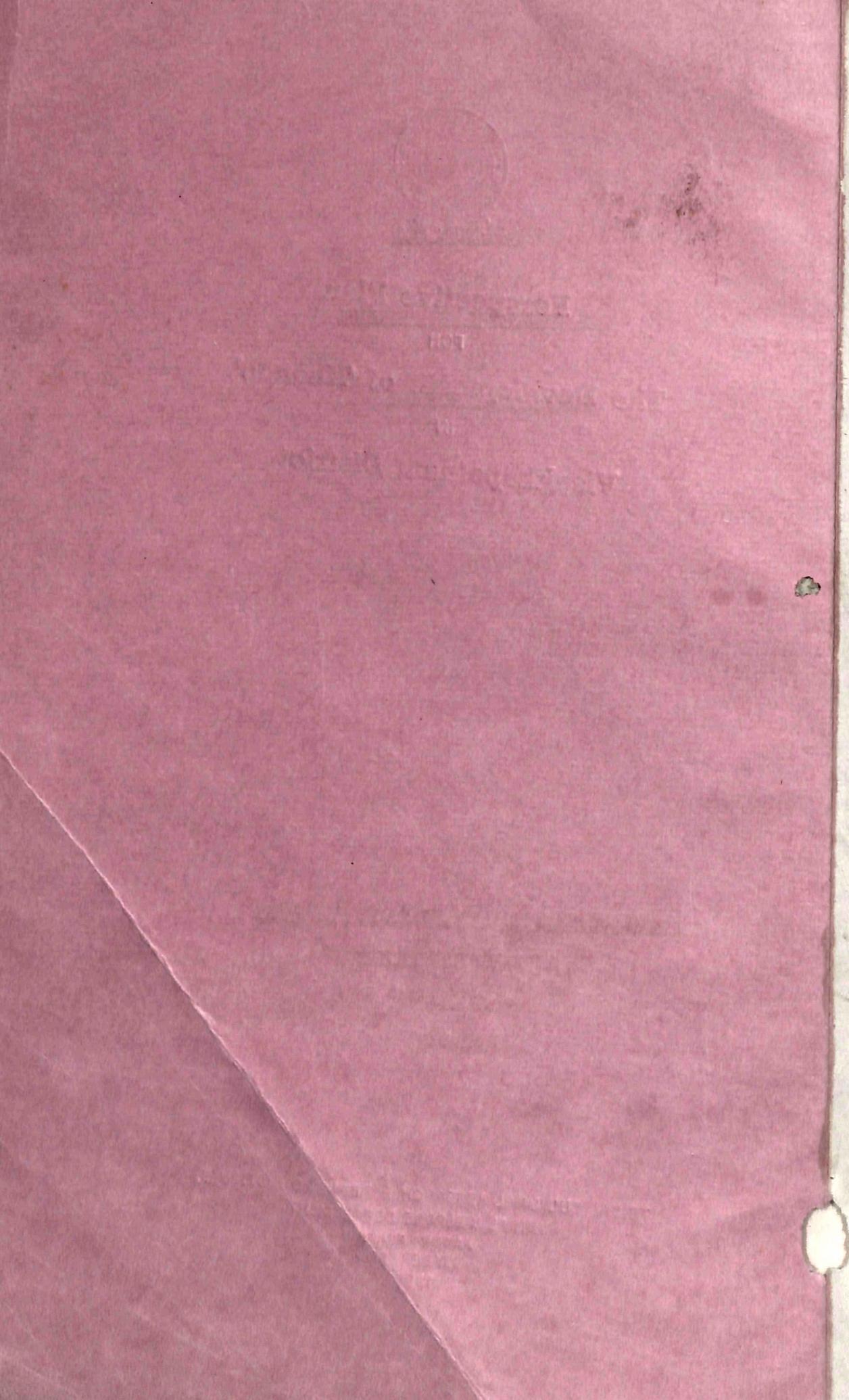




**Perspective Plan**  
FOR  
**The Development of 'Khonds'**  
IN  
**Visakhapatnam District**

164

TRIBAL CULTURAL RESEARCH & TRAINING INSTITUTE,  
TRIBAL WELFARE DEPARTMENT  
ANDHRA PRADESH  
HYDERABAD  
1985



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## P R E F A C E

In order to overcome the imbalances in development among various tribal communities, the Government of India recognised in 1982-83 some of the most backward tribes as Primitive tribes, to implement intensive development programmes for their uplift. These are the Khonds, Gadabas, Porjas, Konda Savars and Thotis. To achieve this goal of bridging the gap between considerably advanced and backward Khonds community the perspective Plan for the 7th five year plan period is prepared.

While preparing the Plan, 388 Khond inhabited villages with a population of 41,491 have been identified. The situation of available facilities in these villages and their felt needs have been taken into consideration and various schemes are being proposed in accordance with felt needs and feasibility of the schemes (basing on the past experience in the implementation of the schemes).

As such the perspective plan for the development of Khonds in Visakhapatnam district during the 7th Plan period is prepared with an outlay of Rs.142.537 lakhs and this amount is sought under Special Central Assistance from Government of India keeping in view, the backwardness of the community. No loan component is involved and all the assistance is being proposed to be given in cent per cent subsidy.

## CHAPTER - I

### INTRODUCTION:

Vizianagaram district is one of the coastal districts of Andhra Pradesh bounded by Orissa State and Vizianagaram district on the north, East Godavari district on the south, Orissa State on the West and Bay of Bengal on the East. The district consists of two distinct regions of contrasting ecological and topographic characteristic features, one with the plain landscape extending from the sea coast upto the foot hills of the Eastern-ghats with moderate temperature and other covered by the thick forest, a top elevated Eastern Ghats with cool temperature inhabited by the tribal people.

