




**Vanamahotsava**  
 **2010**

Principal Chief Conservator of Forests, Odisha

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ମୁଖ୍ୟମନ୍ତ୍ରୀ, ଓଡ଼ିଶା



ଓଡ଼ିଶା ସରକାର



## ୧୧ତମ ବନମହୋତ୍ସବ ସପ୍ତାହ ପାଳନ ଉପଲକ୍ଷେ ମାନ୍ୟବର ମୁଖ୍ୟମନ୍ତ୍ରୀଙ୍କ ବାର୍ତ୍ତା

ବୃକ୍ଷଲତା ଓ ପଶୁପକ୍ଷୀ ଆମ ଜୀବନକୁ ସରସ ଓ ସୁନ୍ଦର କରିଥାନ୍ତି। ବୃକ୍ଷ ତଥା ଜଙ୍ଗଲ ପ୍ରତି ମମତା ଓ ଆଦର ସୃଷ୍ଟି କରିବା ପାଇଁ ପ୍ରତିବର୍ଷ ଜୁଲାଇ ମାସ ପ୍ରଥମ ସପ୍ତାହରେ ବନମହୋତ୍ସବ ପାଳନ କରାଯାଏ। ତଳିତ ବର୍ଷ ୧୧ତମ ବନମହୋତ୍ସବ ସପ୍ତାହ ପାଳନର ଶୁଭ ଅବସରରେ ମୁଁ ରାଜ୍ୟବାସୀ ଭାଇ ଓ ଭଉଣୀମାନଙ୍କୁ ମୋର ଶୁଭେଚ୍ଛା ଜ୍ଞାପନ କରୁଛି।

ଜଳବାୟୁ ପରିବର୍ତ୍ତନଜନିତ ବିପର୍ଯ୍ୟୟକୁ ପ୍ରତିହତ କରିବା ପାଇଁ ଜଙ୍ଗଲର ସୁରକ୍ଷା, ଅଭିବୃଦ୍ଧି, ସୁପରିଚାଳନା ତଥା ବନୀକରଣ ଓ ବ୍ୟାପକ ବୃକ୍ଷରୋପଣ ଅପରିହାର୍ଯ୍ୟ। ଆମ ଦେଶରେ ବାୟୁବିଦ୍ୟୁତ୍ତରଣ ଯେତେ ଅଜ୍ଞାନକାମୁ ନିର୍ଗତ ହୁଏ ତା'ର ପ୍ରାୟ ୧୧.୨୫ ପ୍ରତିଶତ ଅଂଶ ଜଙ୍ଗଲ ଓ ବୃକ୍ଷରାଜି ଦ୍ୱାରା ବିଶୋଷିତ ହୋଇଥାଏ। ସୁଖର କଥା ବିଗତ ଦଶନ୍ଧିରେ ଆମ ରାଜ୍ୟରେ ଜଙ୍ଗଲ ଆହ୍ୱାଦିତ ଅଞ୍ଚଳର ଆୟତନ ପ୍ରାୟ ଦୁଇଲକ୍ଷ ହେକ୍ଟର ବୃଦ୍ଧି ପାଇଛି।

