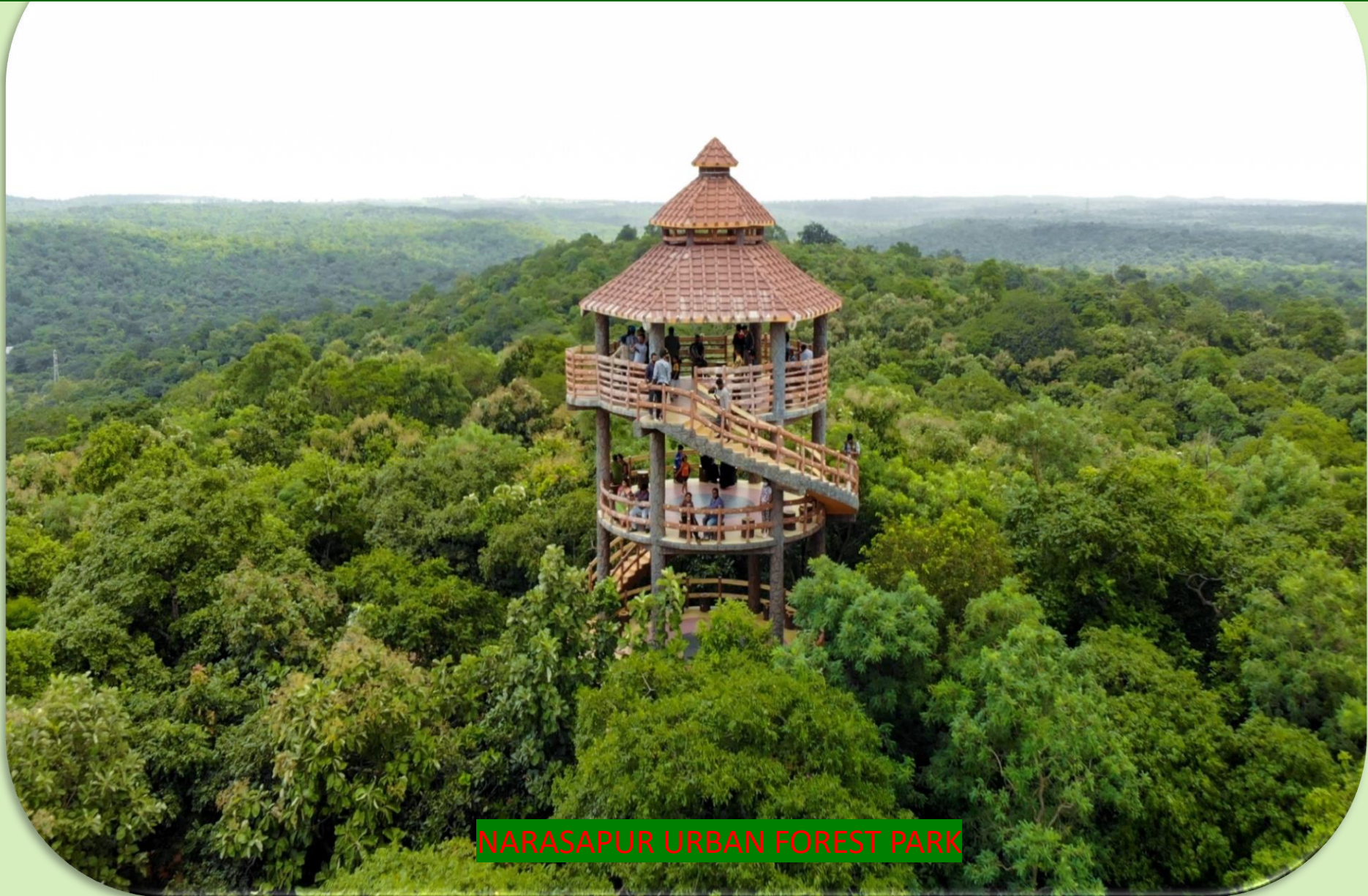




Telangana's Green Journey

Natures luxury



NARASAPUR URBAN FOREST PARK

Why do we need Greenery

- Plant a tree today for a better tomorrow
- trees and birds-Dr.APJ Abdul kalam
- Mornng walk –everyone needs a urban park
- Rulers from the history who emphasized the importance of greenery
- Today too.....leaders...PM/CM /PRESIDENTS
- Why– is the most pertinent question for Administrators
- Greenary is a luxury

- Sink –source
- Nature has a balancing rhythm
- When there is disturbance in the rhythm we have glaring examples
- Los angels fire
- Delhi pollution
- Uttarakand fires Wayanad landslides
- Receding of the Gangotri glaciers
- At this critical phase –share a big success story from the youngest state of our country

- ❖ Total Geographical Area of the State: 112.10 lakh ha
- ❖ Total Forest Area of the State : 26.90 lakh Ha/ 66 lakh acres
- ❖ Percentage Forest Cover : 24.05% marginally better than the national average of 21.34%.

Telangana State's efforts

From dry parched land to a green state today

Development of greenery is one of the flagship programme and is a large-scale tree-planting program implemented by the Government of Telangana launched during 2015-16 and still on

- ❖ The great green wall of China campaign
- ❖ Amazon forest restoration programme
- ❖ Govt of Telangana initiative Harithaharam and now Vanamahotsavam the green initiative is on

Objectives

- To increase the green cover in Telangana state from 24 to 33 %
- Rejuvenate degraded forest and create urban lung spaces
- To involve people on campaign mode and bring in the culture of greenery in the society
- To create awareness on forests and greening

- To achieve the above are two-fold; one is rejuvenation of forest areas and the other, planting outside Forest areas.
- Traditionally greenery was the work of FD
- How it was done differently in the state of TG
- **230 Crores** saplings target
- As on date Telangana has planted 310 crores of plantation both by rejuvenation (**13.44 lakh acres**) of natural forest from the existing root stock in degraded forest areas and planting outside the forest areas.

Telangana Municipal / GHMC Act- 2019 For Urban Areas

- Specialized Urban Forestry wing & Green Cells
- (5) years Green action plan
- Green Budget of 10% will be obligatory
- One nursery in every ULB to cater the seedlings
- Responsibility on Public representatives-the sarpanch of GP and ward member shall be disqualified and removed for less survival of plants
- The layout owner shall reserve 10% of the land towards open space for parks
- Certain number of trees shall be planted in the open area in the plot where building is being constructed

Initiatives Outside the Forest area

- Nurseries have been established in each and every Gram Panchayat and Municipality. So far 14,864 nurseries have been established in the State.
- Following Every Friday is Watering Day in the state
- Tractors and Trolleys have been purchased for watering the plants and transportation of the plants etc.
- The state Government has amended the Panchayat Raj and Municipality Acts. It's mandatory to ensure 85% survival of plants planted
- 10% of Green Budget has been made for GPs and Municipalities.

Initiatives Outside the Forest area

- “Telangana Haritha Nidhi” is established, which is a first of its kind in the country (G.O. Copy)
- Established 30,981 Green Brigades teams with 4,83,203 members and Haritha Rakshana Committees at Gram Panchayat and municipality level to protect the plants .
- Geo tagging is done to all the plantations to ensure 100% survival.
- Haritha Mitra Awards have been given to individuals / institutions at state Level and at District level with citation and cash award.
- All the Forest Blocks in and around Cities and Towns are being developed as Urban Forest Parks to contribute to the growth of smart, clean, green, sustainable and healthy cities and towns in the State.