The geographical area of the district is 11,167 Sq.Kms. of which the agency tract covers 6298 Sq.Kms. constituting 56.4% of the total geographical area of the district. The agency tract comprising hilly regions covered by the Eastern Ghats which run parallel to the coast from North East to the South West. Average altitude of the Eastern Ghats in the agency is about 900 metres and are dotted by several peaks exceeding 1200 metres. The highest mountain named Sankarayam attains 1515 metres. The entire agency tract is divided into 3 taluks viz., Peduru, Chintapalli and Araku covering 8 Panchayati Samitis viz., Peduru, Podiboylu, Araku, Munchingput, Ananthagiri, Galigupalle, Chintapalli and Royyuru.

### CLIMATE:

The climate varies considerably between plains and the hilly areas of the District. The winter is severe in the hilly tract and of the District while summer is of salubrious climate. The hilly

tracts receive down pouring rains in rainy season due to elevation and thickly wooded forests. April to June are the warmest months. The climate in the agency areas is however, cooler on account of the elevation and thick vegetation. The temperature comes down considerably with onset of the south west monsoon and by the middle of November, there is a marked decrease in the temperature.

#### RAINFALL:

The District receives rain both during the north-east and south-west monsoons. Most of the rainfall is received during south-west monsoon. The normal rainfall for the district is 1038.7 mm, and that of the agency areas is 1163.6 mm.

#### MINERALS:

Minerals such as Graphite, Iron ore, Mica, Manganese, Beryl and coal are located in different places of the agency. The occurrence of crystalline lime stone is found near Derra caves situated in Ananthagiri Panchayat samithi. The lime stone band has a maximum length of about 3,500 feet and a width of about 900 feet. It is generally massive and medium grained and magnesium bearing in character. The limestone deposit persists to a minimum depth of 20 feet and is estimated to yield as much as 40.46 lakh tonnes of limestone. In addition to this main band, another band of 1.5 km. is situated to west of Derra caves. This would be utilized in glass manufacturing and for making mild abrasive for polishing metallic surfaces. Iron ore in the form of magnetite veins 1.6 feet in thickness occur, sandwiched between boulders of talcites in Gengaraju Mekapalle Panchayat samithi. The ore is a high grade massive magnetite containing 69.00% of iron and the reserves are estimated to be about 2 lakh tonnes for 100 f.t. D.B.D.