ଜନସଂଖ୍ୟା ଓ ଆର୍ଥିକ ସ୍ୱଚ୍ଛଳତା ବଢ଼ିବା ହେତୁ ଜଙ୍ଗଲଜାତ ଦ୍ରବ୍ୟର ଆବଶ୍ୟକତା ବୃଦ୍ଧି ପାଇଚାଲିଛି। ପ୍ରାକୃତିକ ଜଙ୍ଗଲ ସେସବୁ ଆବଶ୍ୟକତାକୁ ପୂରଣ କରିବାକୁ ସକ୍ଷମ ହେଉନାହିଁ। ଏଥିପାଇଁ ଜଙ୍ଗଲର ଉତ୍ପାଦକତା ବଢ଼ାଯିବା ସାଙ୍ଗକୁ ଜଙ୍ଗଲ ଉପରୁ ଚାପ କମାଇବା ପାଇଁ ଯେତେସବୁ ଖାଲି ଜାଗା ସେଥିରେ ଅଧିକରୁ ଅଧିକ ବୃକ୍ଷରୋପଣ କରାଯିବା ଆବଶ୍ୟକ। ଏବେ ଆମରାଜ୍ୟର ପ୍ରାୟ ୨.୮୫ ଶତାଂଶ ଅଞ୍ଚଳରେ ବିକ୍ଷିପ୍ତ ଭାବେ ବୃକ୍ଷ ଆହ୍ୱାଦନ ରହିଛି। ନିର୍ଦ୍ଧାରିତ ଜଙ୍ଗଲ ଅଞ୍ଚଳ ବାହାରେ ବ୍ୟାପକ ବୃକ୍ଷରୋପଣ କରାଗଲେ ଏଭଳି ବୃକ୍ଷ ଆହ୍ୱାଦିତ ଅଞ୍ଚଳ ବୃଦ୍ଧି ପାଇବା ତାହାହିଁ ଏହି ସପ୍ତାହ ପାଳନର ଧ୍ୟେୟ ହେବା ଉଚିତ।

ତଳିତ ବର୍ଷ ବନ ବିଭାଗ ତରଫରୁ ଉଭୟ ଜଙ୍ଗଲ ଓ ଅଣଜଙ୍ଗଲ ଅଞ୍ଚଳରେ ଲାଗିବା ପାଇଁ ୧୨ କୋଟି ୩୦ ଲକ୍ଷ ଚାରା ପ୍ରସ୍ତୁତ କରାଯାଇଅଛି ଓ ଏଥିରୁ ୧ କୋଟି ୮ ଲକ୍ଷ ଚାରା ଜନସାଧାରଣଙ୍କୁ ସୁଲଭ ମୂଲ୍ୟରେ ଯୋଗାଇ ଦିଆଯାଉଛି। ଜୁଲାଇ ୭ ତାରିଖ ଦିନ ରାଜ୍ୟର ବିଭିନ୍ନ ସ୍ଥାନରେ ୩୦ ଲକ୍ଷ ଚାରା ସର୍ବସାଧାରଣଙ୍କ ଉପସ୍ଥିତିରେ ଲଗାଯିବାର ବ୍ୟବସ୍ଥା କରାଯାଇଅଛି।

ବନମହୋତ୍ସବ ସପ୍ତାହ ପାଳନ ଅବସରରେ ପ୍ରତ୍ୟେକ ବ୍ୟକ୍ତି ଅନ୍ତତଃ ଗୋଟିଏ କରି ଗଛ ଲଗାନ୍ତୁ ଏବଂ ତା'ର ସୁରକ୍ଷା ଓ ବୃଦ୍ଧି ପାଇଁ ଯତ୍ନବାନ ହୁଅନ୍ତୁ ଯେପରିକି ଚାରାଟି ଏକ ବିଶାଳ ଦୁମରେ ପରିଣତ ହେବ। ଏହାହିଁ ଆପଣମାନଙ୍କୁ ମୋର ନିବେଦନ।

**ନବୀନ ପଟ୍ଟନାୟକ**  
ନବୀନ ପଟ୍ଟନାୟକ

# Odisha Forests Facts and Figures

## Population of the State (2001 census, in millions)

2001 Census	Total	Rural	Urban	SC	ST
In millions	36.804	31.287	5.517	6.082	8.145
In per cent	100	85	15	16.5	22

## Forest Area as a Percentage of Geographical Area of the State

Geographical Area (sq. km.)	Recorded Forest Area (sq. km.)	Ratio of Forest area to Geographical Area
1,55,707	58,140	37.34 %

## Forest & Tree Cover

As per State of Forest Report, 2009 published by the Forest Survey of India, based on interpretation of satellite imageries and ground truthing, Forest & Tree Cover in the state is as follows:

Area	Very Dense	Moderately Dense	Open	Forest cover*	Scrub**	Tree Cover ***
In sq.km.	7,073	21,394	20,388	48,855	4,852	4,435

