank Incharge Ms. Suvarna Kumari PRO and other faculty members attended and collected blood from students and staff around 45 donars .In this our Principal sir Dr. B. Rajendra Kumar, NSS programme offficers, Bhagya Committee Convener, NCC officer received appreciation letter from the Osmania General Hospital.







#### TELANGANA 10K RUN 1st EDITION

2/1 Coy NCC cadets of Government Degree College, Khairatabad participated in **Telangana 10K run 1**st edition on 07-05-2023 at Necklace Road, Peoples Plaza organised by Global Events and Entertainment. In this event our college NCC cadets about 20 members along with NCC officer It Vijaya attended . All the participants received certificates and medals. Group Commander ,Hyderabad group Col .Anil kumar yadav also actively took part in this event , and he received appreciation from the organizers.