STRATEGY

- The planting material is given free of cost to the people to promote the greenery under the programme.
- Tractors and Trolleys have been purchased by all the Gram Panchayats/municipalities, which are being used for watering, transportation of the plants etc.
- A provision for Green Budget has been made in the Gram Panchayats and Municipalities and they are supposed to spend 10% of their budget for greenery.
- more than Rs. 10635 Crores have been spent under the programme.
- Creation of green Fund donors –many celebrities

Initiatives Outside the Forest area

- 1,00,691 Km of Avenue plantation and 1.40 Lakh acres of Block Plantations Raised
- Smruthi Vanalu are established.
- 164 Nos.of Haritha Vanalu in the fringe forest areas
- 19,472 Palle/ Pattana Prakruthi Vanalu (village tree parks and city tree parks) have been grounded
- 2,011 no of Bruhat Prakruthi Vanalu are completed.

14,864 nurseries have been established in the State



Nurseries





Planting of saplings by Children and others





Mobilising Harithahaaram Campaign



Haritha Patashala- One Child one plant



Delhi Public School - Hyderabad

SINGARENI PLANTATION



The management of Singareni Collieries Company Limited (SCCL) planted 50,000 saplings

IT SECTOR PLANTATION



When Harithaaram became a people's movement

Participation by Students



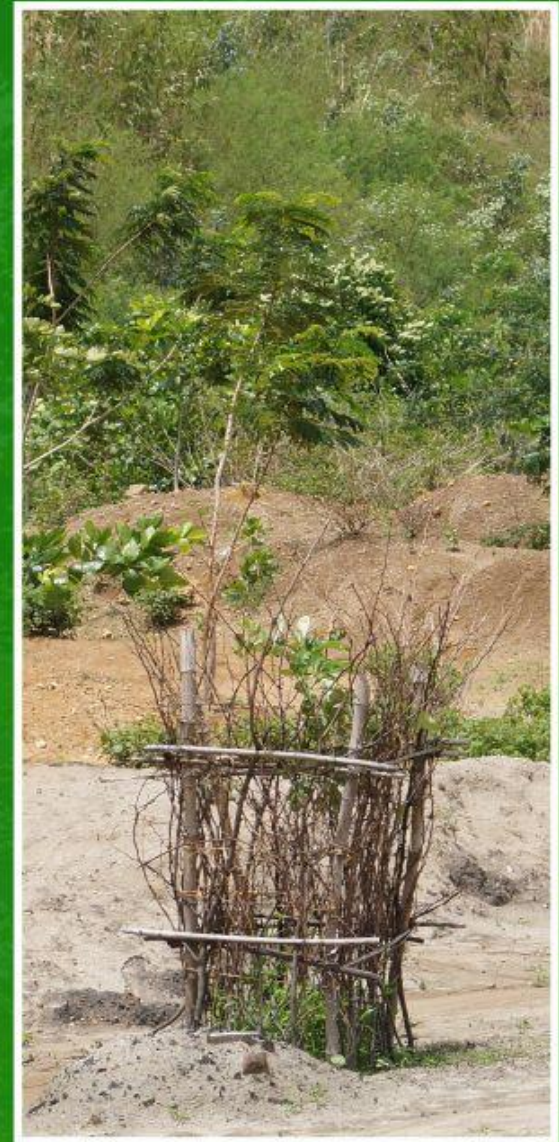
VANADHARSHINI

Vanadharshni is a part of Haritha Patashala Programme aiming at creating awareness among school children on Greenary and Environment





Protecting the saplings from grazing cattle is a part of nurturing.



STEP 5

Deployment plan for transporting the plants to the planting site



Karimnagar

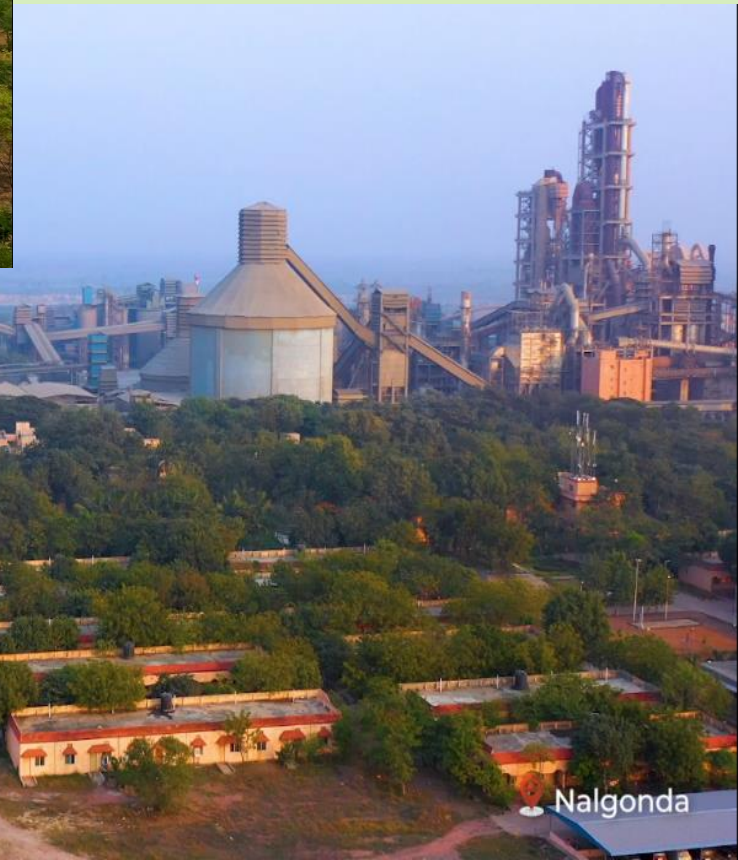


SINGARENI OPEN CAST PLANTATIONS



Singareni Open Cast Plantation

Industrial Plantation at Nalgonda and Thandur



PLANTATIONS IN HYDERABAD CITY



PLANTATIONS IN HYDERABAD CITY



PLANTATIONS IN HYDERABAD CITY



August, 2021

PARKS DEVELOPED IN HYDERABAD CITY



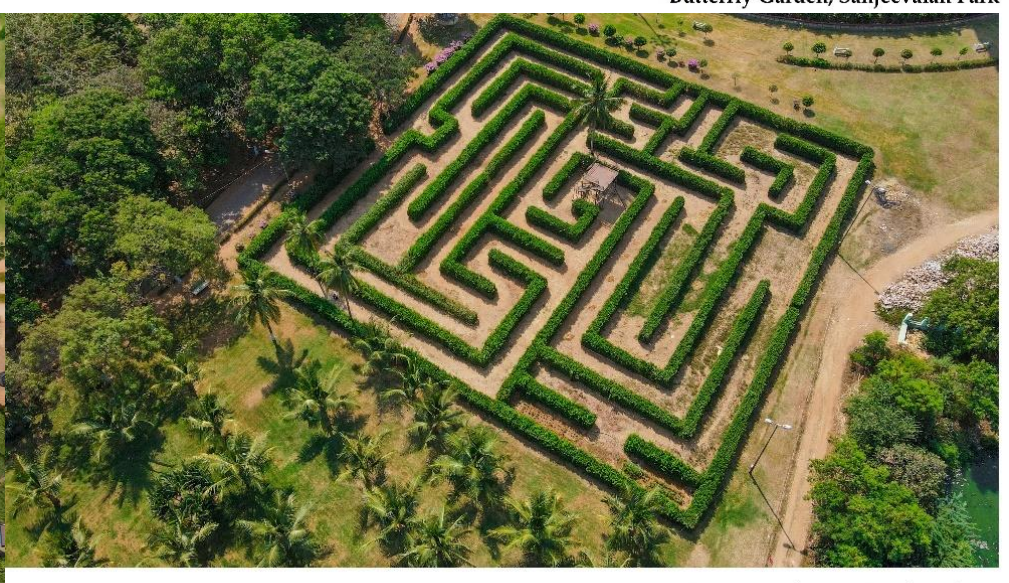
Gandipet Park



Butterfly Garden, Sanjeevaiah Park



Sanjeevaiah Memorial, Sanjeevaiah Park



MAZE Garden Sanjeevaiah park

Development of Parks

- ▶ **19 Major Parks** each having more than 5 Acres in extent.
- ▶ **17 Theme Parks** having various themes
- ▶ **1007 Colony parks** have also been developed across GHMC limits. Out of this, **751 parks** are being maintained by CWAs.



