



TELANGANA STATE FOREST DEVELOPMENT CORPORATION LIMITED



Eucalyptus Plantations
Bamboo Plantations
Urban Parks
Eco-Tourism

INTRODUCTION:

The TS Forest Development Corporation Ltd. was established on 14.05.2015 under the Companies Act, 2013 and the entire bifurcation process has completed including transfer of Rs.75 Crores from the residual state in the year 2021.

FUNCTIONS OF TSFDC:

- Raising and maintenance of plantations of Eucalyptus, Bamboo, Teak, Cashewnut, Subabul & Casuarina Plantations.



- Production of Clonal Seedlings for planting and sale to farmers.
- Supply of Eucalyptus Pulpwood to wood based industries.
- Sale of Long Bamboo, Bamboo Industrial cuts and Cashew.
- Acting as consultant for Afforestation works.
- Acting as Facilitators to Government for Beedi Leaf Trade & DET scheme.
- Development of Eco-Tourism activities.

TSFDC CORPORATION AREA:

The Management plan for the Corporation area is approved by the MoEF & CC for the years 2021-2025.

Sl No	Division	Area with TSFDC	Eucalyptus	Bamboo	Cashew	Teak	Other species	Total Plantations area
1	Paloncha	5946.61	4206	1230	46.00	66	4	5552
2	Kothagudem	7414.68	4043.59	2234.3	59.00	82.87	0	6419.76
3	Sathupally	5573.71	2148.66	2463.48	0	0	0	4612.14
4	Kaghaznagar	4713.79	4115.39	0	0	25.04	0	4140.43
5	Warangal	2965.59	2167.16	206.55	0	0	0	2373.71
6	Ranga Reddy	4195.74	3753.46	103.49	0	41.95	63.50	3962.4
7	Medak	2141.27	2025.41	0	0	0	0	2025.41
	Total	32951.39	22459.67	6237.82	105.00	215.8	67.50	29085.85

PLANTATIONS RAISED:

Eucalyptus: Eucalyptus is the main revenue source for the Corporation and 68% of area is under Eucalyptus. The plantations which have completed 3 rotations/ poor yielding plantations are converted and raised with superior Eucalyptus hybrid clones.

Planting completed during the years 2021-22 to 2023-24:

Sl. No.	Plantations	2021-22	2022-23	2023-24
1	Eucalyptus (Ha)	718.80	424.92	614.76
2	Bamboo (Ha)	230.43	80.58	-
3	Teak (Ha)	14.30	-	13.50
4	Miscellaneous (Ha)	173.31	319.80	46.10
	Total:	1136.84	825.30	674.36

VINTAGE TREES PLANTATION:

Conversion of Matured Eucalyptus Plantations within the proposed Regional Ring Road is taken up for planting of Sandal wood, Rose wood, Red sanders, Kusum, Mahogany, Teak since 2021 onwards. The inter planting within row is taken up at every one meter distance with Casuarina and Seethaphal. The row to Row distance is 3mts apart to facilitate ploughing. The past three years progress is as follows.

Sl No	Species	2021		2022		2023		Total planted
		Area in Ha	Plants planted	Area in Ha	Plants planted	Area in Ha	Plants planted	
1	Seethaphal	-	142883	-	197641	-	25670	366194
2	Sandal wood	34.22	28551	103.94	77105	19.82	14131	119787
3	Red Sandal	12.21	10982	35.43	29257	-	-	40239
4	Teak	78.17	97090	60.24	58266	13.50	22573	177929
5	Rose Wood	22.90	19168	63.56	51649	22.99	21542	92359
6	Panasa	6.57	2656	-	-	-	-	2656
7	BambusaTulda	4.00	1066	11.75	4700	-	-	5766
8	Narepi	1.09	916	-	-	-	-	916
9	Regu	0.50	570	-	-	-	-	570
10	Amla	0.90	1147	-	-	-	-	1147
11	Casuarina	-	321803	-	367005	-	103524	792332
12	Kusum	-	-	3.74	3116	-	-	3116
13	Mahaghani	-	-	-	-	3.29	3652	3652
	Total	160.56	626832	278.66	788739	59.60	191092	1606663