Huge Barite deposit has been discovered in the Eastern Ghats of Ananthagiri Block.

FLORA & FAUNA: Major portion of the forest in the agency area belongs to mixed deciduous species of low density and poor girth and height except in some areas where the growth is fairly dense. The principal species growing are Terminalia Tomontosa, Pterocarpus marsupium, Albizzia edulis, Ougonia delzeraldiflora, Gaetia arborea, Adina cordifolia, Gravia tiliifolia, Lagerstroemia parviflora, Cestrum, Annona latifolia, Eugenia Jambolina, Bridelia retusa, Buchenia Latifolia, Geruga, Pinnata and Teruinalies.

Though the wild life has enormously decreased due to the depredations of the poachers, boars and chotcas are preponderant. Tigers pose a threat occasionally to human and animal life. The animal like Bison, Deer, Sambar, Rabbit, Porcupine and wild boar are also found in the agency area.

ECONOMIC STRUCTURE: The economic structure of the tribals of the agency tract is agro forest based. Though the tribals mainly subsist on agriculture of one type or the other, the forest plays a vital role in their economy for it provides a variety of foods, in the form of fruits, tubers, leaves, flesh of animals besides various items of Minor Forest Produce for domestic and commercial use. The collection and sale of Minor Forest Produce procludes the tribals from other avocations from the second fortnight of December onwards to the second of April and enables them to earn a sizeable income in order to supplement the meager and uncertain income from agriculture. However, the agro-forest based economy is not free from the vagaries of nature. The tribals are entirely at the mercy of nature.

AGRICULTURAL PRACTICE: The tribals practice both shifting (podu) and settled cultivation. Podu cultivation is the main source of livelihood for Khonds, Konda Deras, Porjas and Geddas. Land under wet cultivation is less as the irrigation facilities are meagre. In the agency areas, the main sources of irrigation are hill streams and tanks which are not fully harnessed. Many of the tribals eke out their precarious livelihood from the innumerable small fragments of dry land. Principal food crops grown by tribals are paddy, Jowar, Bajra, Ragi, Sama etc., They also grow commercial crops like niger, ginger, turmeric on small scale.

The variegated nature, antiquated agricultural equipment, absence of irrigation facilities, primitive technology, use of low yielding local varieties of seeds, lack of knowledge of improved methods of cultivation and plant protection are mainly responsible for the low productivity of agriculture in the agency areas. The tribal farmers are slow in adopting improved methods of cultivation mainly due to lack of assured water supply, infertile soils and uncertain climate.

DEMOGRAPHIC STRUCTURE: Total population of the district as per 1981 census is 25,76,474 of which scheduled tribe population is 3,54,127 constituting 13.7%. The scheduled tribe population is heavily concentrated in Falur, Chintapalli and Araku taluks which constitute most of the agency tract and in some parts of Chedevaram and Naripatnam taluks. The Schedule Tribe population of the three agency taluks is 3,16,048 constituting 89. % of total S.T. population of the district.

#### ETHNICITY:

The major tribal groups inhabiting the district are Bagata, Konda Dera, Khond, Kondakota, Valanki, Ketia Baitho Orkya, Kandare, Porja, Gorabu, Muchukuru, Manodara, Yorukula and Goud.

The tribe-wise population as per 1971 and 1981 Census

(Provisional) is as follows:-

Sl.No.	Name of the Tribe	Population	
		1971	1981 (Provisional)
1.	2.	3.	4.
1.	Dagatha	71,305	84,179
2.	Konda Dora	58,202	68,710
3.	Khondas	30,804	36,365
4.	Konda Kapu	25,103	29,365
5.	Valmiki	24,146	28,505
6.	Koti-Bontho Oriya	15,840	18,700
7.	Kondura	15,375	18,151
8.	Porja	12,357	14,588
9.	Gadeba	12,251	14,453
10.	Mukhadora	10,898	12,866
11.	Koya or Goud	5,057	5,970
12.	Roddi Dora	4,862	5,740
13.	Hanno Dora	4,289	5,063
14.	Yerukkila	3,187	3,762
15.	Mali	1,638	1,934
16.	Nayak	1,137	1,342
17.	Konda Reddi	672	793
18.	Jatapu	154	182
19.	Kulia	143	169
20.	Savara	114	134
21.	Yanadi	95	112
22.	Chenchu	64	75
23.	Unspecified	2,277	2,689
	Total	2,99,970	3,54,127