Jalgam Vengal Rao Park



Clock Tower Park

Theme Parks



Palmetum Park, Malakpet



Japanese Garden, J.Hills



Herbal Garden, Prashasannagar



Jurassic park, Prashasannagar

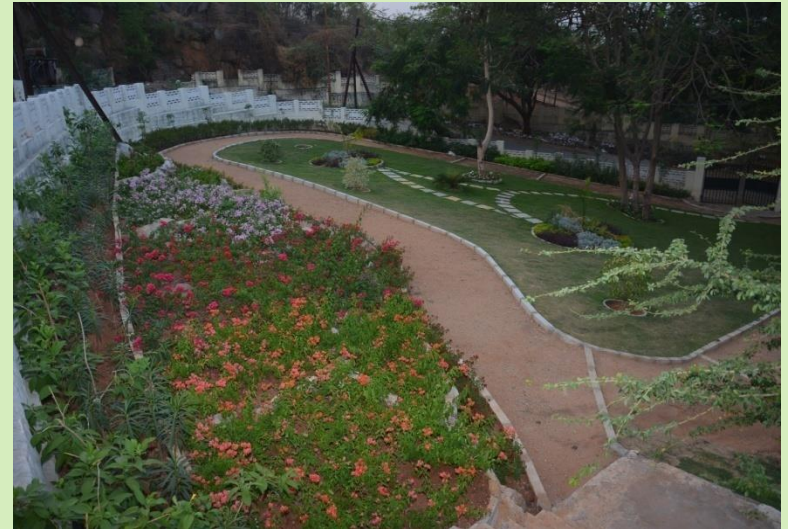
Institutional Parks



Colony Parks



Ahmedi Begum Park



Ashwini Heights Park Prashasan Nagar



Friends Colony Park



Indra Prastha Colony Park, LB Nagar

Tree Parks

- **327 Nos. of Tree parks** (where there is no ground water) were developed.

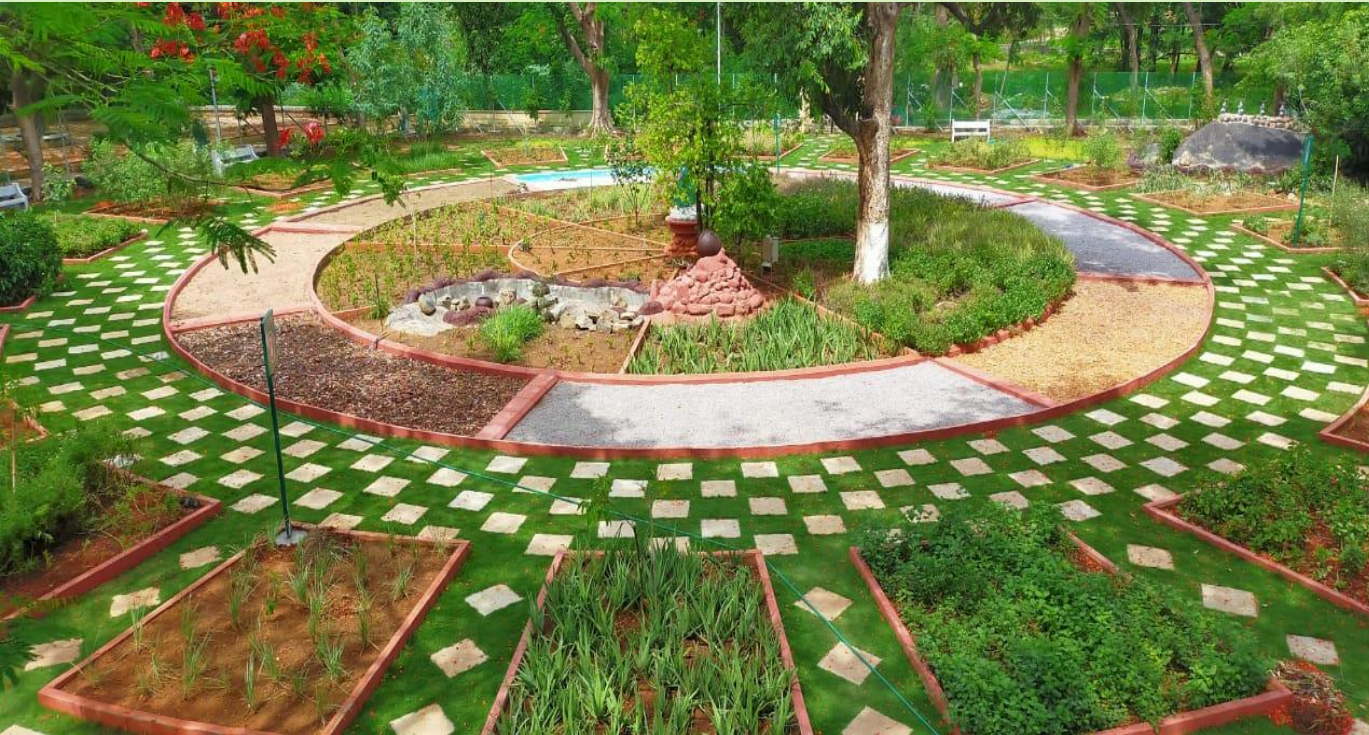


Tree Park at Indira Park



Yousufguda 'D' Tree Park, Yousufguda

Panchatatva park



**20 Panchatatva Parks are
Developed in GHMC area**



Central Medians / Traffic Islands



- **Central Median Greenery** was developed on **182 stretches – 200 Kms length**

- **99 Traffic Islands, Rotaries** have been developed for improving the streetscape visuals.

Vertical Gardens

- Vertical Gardens for 109 pillars of 25 flyovers are developed.



Vertical Gardens



Lakes Restoration & Beautification



Wipro Lake



Khajaguda Lake



Musi River



Miralam Tank Park

Lake View Park, Khairatabad

Before



After



Lake View park with ponds and lot of tree cover has been developed near Khairatabad Flyover



Lakes Restoration & Beautification



12 Kms Multilayer Avenue Plantation, Shamshabad Road

THEN

May,2021

Nov,2021

Dec,2022

April,2022



Tree Parks



Tree Parks- Densification of old parks



Building Forests within the City

- ▶ A Yadadri model concept is developed on the lines of Miyawaki method to develop tiny forests within the colonies to act urban lung spaces. Such plantations are developed in **50 locations**.