Casuarina Plantation



Sandal Wood Plantation



Red Sandal Plantation



Seethaphal Plantation



Rose Wood Plantation



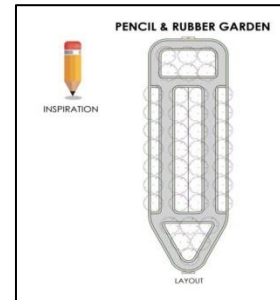
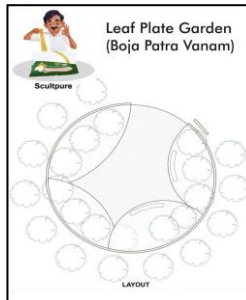
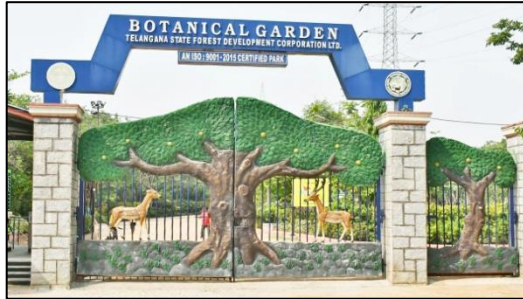
Teak Plantation

BOTANICAL GARDEN TRANSFORMATION:

Kothaguda Reserve Forest with an area of 274 Acres is being maintained by TSFDC and is used by the people of Hyderabad as a nature park and retreat, which is popularly known as Botanical Garden. It is a favorite spot for walkers, especially seniors who come to take their morning strolls. A large number of visitors come to the Botanical Garden and enjoy the beauty and tranquility it provides. Keeping the need of visitors, required amenities & activities have been taken up in the park. In the process of this transformation the following two pledges are taken up in the park.

- A. Plant every time a new species in the visitors zone and not to repeat the existing plant species so as to improve the biodiversity

- B. In order to introduce the plants to the visitors and school children it is proposed to have VrukshaParichayam program by developing Theme parks, Ecosystems, Plant evolution and Animal Kingdom.



ENVIRONMENTAL EDUCATION:

Environmental Education is imparted to school children through exercise books, Nature class room, Nature walk and demonstrations of various models on plants, Wildlife etc., including screening of short filmshows in Environment Education Centre. All these interventions resulted in increase of (4) times foot fall of School Children from 18,804 in the year 2021-22 to 61,759 in the year 2022-23 and during this year 2023-24 up to November the foot fall is 57,199. Every year on 2nd October, the TSFDC conducts the **Run for Peace** in co-ordination with Walkers Association of the Botanical Garden wherein thousands of people participate in the event.



College students @ Herbal Garden



Run for Peace 2023



Snake show

VIRTUAL SAFARI:

There is a proposal to develop **Virtual Safari & Virtual Eco-Theme Park** in **AR-VR** Technology in an area of 106 Acres in Night Safari area which is adjacent to the Botanical Garden in Kothaguda RF, Kondapur. AR-VR and AVR technology is becoming increasingly popular and has tremendous potential to revolutionize the entertainment industry. The TSFDC utilizes this technology in order to showcase the unique culture of tribal people and enable them to gain a more intimate experience with nature, Environment, wildlife. Initial works like renovation of existing Building, Entrance Arch etc., are under progress. After completion of the above works, TSFDC will implement the project duly inviting the tenders.

PALA PITTA CYCLING PARK:

Exclusively dedicated for cycling Developed and maintained by TSFDC and this facility is operated by Hyderabad Bicycling Club with over 500 Bicycles. Spread over 20 hectares area in Kothaguda Reserve forest block and located in the most happening place in Hyderabad named after the Telangana State Bird the Palapitta the Indian Roller or Blue Jay. The park is typical of Deccan plateau with rocks and water bodies and scrub vegetation. There is abundant sighting of Peacocks in the park which is our National bird. Recently TSFDC has removed all Eucalyptus and Subabul plants and replaced them with native vegetation.