There are 15 major tribal groups inhabiting the agency areas of the district which gave rise to a broad cultural configuration with an undercurrent of racial, linguistic and occupational diversity. In ethnic, linguistic, social, economic and cultural diversity, the tribes of Visakhapatnam district present a miniature of tribal Andhra Pradesh. While Khonds exhibit Mongoloid strain, Konda Dora and Manne Dora and other tribals have proto-austroloid characteristics. While Khond, Poroja, Benthoria, Gadaba have their own languages belonging to Dravidian and Mankamer family of language, the other tribes speak Telugu.

With regard to the social structure, most of the tribal groups possess clan system. Ritually there are broad similarities between various tribal groups. The most striking similarities are the performance of fertility festivals, first fruit eating ceremonies (Kothas) and ancestor worship by all the tribals of the district.

Almost all the tribal groups continue to have their traditional councils besides the statutory panchayats which have been introduced in tribal areas in the year 1962. In tradition bound tribal society, authority is still vested with the traditional leaders who in most of the cases have occupied the offices of the statutory panchayats.

Though there has been culture change and diffusion of technological innovations on account of introduction of democratic decentralization and Community Development Programmes, certain socio-cultural legacies continued to prevail. The tribals have inherited a primitive world view, a fatalistic philosophy, characterised by conservative conception of materialistic advancement which is reflected in their magico-religious practices and low level of aspirations which hinder their progress. Appalling illiteracy, consequent web of superstition and low level of aspirations are acting as barriers to developmental programmes. However, there are certain positive elements in the

tradition bound socio-economic organisation of the tribals. Though community ownership gave away to individual ownership, reciprocity continues to be the hallmark of the tribal economy. The sacred bond friendship which cuts across the group barriers and fosters harmonious relationship among tribal groups is a shining example of ceremonial tribal reciprocity. The hazardous life of tribals in the inhospitable hilly regions has necessitated corporate life. The tribals have been involved in various stages of development of their areas. They are now represented in various committees of Panchayat Samithi and Zilla Parishad to design various schemes for planned development. Further, the tribals are also involved in co-operative institutions like Girijan Co-operative Corporation and its primary societies which are wedded to their economic development. The tribals are involved in the decision making process of development programmes even at the grass-root level as members of Gram Panchayats.

With the result of various developmental activities undertaken during the planning era, the scheduled tribes of Andhra Pradesh are at varied levels of development. The review made at the end of IV Five Year Plan had also revealed that developmental efforts for the benefit of scheduled tribes have not achieved the desired results uniformly among all the tribal communities of the state and imbalances among the regions and communities continue to exist. Basing on the level of development among various tribal groups of the State Government of India have declared 8 tribal communities viz., Chenchus, Kolaams, Konda Reddis, Khonds, Gadabas, Porjas, Konda Sivaras and Thetics, as Primitive Tribal Groups due to their isolation, pre-agricultural level of development, low literacy etc. In order to bridge the gap between the considerably advanced tribal groups and the backward tribal groups, there is an imperative need of special attention and efforts to be put in for their development.

Khonds is the second largest group among the 8 declared Primitive Tribal Groups after Konda Reddis and their population is mainly concentrated in Visakhapatnam district.

Khonds of Visakhapatnam district are locally known as Samantha, Kodu, Kondakodu and Kondu. They are called Jatapus or Jatapu doras in Srikakulam and Vizianagaram districts. All these terms are synonyms for Khonds. They call themselves as 'Kuvinga' in their own dialect.