\* at least 1 ha of area with more than 10% crown density

\*\* at least 1 ha of area with less than 10% crown density

\*\*\* less than 1 ha in area, with more than 10% crown density

- The Forest cover in the state is 31.38% of its geographical area against the country's 21.02%. The Forest and Tree cover together occupy 34.23% of the geographical area of the State, against 23.84% of the country.
- Of the net increase of 728 sq.km. in forest cover of the country between 2007 and 2009 assessments in the "State of Forest Report", the share of Odisha alone is 100 sq.km., i.e. about 13.74% of the total increase of forest cover in the country.
- During the 10 years ending with the 2009 assessment by FSI, the forest cover in the state has registered a rise of 1.914 lakh ha.

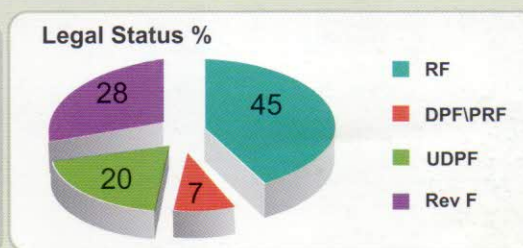
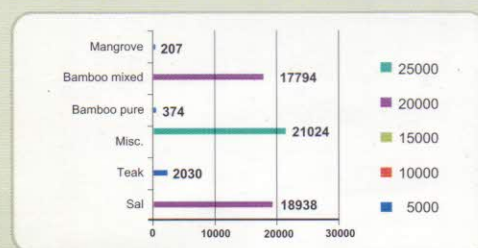
## Per Capita Forest Area

State Average	0.158 Ha.
National Average	0.076 Ha.
World Average (FAO's Forest Resource Assessment)	0.065 Ha.



## Classification of Forest Area (sq.km.) by Legal Status & Main species

The extent of Reserve Forests is 26,329.12 sq.kms. Large parts of Forest land of the state is still in the books of the Revenue Department and is not notified under the Forest Act.



Reserved Forest (sq.km)	DPF/PRF (sq.km)	UDPF (sq.km)	Rev. Forest (sq.km)	Unclassed Forest (sq.km)	Total (sq.km)
26,329.12	11,690.148	3,838.78	16,261.34	20.55	58,139.938

## Diversion of Forest Land for Non Forestry Purpose

Number of Projects	Forest Area Diverted	Compensatory afforestation carried out so far
364	363.63 sq.km.	353.48 sq. km.

## Field Set Up of Forest Department

The Field set up of the Forest Department is organized into 50 territorial Divisions having 281 Ranges. Out of these, 13 Divisions are designated as Wild Life Divisions administered by the Chief Wild Life Warden. The overall administrative control vests with the PCCF, Odisha who is Head of the Forest Force. There is a parallel Kendu leaf organisation having 19 Divisions.

## Afforestation Programme in the State

Afforestation/reforestation measures under different schemes have covered the following extent of area in the last five years.

Year	Area (Ha.)	Saplings Planted (in Lakhs)
2005-06	22,673	124.00
2006-07	28,740	148.00
2007-08	62,614	305.90
2008-09	98,738	445.48
2009-10	92,584	415.35
*2010-2011	2,31,589	1,232.55 (raised)

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### \*Afforestation Programme for the year 2010-11

The state has embarked on a massive programme of afforestation and reforestation. Against coverage of 92,582 hectares in the year 2009-10, a detailed Action Plan has been launched in the year 2010-11 to cover 2,31,600 hectares by measures of afforestation.