Institutional Plantations



Roadside Plantations

On the edge of Footpath adjacent to road



Roadside Plantations



COLONY PLANTATIONS



**Venkatramana Colony Avenue
Plantation LB Nagar Circle-4.**

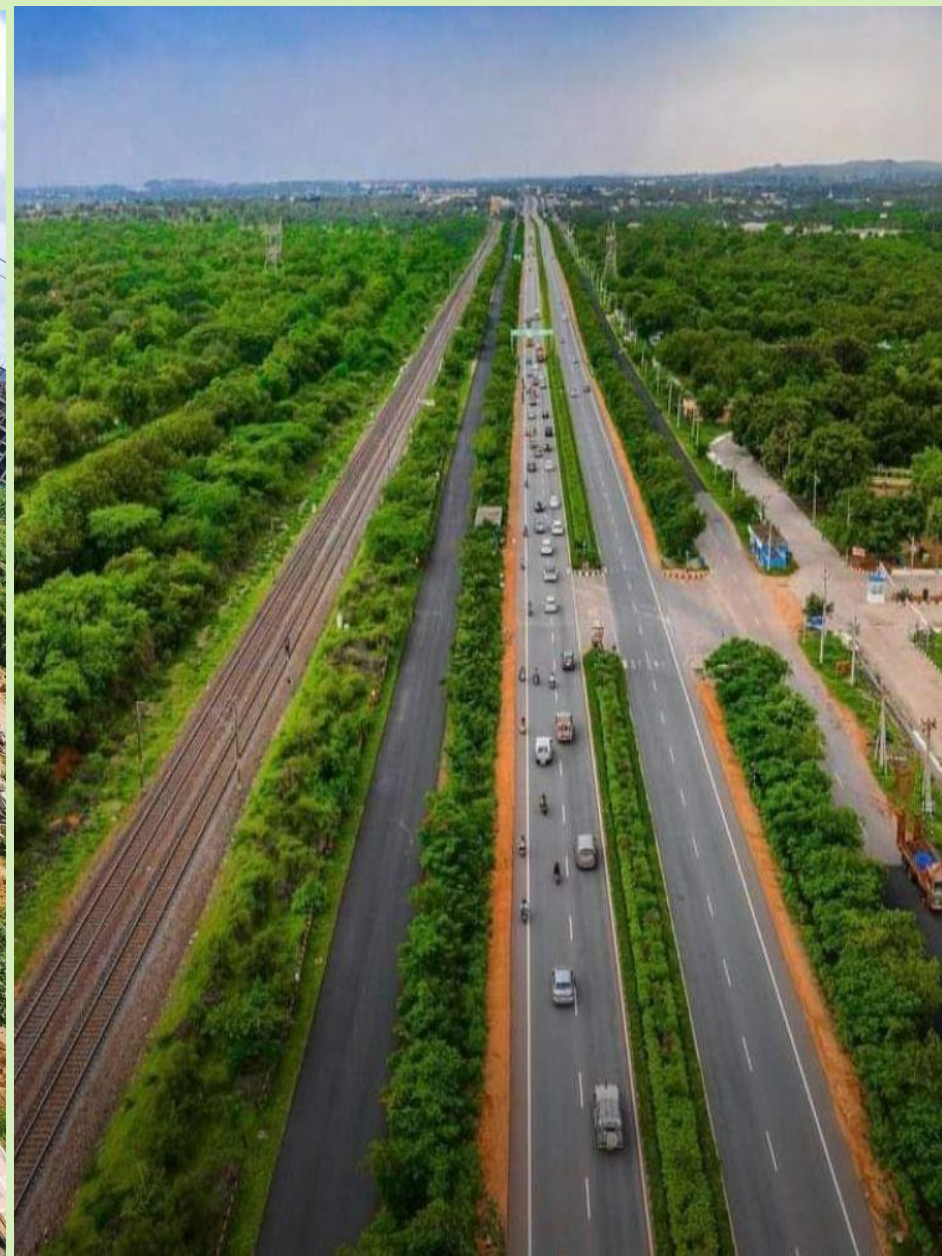
2 BHK dignity Housing Greenery



Residential Colony Plantations



Greenery along Link Roads & Radial Roads

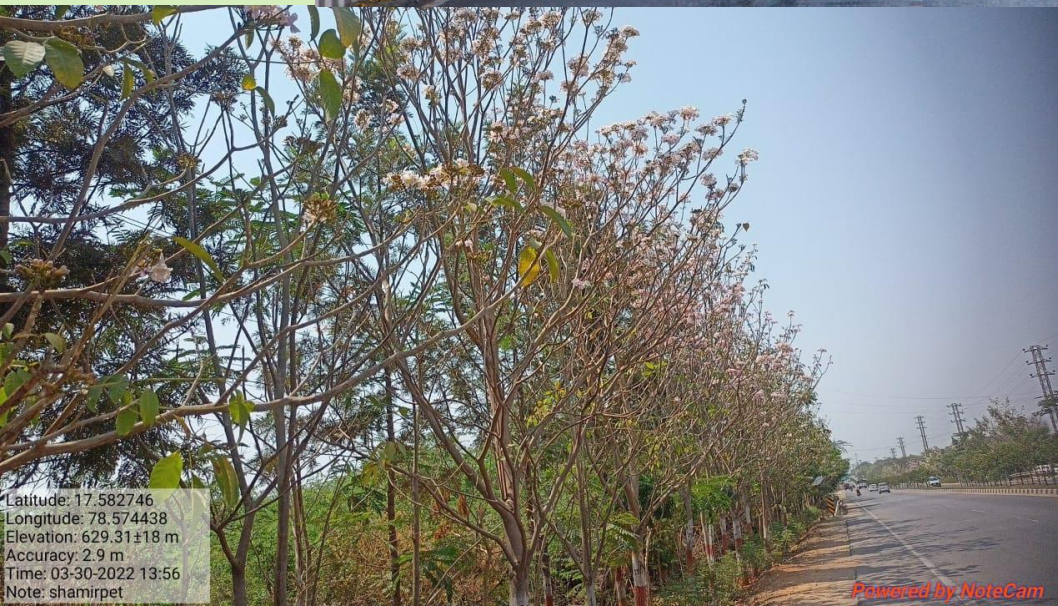


Avenue Plantations on Major roads









Greenery in Vaikunta Dhamam



Vaikunta Dhamam, the eco-friendly crematorium site were developed for public service by keeping it in a clean and efficient condition for the smooth conduct of cremations of the departed souls.

The clean and green environs of the crematorium will make it a unique one with the park like ambience as a welcome change!

Vaikuntadhamam, Mallapur



Theme Parks

- ▶ **“50 Major Theme Parks** are being developed with areas 1 acre and more in all zones with a financial outlay of Rs.137.21 Crores by adopting **different themes.**
- ▶ Some theme parks & major parks like **Dog Park, Panchatantra park, Miralam Lake Park, Kishanbagh Park** are already opened.
- ▶ GHMC has developed **“20 Panchatatva parks”** and are opened for utilization by the citizens as these parks helps in improving the health of the citizens on the concept of acupressure and other therapies.