#### AREA AND POPULATION:

According to 1971 Census reports, the total population of Khonds of the State is 24,776 (6,875 households) and by 1981, their number has risen to 50,726 (10,145 households) registering an annual growth rate of 4.76%. Their population in the State is estimated to have increased to 58,321 (11,664 households) by the end of 1984.

Khonds population in Visakhapatnam district is spread over 7 tribal developmental blocks viz., Padenu, Pedabayalu, Munchingput, Araku, Ananthagiri, Gangaraju Madugula and Chintapalli. While identifying the Project Area under Primitive Tribal Group (Khonds) Programme, only villages having 20 and above Khond population have been taken into account and as such 388 villages have been identified. Khonds population of these villages is 41,491 (1981 Census), out of a total population of 51,983 (of the identified villages) constituting 79.86% Block wise number of identified villages and details of population are furnished hereunder:-

Sl.No.	Block	No.of identified Villages	Total population	ST population	Khonds % to total population
1.	Pedabavalu	50	4,714	4,714	2089 63.21
2.	Padenu	79	6,829	6,829	6692 97.99
3.	Munchingput	12	1,062	1,062	798 75.14
4.	G.Ladugula	53	4,396	4,335	3077 69.99
5.	Araku	49	3,890	3,870	3225 82.90
6.	Ananthagiri	10	1,322	1,322	687 51.96
7.	Chintapalli	135	29,740	25,108	24023 80.77
	TOTAL	388	51,952	47,240	41491 79.86

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Block wise list of identified Khond villages with population is furnished in annexure No.1.

SETTLEMENT PATTERN: Settlements of Khonds are of linear type and found either perched on hill tops or at the foot hills. On the hill tops we find villages exclusively inhabited by Khonds but in villages at foot hills, Khonds live along with other tribal groups.

SOCIAL STRUCTURE: Khond community is divided into a number of unilaterial groups called clans, consisting of all the blood relatives near and distant, that are believed to be related through common descent and the descent of such clans is traced through a common male ancestor. Each clan has its own distinct name and also its own house deity i.e. 'Illupenu'. On various important occasions each clan worships its deity. Some of the clans with respective 'Illupenu' are as follows:-

<u>Name of the Clan</u>	<u>Name of the Deity or Illupenu</u>
1. Mallika	Ganga Penu
2. Mandinga	Sannulu penu
3. Sirika	Ganga penu
4. Honika	Donga penu
5. Vinoda	Ganga penu
6. Kill'oka	Dodi penu
7. Volkha	Sita penu
8. Boikinga	Hollupenu
9. Hareka	Gangapenu
10. Praska	Gangapenu
11. Mutaka	Sita penu
12. Kumrika	Sita penu
13. Limaka	Sita penu
14. Mimyeka	Dongapenu
15. Niska	Sita penu

The clan being patrilineal, only male members adopt the name of a clan which is used as a prefix to the name of an individual. A woman adopts the name of a clan of her birth till she is married and the clan name of her husband after marriage. Each clan is an exogamous group. Hence a member of a clan should invariably marry from among the clan other than his own. But matrimonial alliances are prohibited between certain groups of clans and permitted with others. The clans between whom matrimonial alliances are not allowed are called 'Taing' or brother clans. The other clans between whom also matrimonial alliances are prohibited are called 'Tone Tainga' (or) clans of friends' brothers clans. Such clans between whom matrimonial alliances are permitted are called 'Samdinga' clans.

Family among khonds is generally nuclear consisting of husband and wife (or rarely wives) with their unmarried children. A girl after marriage is not considered any more a member of the family in which she has born. Generally, father is the head of the family and his voice prevails in social and economic matters. Khond family is patriarchal and patrilineal. Hence inheritance of property and houses-name is traced through father only.