FOREST CERTIFICATION:

TSFDC is awarded with **Forest Stewardship Council** certificate recently. This is a very a prestigious certificate issued to organization managing Forest in way it preserves Biological diversity and benefits the lives of the local people and workers, while ensuring it's sustained economic viability. FSC-Certified Forest are managed to Environmental, Social, Economic standards. This has increased the market demand for the Wood produced from the Corporation area and fetching better price.



ECO-TOURISM CORPUS FUND:

TSFDC has taken up financing the Eco-Tourism projects of the Forest Department with interest on the repayment basis by creating an Eco-Tourism corpus fund. The following are the details.

- ✓ Amrabad Tiger Reserve with Rs.108.00 Lakhs
- ✓ Kawal Tiger Reserve with Rs.67.50 Lakhs
- ✓ Eco-Tourism Center at Turkan Cheruvu, Dimmadurthi Range of Nirmal District with Rs.145.65 Lakhs
- ✓ Adelly Nandanavanam, Nirmal Range of Nirmal District with Rs.102.60 Lakhs

DOUBLING OF INCOME:

During the year 2022-23 the revenue of TSFDC is almost doubled when compare to the previous years. During this year 2023-24 it is expected to be about Rs.200Cr.

S. No	Particulars	Amount (Rs. in Lakhs)				
		2019-20	2020-21	2021-22	2022-23	2023-24 (upto 10/23)
1	Sale of Eucalyptus Pulpwood	5723	6562	5363	11761	12083
2	Sale of Bamboo	1046	1049	894	1332	601
3	Others and Misc. income	279	221	281	354	262
4	Interest income	1357	1355	1340	1057	500
	Total	8405	9187	7878	14504	13446

During this year 2023-24 up to November'2023 the harvesting of Eucalyptus Pulpwood is 2.57 lakh metric tons. Further a record high price of Rs.7000/- per ton is fetched for the Eucalyptus Pulpwood during the year 2023. The previous price for the Eucalyptus Pulpwood was Rs. 4515/- per ton in the year 2022.

The Bamboo harvest also touched a record high of 30 lakh long Bamboo during the year 2022-23 when compare to the average harvest of 23 lakh Long Bamboo in the past years.

The revenue in 2022-23 is increased by 90% over the year 2021-22 and in 2023-24 it has further increased. By November 2023 the previous year record revenue of Rs.14,504 Lakhs is surpassed. This is due to increased harvesting of Eucalyptus pulpwood and also due to the price increase and demand for the FSC certified produce from corporation areas.



Timber & Bamboo Depot @ Sathupalli

URBAN FOREST PARKS:

The following Urban Forest Parks are developed and managed by the TSFDC.

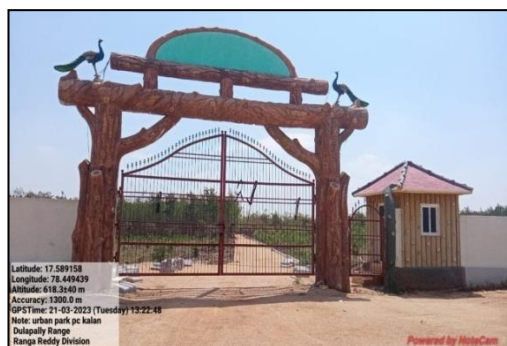
- ✓ Vedula Vanam – Thumukunta
- ✓ VanaDrushyam – LalgadiMalakpet
- ✓ Chandana Vanam– Gowdally
- ✓ Forestrek park – Chilkur
- ✓ Botanical Garden - Kothaguda



Vedula Vanam – Thumukunta



VanaDrushyam– LalgadiMalakpet



Chandana Vanam – Gowdally



Forestrek park – Chilkur

CORPORATE SOCIAL RESPONSIBILITY (CSR):

CSR funding mobilized for the TSFDC initiatives from:

HDFC – 86.50 Lakh	Deloitte	5.00 Lakh
SBI – 23.35 Lakh	L&W Construction	- 0.50 Lakh
Canara – 27.73 Lakh	Whisk Software	- 10.00 Lakh
Micron – 20.25 Lakh	Nirmaan(NGO)	- 24.90 Lakh
	UBI	- 15.75 Lakh

These funds are utilized for development of Plantations, Theme Parks and facilities to the visitors etc. Under TSFDC's CSR fund, TVS scooters are given to (60) physically challenged persons with a cost of Rs.65.40 Lakhs through Telangana Vikalangula Co-operative Corporation(TVCC), Government of Telangana.