Theme Park ,Uppal



JUNGLE PARK



JUNGLE PARK





Telangana Municipal / GHMC Act- 2019

- ▶ Specialized Urban Forestry wing & Green Cells
- ▶ (5) years Green action plan
- ▶ Green Budget of 10%- **will be obligatory and will be treated as charged provisions in the budget**
- ▶ One nursery in every ULB to cater the seedlings
- ▶ Responsibility on Public representatives-the ward member shall be disqualified and removed for less survival of plants
- ▶ The layout owner shall reserve 10% of the land towards open space for parks
- ▶ Certain number of trees shall be planted in the open area in the plot where building is being constructed

Greenery works taken up other ULBs

- ▶ Total ULBs:141
- ▶ Total nurseries established:1012
- ▶ Nurseries proposed to be established:1570
- ▶ Total PPVs Developed: 1884
- ▶ Total BPPVs proposed : 64



City Biodiversity Index

- ▶ In 2012, the Greater Hyderabad Municipal Corporation (GHMC) administered the CBI within Hyderabad city in order to understand, plan and the review the city's status in the context of its biodiversity.
- ▶ In this exercise the city scored 36 points out of a total 92 points.
- ▶ Taking steps to chart the progress in biodiversity conservation and management since the 2012 administration of the index, the GHMC decided to update it in 2021.
- ▶ ICLEI- Local Governments for Sustainability, South Asia has provided technical support for the same.
- ▶ The Report is released where the city has secured 57 out of 92 points.
- ▶ Apart from this, support from ICLEI was also taken in arriving the green cover in GHMC area i.e. Hyderabad City.
- ▶ Ward wise & Colony wise Green cover was also calculated by ICLEI for different years to monitor the increase in green cover.

**1,00,691 Kilometers/ 62,566 miles of
roadside plantation taken up throughout
the state**



Road side Plantations



Road side Plantations



Road side Plantations



Road side Plantations



Road side Plantations



Road side Plantations



Road side Plantations



Road side Plantations



CENTRAL MEDIAN PLANTATIONS



MEDIAN PLANTATION, LANGERHOUSE PHOTO@GHMC



Kompally - Hyderabad District



**PLANTATIONS
ON OUTER RING
ROAD, HYD**



Miyawaki Plantation Karimnagar Police Training centre

Starting Stage



Growth after 3 months



Growth at Present



MIYAWAKI/ YADADRI MODEL PLANTATION KARIMNAGAR DISTRICT



MIYAWAKI/ YADADRI MODEL PLANTATION

In a one year



Venkateshwara colony Yadadri model



CPTC- Karimnagar

**2,011 no.of
Bruhat
Prakruthi
Vanalu**



పల్లె పక్షి వనం-అవగాహన 2020

**19,472
Palle
Prakruthi
Vanalu**

Toddy Palm Plantation



Toddy palm plantations on society lands





WATERING DAY

Every Friday has been designated to be the watering day in the urban areas, avenue plantations, parks, and other public places. Many tankers can be seen watering the planted trees and saplings all across the cities and towns, every Fridays. This ensures regular watering and proper maintenance of the planted verdure.



Latitude: 18.847168
Longitude: 79.137937
Elevation: 251.57±9 m
Accuracy: 1.5 m
Time: 24-03-2023 08:01



Bund plantations



Mahmadapur - Warangal District



THEIR PATIENCE WILL SOON BEAR FRUITS OF JOY.

Dwindling forests have led to the migration of animals towards the cities. This is causing a problem to the animals as well as human beings. Restoration of the green cover by planting fruit bearing trees would arrest this drift and help in revival of a healthy and naturally wealthy eco-system.



Re-orientation based on the new habitat

Trees are their homes, fruits are their nutrition and the thick dense branches and shoots their playground. All these were gradually disappearing. The Harithahaaram drive is now offering these inmates of the woods a fresh lease of life, literally.



Gandhari Vanam - Mancherial District



INITIATIVES OF HARITHAHAARAM FOR FAR REACHING

One major focus of Harithahaaram has been to restore the greenery in cities and major towns that have been severely affected by the depleting green cover. Urbanisation has been one of the major causes of deforestation in the name of development. Cities have been the nemesis of greenery and ecological harmony. The irony is that the urban population is the victim of this act. The idea is to fill every vacant space with a sapling or a tree to provide the city with fresh air. It also makes the surroundings look beautiful. Avenue tree plantations, developing lung spaces in various parts of the cities with parks; planting trees along the length of the state highways and national highways have all been undertaken under this project.





SEED BALLS

Seedballs are covered with the mixture of redsoil, Jeevamrutham and Vermicompost made into balls and thrown randomly into the areas deemed suitable for planting growth.



VRUKSHA PRASADAM

A novel and innovative idea was initiated under Vruksha Prasadam by distributing the saplings free of cost in religious places like, temples, mosques and churches to the devotees. This ensured the proper distribution of the saplings and people showed interest in planting the same with enthusiasm.



DISTRIBUTION OF PLANTS WITH GAS CYLINDERS

A symbolic move to demonstrate that trees are essential for our survival and sustenance was undertaken by distributing trees and saplings by the workforce distributing gas cylinders. They gave away saplings along with the gas cylinders, while delivering it to the household. The gesture was well received and appreciated by the public.

Tree Protection Committee

The State Government has constituted Protection Committee consisting of Non Officials (NGOs) and Officials to monitor permission for removal of trees with in the urban limits of Hyderabad under Water Land Trees Act, 2002 in the year 2008.



- Forest Department
- HMDA,
- GHMC,
- R&B Department
- NGO's



HARITHA MITRA AWARDS



The Telangana government has issued orders for constituting the 'Telangana Haritha Mitra Awards' to be given in three categories, namely, Individuals, Institutions / Organisations and Local Bodies, with sub-categories under each category. One award in each sub-category will be given at State level and district level each. A cash award of Rs. 1 lakh will be given for individuals, and Rs. 2 lakh for other categories, in token of recognition of their contribution in increasing the green cover.



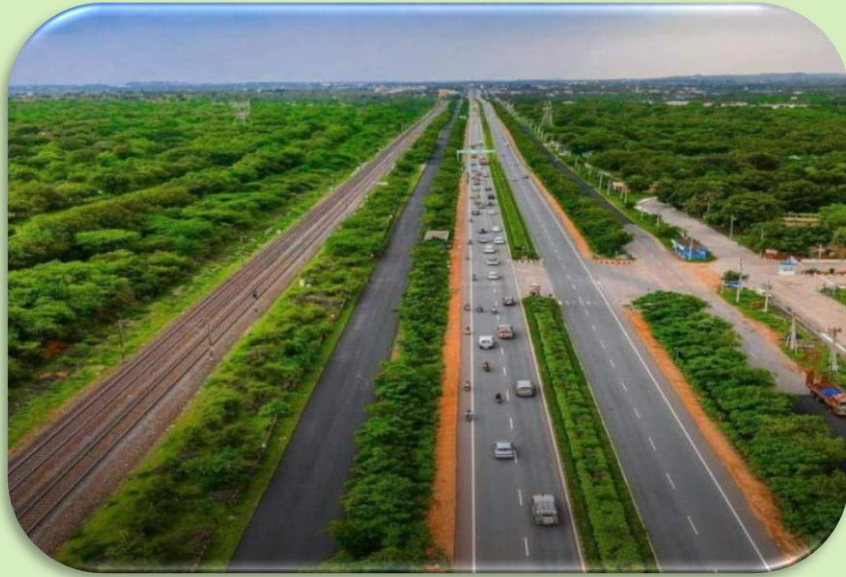
Translocation of Trees



Tree Parks- Densification of old parks



Avenue Plantations



Farmers Fields – Agro Forestry



Sandal



Teak



Bamboo



Initiatives inside the Forest

- Rejuvenation of degraded forest lands
- Protection from biotic pressure
- Live fence on trench mounds
- Root stock assessments and cultural operations
- Soil & moisture conservation works
- Planting in the forest lands and degraded lands
- Haritha Vanalu creation and 1.40 Lakh acres of Block Plantations Raised

Initiatives inside the Forest

- 13.44 Lakh acres of Degraded Forest rejuvenated
- 10,886 Kms of Peripheral Cattle Proof Trench Dug
- 8740 Kms of Forest Fire Lines Created
- 58 Check posts, 145 Base camps and CC cameras are established at primary locations for Forest Protection.