The afforestation programme taken up under different schemes in the current year and the previous year are as follows:

Scheme	Source of Funding	Total Area to be covered in 2010-11 (ha.)	No. of Saplings raised (in lakhs)	Area covered in 2009-10 (ha.)
Economic Plantation	State Plan	1,800	34.362	4,002
National Afforestation Programme				
	Central plan	4,889	11.8589	16,458
OFSDP (JICA Assisted)	State Plan	6,8481	428.127	51,780
Under Special Programmes				
KBK Districts Plantation (RLTAP)	State Plan	3,650	36.51	3,875

Scheme	Source of Funding	Total Area to be covered in 2010-11 (ha.)	No. of Saplings raised (in lakhs)	Area covered in 2009-10 (ha.)
Bamboo Development	State Plan	800	3.804	774
OBDA (NBM)	Central Plan	1,100	4.91	102
Bald Hill Plantation	State Plan	558	9.821	
Industrial Plantation	Deposit Scheme	290	3.9215	295
Dasamoola Plantation	Central Plan	104	0.515	256
Asoka Plantation	Central Plan	340	2.369	155
Mangrove Plantation	Central Plan	300	1.20	650
River Valley Project	Deposit Scheme	1,028	5.644	
Urban Plantation	State Plan	37	1.50	
Compensatory Afforestation	Non Plan	4,786	27.42	2815
CAMPA	Deposit Scheme	1,40,978	631.431	
MG NREGS	Deposit Scheme	2,448	31.1528	11,120
Others	Deposit Scheme			302
<b>Total</b>		<b>2,31,589</b>	<b>1,232.55</b>	<b>92,584</b>

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### Economic Plantation

The Plantation of high value tree species like teak, rosewood, gambhar, mahogany, tentra, kasi etc. is taken up under this scheme. As against coverage of 3902 hectares by a mix of block and gap plantation in 2009-10, the current year's programme is being implemented in 21 forest divisions to cover 1800 hectares by planting @ 1600 saplings/hectare. 34 lakh saplings have been raised in nurseries.

**RLTAP:** Main objective of the programme is drought proofing of the KBK region by increasing the tree cover. As per the current Action Plan (2010-11), 2,150 hectares will be covered by Block Plantation and 1500 hectares by silvicultural measures covering 20 micro watersheds, in addition to distribution of ten lakh seedlings.

### Compesatory Afforestation Fund Management and Planning Authority (CAMPA)

The State CAMPA has been constituted. Rs 131.0618 crore has been transferred to the State CAMPA account. The main objective of the Action Plan is to cover 10 lakh hectares of degraded forest by afforestation/reforestation measures over a period of four years. In the current year, there will be afforestation/reforestation over 1.41 lakh hectare and distribution of one crore saplings.



## Orissa Forestry Sector Development Project (JICA assisted)

Implementation of this project in 14 divisions is in the fifth year. Afforestation measures have been taken up over 93,091 hectares by involvement of 1,262 number of VSS to improve their livelihood support. The target for the current year is to take up teak plantation, NTFP species plantation, silvicultural operation over 7,415 hectares, 14,896 hectares, 47,825 hectares respectively and for this purpose 428.13 lakhs saplings have been raised.

### Bamboo Plantation

Odisha Bamboo Development Agency (OBDA) has been set up with an aim to implement the programme of National Bamboo Mission (NBM). The coverage by Bamboo Plantation was 2,196 hectares during 2008-09 and 2,700 hectares during 2009-10.

A Bamboosetum over 2.52 ha of land is being set up at Patrapada, Bhubaneswar to assemble 50 species found in India. 63 varieties of bamboos collected from inside Odisha (20 species), Dehradun (10 species), West Bengal (1 species) and Andhra Pradesh (2 species) have already been planted.

One Centre for Bamboo training and Product Development is being established in partnership with National Mission on Bamboo Application, Govt. of India. This Centre will provide training to the bamboo artisans for upgrading their skill, product development & entrepreneurship development.

Under the State Plan Scheme, in the current year a total of 3.804 lakhs seedlings/rhizomes have been raised, whereas a total of 4.91 lakhs seedlings/rhizomes raised under NBM. There will be bamboo plantation over 800 hectares and 1100 hectares during 2010-11 under State Plan and NBM, respectively.