During the Covid-19, TSFDC have supplied the fuel wood to the crematorium in municipal areas on humanity grounds.



RO Plant @ Botanical Garden by Micron



Scooters distributed under TSFDC-CSR fund

TEAK THINNING:

Teak thinning operations started first time since planting in two decades.



Before Teak thinning



After Teak thinning

STUDY TOURS:

During last year delegation comprising of Senior Officers & staff have visited high yielding plantations and Research work taken up JKPM, Sonegadh, Gujarath. Further a team of Senior Officers & staff were sent to study to the demand for Eucalyptus wood for plywood manufacturing in Ganga nagar, Haryana. In this year a delegation of Senior officers have attended the World Conference on Eucalyptus conducted at Uruguay country, South America. Study tours are also organized for all the staff in Corporation from Plantation watcher to Divisional Manager to study the best practices, successful models of Plantations & Nurseries and also visit to the Paper Mills. This is the first time the TSFDC has taken up such Educational tour programmes for all the Carders.



Study Tour of Plantation Watchers

BEEDI LEAF NET REVENUE TRANSFER:

Process of net surplus revenue transfer to the Beedi leaf collectors, began online directly from Corporation account to beneficiary account. This has been pending since 2016 and now pending payments are being released to the tune of Rs.300 crores. From the year 2023 season even the beedi leaf collection remuneration is also transferred online to the beneficiaries.

INTRODUCTION OF NEW HYBRID CLONES:

New hybrid Eucalyptus clones like EC x ED, EC x EU are introduced duly replacing the Clone No.7 in order to reduce the rotation age and better yield. To promote mechanisation in harvest in future 3x3 mt spacing is adopted



New hybrid clones EC x ED, EC x EU

ECO-TOURISM PROJECTS UNDER CORPORATION:

TSFDC have already developed (3) Eco-Tourism projects under PPP model in nearby National Parks & Wild life areas and are operated by Concessionaries as detailed below.

1. JLTC, Shamirpet Eco-Tourism project (Aranya Resorts)
2. Mrugavani National Park, Chilkur, (Mrugavani Resorts)
3. Mahavir Nischalvan Eco-Tourism Centre, Vanasthalipuram, (Ananya Resorts)

Further Eco-tourism projects are under implementation at Back waters of Nagarjuna Sagar @ Gajubidem and another project is in pipeline at backwater of Sriramsagar in Nizambad District.



JLTC Shamirpet ETP (Aranya Resorts)



**Mrugavani National Park ETP
(Mrugavani Resorts)**



**Mahavir Nischalvan Eco-Tourism Center
(Ananya Resorts)**



Gajubidem ETP – Vizag Colony



Women Open Gym @ Botanical Garden



Sri Ram Sagar Nandipet Eco-Tourism Project

To scale up Eco-Tourism activities in the State, TSFDC has come up with a new brand and Logo – “DECCAN WOODS AND TRAILS”. New projects in Nandipet, Kanakargiri Hills are proposed to be taken up under this initiative.

NEW INFRASTRUCTURE:

TSFDC during the year 2023-24 has taken development of new infrastructure after gap of more than four decades. All the existing Office buildings of Divisional Managers at various places in the State are in dilapidated condition. New (17) No of Office & Residential buildings for Divisional Managers & Plantation Managers are under construction at (4) locations.

Head Office: Currently the Head Office of TSFDC is operating from the temporary structures and Bamboo house in Botanical garden in Kothaguda Reserve Forest. The permission accorded by the Government of India for construction of Forest & Eco-Tourism Development office (Head office building) in an area of 1.5 Acres in Kothaguda Forest subject to use of eco-friendly material in construction and making it a green building and is being constructed.



TSFDC Office: Bamboo House



Construction of Divisional office Building





TSFDC Office Bamboo House



Construction of Division office Building



(Eco - Tourism Logo of TSFDC)

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