Plantations inside Forests- 2.28 lakh Acrs



Boundary Protection Structures



Rejuvenation of Forest



Rejuvenation of Forest



Gachakaya Live fencing



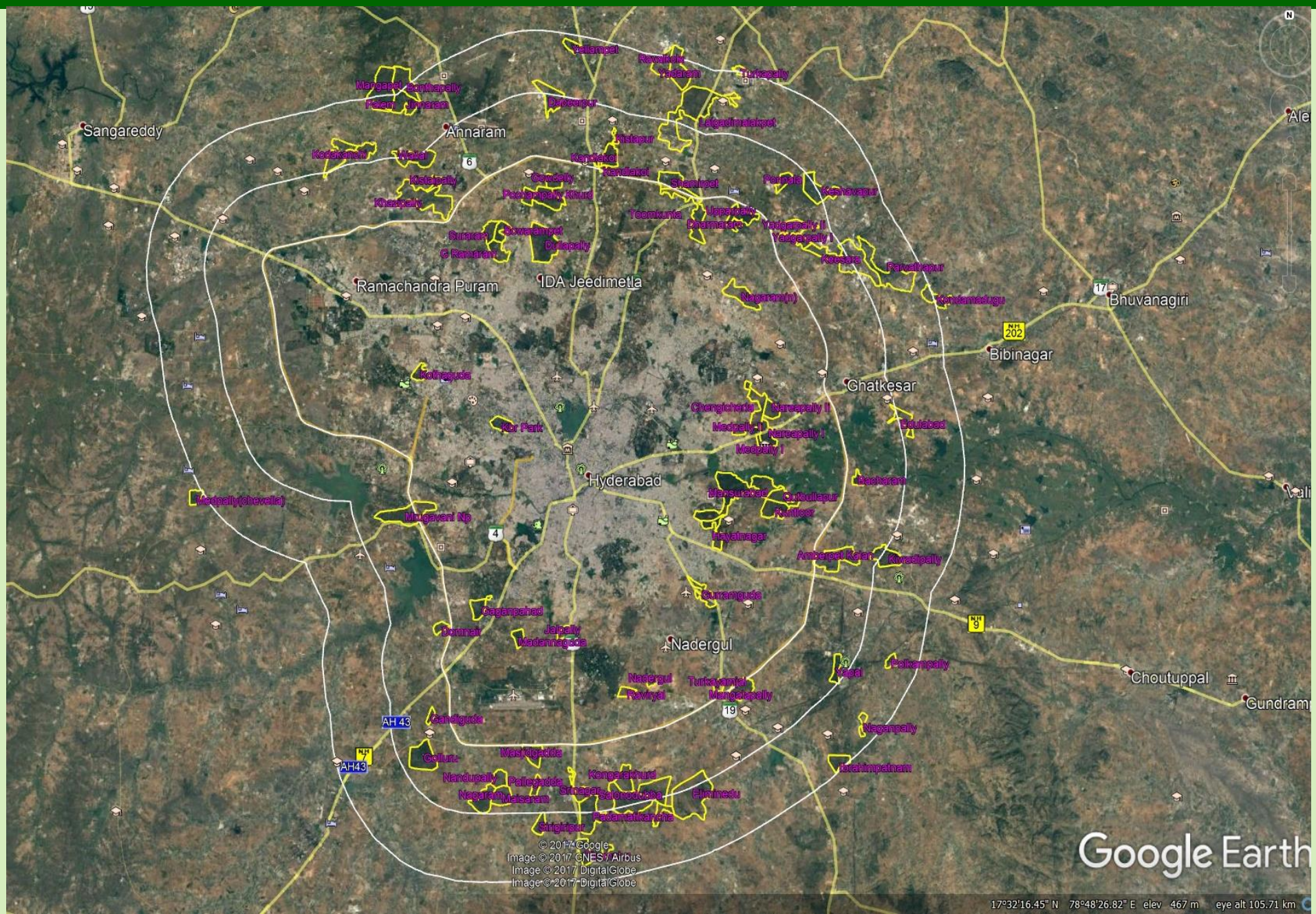
SMC Works



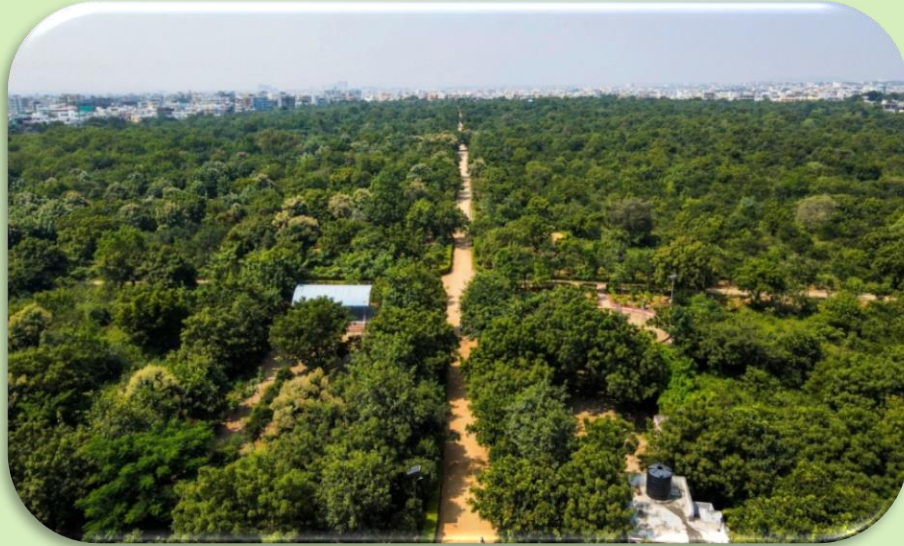
SMC Works



Google Earth Map showing forest blocks within ORR, 5 km from ORR and 10 km from ORR