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### National Afforestation Programme

National Afforestation Programme, a Central Plan Scheme (wherein 100% funds are released to 45 FDAs in the State by National Afforestation and Ecodevelopment Board, Govt. of India) is implemented through three-tier institutional set up i.e. SFDA, FDAs and VSS/EDC at State, Division and village level respectively.



As per revised guideline of NAEB, MoEF, Govt. of India,

- State Forest Development Agency (SFDA) will be in operation this year to function as Federation of all FDAs of the State.
- JFM arrangement with clarity of tenure is central to the implementation of this Programme.
- The FDAs will sign MoU with the VSS implementing the NAP scheme, as well as with the SFDA, indicating mutual obligations, rights and roles.
- Regeneration, reforestation/ afforestation of the degraded forests and adjoining lands under both public as well as private tenure will be taken up.

The total afforested area by 2009-10 was 61185 ha with an involvement of 2,911 VSSs. The target for 2010-11 is 4,889 ha for which 11.80 lakh saplings have been raised.

### Medicinal Species Conservation Programme

Medicinal species conservation programme is being implemented through National Medicinal Plants Board sponsored schemes i.e.

- Conservation and Sustainable use of *Saraca asoca* implemented in Khurda, Keonjhar, Baripada and Karanjia Forest Divisions to cover 340 ha. in 2010-11 against 160 ha in 2009-10.
- Conservation and Resource Augmentation of Dasamool species i.e. *Aegle marmelos* (bela), *Gmelina arborea* (gamhari), *Oroxylon indicum* (phonphana), *Stereospermum chelonoides* (patal), *Solanum indicum* (bheji baigana), *Clerodendron phlomidis* (a shrub), *Solanum surattense* (ankurati), *Tribulus terrestris* (gokhura), *Uraria picta* (iswarajata), and *Desmodium gangeticum* (salaparni) implemented in Balangir, Bargarh and Sambalpur divisions to cover 256 ha (at 13 locations) in 2010-11 against 104 ha in 2009-10.



### Industrial Plantation

This Plantation Programme is being implemented in Talcher and Ranipark area of Angul Division & Jharsuguda area in Sambalpur North Division for improvement of the microclimate and reducing the adverse impact of industrialization and environmental pollution. The target for 2010-11 is 215ha in Talcher and Ranipark area & 75 ha in Jharsuguda area as against 280ha & 105 ha in the respective areas during 2008-09 & 2009-10. A total of 3.92 lakh saplings have been raised for the current year plantation.

### Bald Hill Plantation

A new State Plan Scheme is being implemented in 18 bald hills located in Jajpur and Ganjam districts to make them green. The coverage in 2010-11 is 558 ha for which a total of 9.821 lakh saplings have been raised.



### Evaluation of RLTAFForestation Programme

- A comprehensive evaluation of afforestation carried out under this programme in the years 2002-03, 2003-04 and 2004-05 has been recently carried out.
- Altogether 32,247 ha of afforestation evaluated by 5% sampling, on seven parameters relating to survival percentage, growth of the plant, record keeping, microplanning, proper delineation of the area on ground and on map, and efficacy of entry point activities.
- The overall score ranges between 48% of Koraput division to 74% of Jeypore division. These scores capture the performance and outcome of the afforestation programme.