Urban Forest Parks



Urban Forest Park Medipally



109 No.s of Urban Forest Parks are created



1.71 Lakh acres of a Urban Forest blocks created as Forest Parks



Oxygen Park, Kandlakoya



Shanthivanam park medipally



Narsapur Urban Forest Park



Panchavati Park, Shamsabad



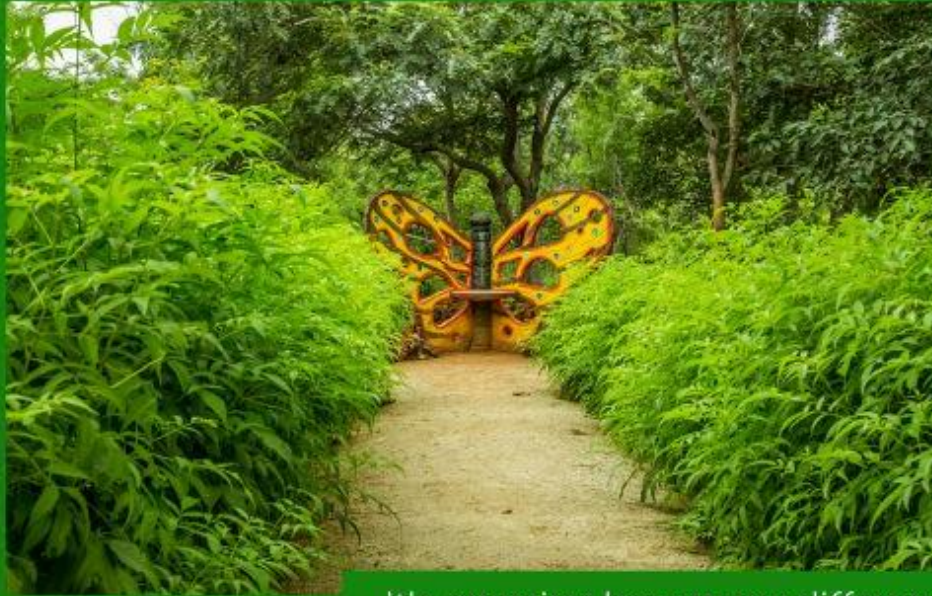
Gandharivanam - Mancheril



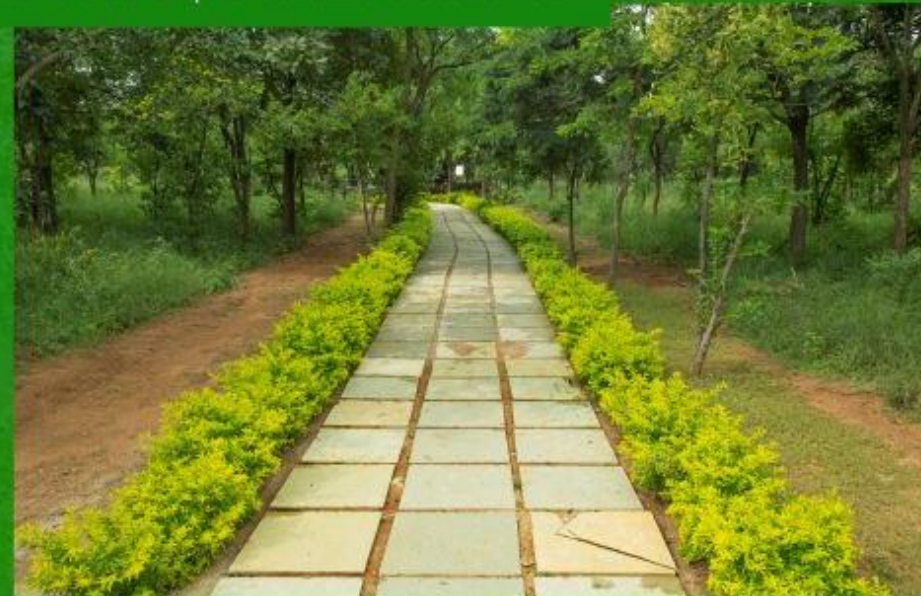
**Urban Forest
Parks are
picnic spots for
public**



Kandlakoya Oxygen Park - Hyderabad



It's amazing how many different varieties of plants and trees exist



So far 13.44 Lakh acres of Degraded Forest rejuvenated





**Monitoring of
Whole
Programme at
State level and
District Level**

PLANTATION ACHIEVEMENT SO FAR

As on 15.10.2024

(in Crores)

Sl. No.	Description	Target	No. of seedlings planted (Achievement)										Total
			2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	
1	In -side Forests (by Artificial Regeneration)	20	2.933	3.993	3.939	2.898	3.537	2.054	2.313	2.874	1.511	0.915	26.967
	In -side Forests (by rejuvenation)	80			25.970	4.570	4.727	6.150	9.753	4.137	0.352	0.000	55.659
2	Out -side Forests	120	12.667	25.862	28.469	27.777	33.043	19.801	14.173	12.815	11.889	6.920	193.42
3	GHMC	3	0.001	0.849	0.768	0.431	0.717	2.119	1.188	0.723	0.723	0.209	7.728
4	HMDA	7	0.260	0.970	0.903	0.876	0.881	3.338	2.462	3.858	3.947	3.004	20.499
	TOTAL HARITHA HAARAM	230	15.861	31.674	60.049	36.55	42.90	33.462	29.889	24.407	18.422	15.873	309.09

IMPLEMENTATION PLAN OF TELANGANA KU HARITHAHAARAM AND AGENCIES



IDENTIFICATION OF PLANTING SITES

Respective Departments of the State Government and all the key players, Officials / Sarpanches / NGO's / Central Government Units.

PREPLANTING OPERATIONS LIKE SITE CLEARANCE AND DIGGING OF PITS

MPDO / Forest / Gram Panchayat / Sarpanches and other key players

SELECTION OF SPECIES TO BE PLANTED

Forest Dept./Rural Development Dept through-MPDOs, Haritha Rakshana Committees and Gramsabha.

IDENTIFICATION OF NEAREST NURSERIES FROM WHICH PLANTS CAN BE SOURCED

Forest/ RD/ user agencies whoever plants) 4000 nurseries are located in Telangana. By 2019 it is expanded to 12750 as 1 nursery @ 1 GramPachayat

DEPLOYMENT PLAN FOR TRANSPORTATION OF PLANTS TO SITES

District Collectors monitor and officials of various Departments tie up



PLANTING

PLANTING OUTSIDE THE FORESTS

@ 40 lakh per constituency/40000 per Grampanchayat for every year and District Collector monitor the programme at District level.

PLANTING INSIDE THE FORESTS

1. Rejuvenation of Degraded natural forest, Through operations like gap planting, Weed removal, Singling, Coppicing, Thinning, Soil and moistures conservation works, Trenches around the forest boundary, Planting Gachakaya for trench stabilization
2. Planting in Gap areas inside the forest through Ploughing / pitting / planting

AFTER CARE OF THE PLANTS PLANTED

Regular Video conference by Chief Secretary, Pri. Secy, EFS&T, PCCF and the Head of the various key Departments on every Tuesday and through Field visits