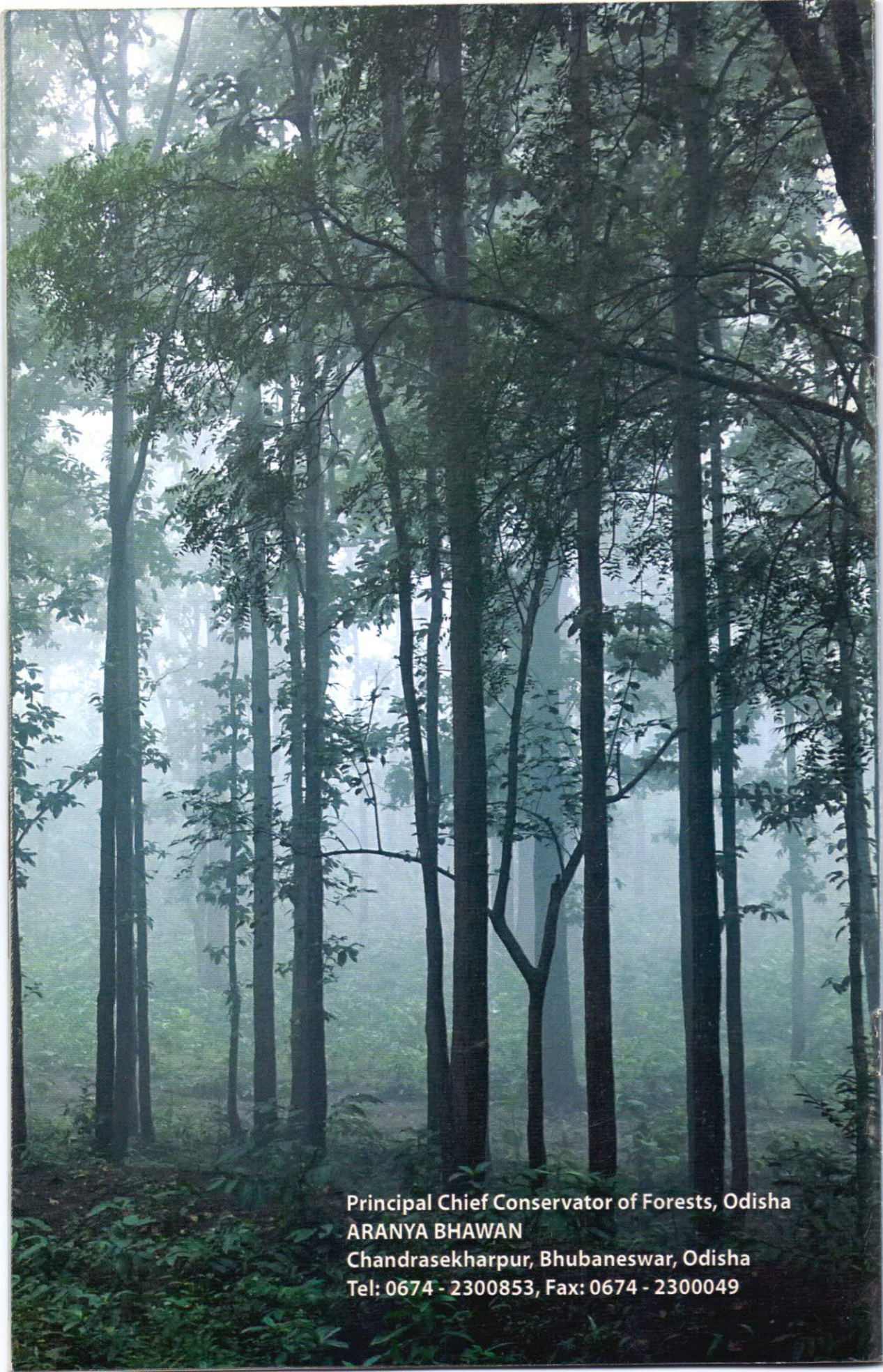


**Ekamravana** A garden (Ekamravana) surrounded by stone carving structures has been developed at Bindusagar for tranquility and harmony in an ambience of medicinal plants. In the current year 36000 seedlings of 66 species have been raised here.

### A Medicinal Plant Knowledge Centre

has been established at Patrapada, Bhubaneswar so as to enhance knowledge about the medicinal plant species among the Foresters and interested people. 277 species have been planted so far, each on a separate plot. A demonstration area has also been developed where all of 300 species are being displayed. The area has been landscaped with an amphitheatre, a central gazebo, two lily ponds and a water fountain etc.

**A mega Nursery** has been established at Phulbani to supply quality planting material for plantation in Kalahandi district and to provide engagement to local people. 485350 stumps/rhizomes of teak, gambhar, bamboo and sissoo & 247856 seedlings of 30 species (teak, jamun, sissoo, amla, mahogany, asoka, etc.) have been raised in the nursery.



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