GEO TAGGING OF THE PLANTS PLANTED

Geo tagging done for the plants can be accessed from www.tgfmis.com

MONITORING OF THE WHOLE PROGRAMME

DISTRICT LEVEL

District collector with DFO and District officers team

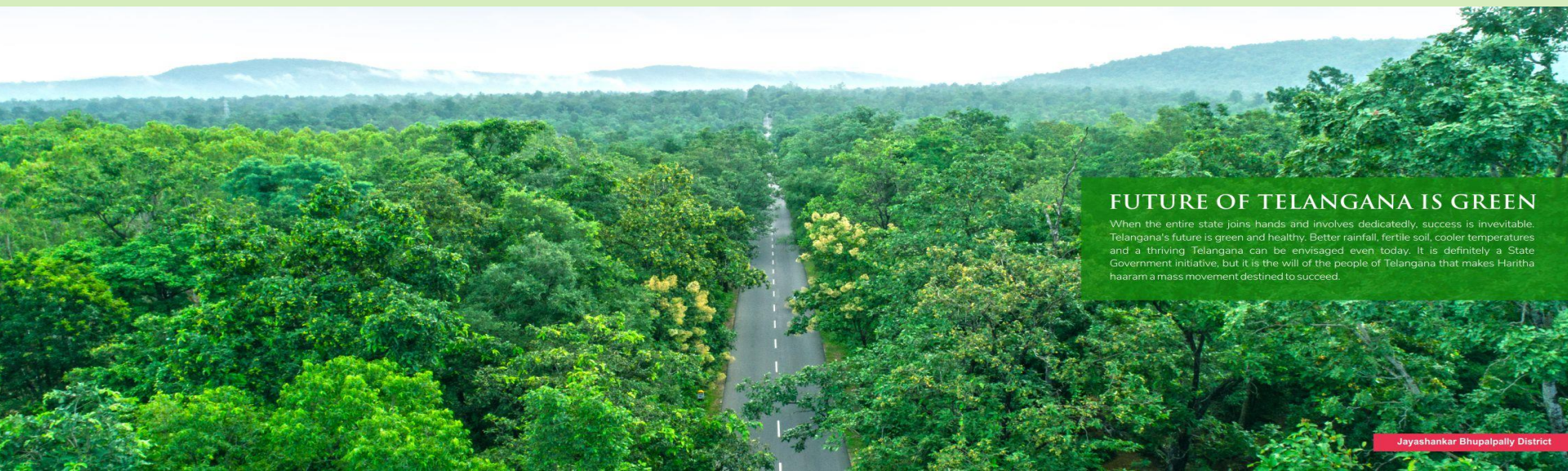
STATE LEVEL

Secretary EFS&T, PCCF(Nodal Officer), Addl PCCF(SF) along with PMU and team



Achievements

- ❖ As per **Forest Survey of India Report 2021 (FSI) Telangana State Green Cover is increased by 7.7%**
- ❖ Hyderabad city has gained forest cover with 147% in last decade from 33.15 Sq.Kms to 81.81 Sq.Kms.
- ❖ Telangana is the leading state in the country in greening, according to a report released by the Center for Science and Environment (CSE).



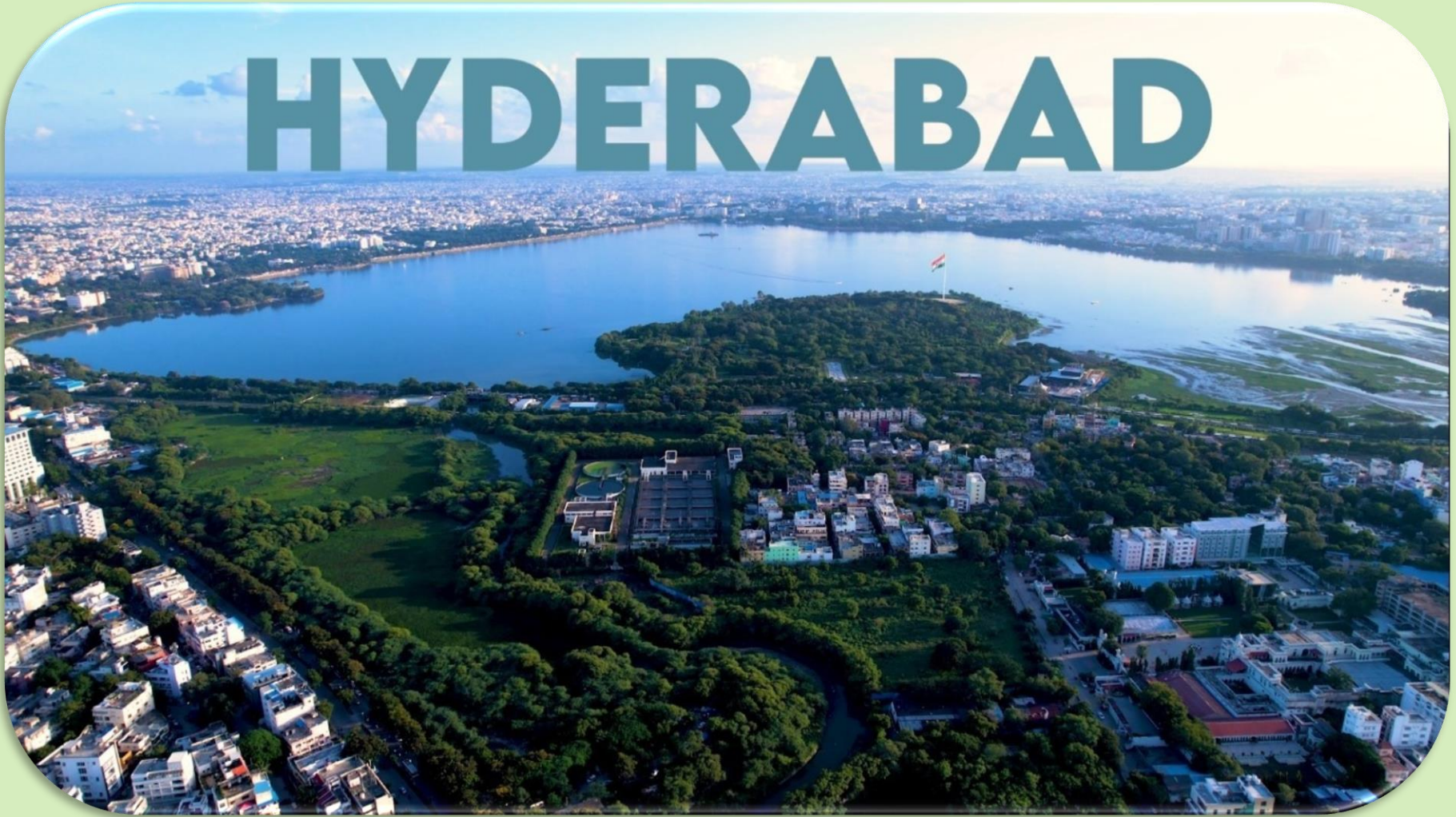
FUTURE OF TELANGANA IS GREEN

When the entire state joins hands and involves dedicatedly, success is inevitable. Telangana's future is green and healthy. Better rainfall, fertile soil, cooler temperatures and a thriving Telangana can be envisaged even today. It is definitely a State Government initiative, but it is the will of the people of Telangana that makes Haritha haaram a mass movement destined to succeed.

- [Growing towards sustainability Video](#)

- The Hyderabad City has been recognized as **TREE CITY** by Arbor Foundation & FAO for consecutive years 2020 & 2021.
- **The city of Hyderabad** has bagged the prestigious '**World Green City Award 2022**' beating Paris, Bogota, Mexico City, Montreal, and Fortaleza in Brazil by **AIPH**.

HYDERABAD



AWARDS

- Telangana ranked first in afforestation category in NITI Aayog Integrated Development Goals Index (2020-21).
- Hyderabad awarded World Green City Award – 2022 by International Association of Horticulture Producers (AIPH), South Korea.
- Hyderabad stood first in 2023 City Nature Challenge organized by World Wide Fund for Nature (WWF) in cities across the country. Recognized as the most biodiverse city.

CONCLUSION

- Humans are integral part of the dynamics of this world irrespective of if we like or not (covid)
- Someone does and everyone reaps the benefits
- Self, family, relatives, society, as a citizen, as a leader towards nation building as a human race to sustain this planet How efficiently we integrate into the dynamics defines our success/existence
- Possible because of political will and execution of the administrative machinery

Do we need greenery.....





Destination Green Telangana

Jayashankar Bhupalpally District

Thank you !