The Khond women do not enjoy the same status as men do. They have no equal say in the matters of policy, but she is generally consulted in all important social and household affairs. However, a woman has an equal right with that of a man in selecting life partner and also in giving divorce. As there is the practice of 'bride-price' a woman is generally treated as a commodity that is purchased by the husband.

Various types of acquiring mates are being practised by khonds viz., marriage by negotiations, by capture, by mutual love and elopement and by service. A khond man has to pay

'Bride-price' khond man has to pay 'Bride-expresses' to the girl's parents before the marriage. If a married woman marries another man, her second husband has to repay the bride-price to the former husband. There is also "Levirate" type of marriage among khonds.

LANGUAGE:-; Khonds have their own dialect called "Kui or Kuvi". They also speak a corrupt form of Telugu.

LITERACY:-

It is estimated that the literacy among khonds of Vishakhapatnam district is less than 1%. In terms of absolute numbers, there are only 298 literates among the more than 1 thousand population of the identified 388 Khond villages in the district. Block-wise number of school age children and school going children with levels of education among literates is furnished in annexures No. 2A and B.

ISOLATION OF THE COMMUNITY:-

Khonds villages are usually situated on hill tops and in interior forests. Majority of the villages are 15 to 20 or more kilometers away from the nearest road point and of the 388 identified villages, only two villages have got the road connection. This fact indicates the isolation of the Khond community.

PRIVATE ECONOMIC PURSUITS:- Agriculture is the main stay of Khonds economy. It is estimated that 20, 677 (83.27%) Khond out of 24,829 total working population is engaged in agriculture as cultivators or agricultural labourers. Distribution of Khonds under various occupations is furnished in annexure No. 3.

Though there are settled cultivators among Khonds, their main occupation is only podu cultivation. Even settled cultivators also practise podu cultivation as their land holdings are very small. Distribution of Khonds families under variou-

sizes of landholdings is given in annexure No. 4

There are 5987 (72.94%) landed families out of a total of 8207 Khonds families. Of the total landed families, 75-03% of households own a land of three acres and below,. Thus majority of them depend on podu cultivation for their subsistence. Block-wise number of families depending on podu (Partly or wholly) and extent of podu land are furnished in annexure No. 5.

PODU CULTIVATION: Khonds cultivate a podu plot for about 3 to 5 years depending on the yield of the produce and then shift to a new hill slope.

Selection of a plot for podu cultivation is generally done in the month of December and cutting of trees starts in the month of February. Before cutting the trees, they worship 'Pothuraju', the God of the jungle, offer him a coconut and an egg. Except Mango, Jack and caryota palm trees, all the trees are felled, leaving stumps of about 1 to 3 feet height. A few families generally those of brothers or brothers-in-law may clear a large extent of hill slope and then share the cleared plot equally for podu cultivation. The felled trees are cut into small logs and left to dry upto the end of March or first week of April. Then all the driedup logs and bushes are collected into heaps and burnt. The stalks of 'ragi', 'sama' which are left out after harvesting the crops are spread all over the podu field and burnt along with the dried up logs, bushes and other plant growth. Thus after burning, entire podu field will be covered with ashes which will serve as a natural manure.

In case of old podu fields, the seeds are sown even before the onset of rains in the ashes of the burnt up trees. But in case of new plots, sowing is done after the rains with the help of hoes. In former case, an occassional rain helps the seeds to sprout. If monsoon is delayed after the initial rains, there is every possibility that the seedlings will die. In such cases, resowing is followed by digging the fields.

Broadcasting of seeds by hand is done for sowing 'sama', 'ragi' 'Olisels' (niger seed), 'Dongradi' and millets, Maize and red-gram are dibbled into the field. 'Ragi' millets and red-gram are also grown as mixed crops.

When the crop is about six inches height, weeding is undertaken from the time the ears of the crop come up, they keep a watch over the crops from the depradation of cattle, wild sheep, monkeys etc. usually, women and children watch the fields during day time. When the earheads begin to ripe, they guard the crops at night against, thieves and wild animals. The burn fires and beat drums during the nights to frighten the wild beasts. They watch the crops from temporary sheds built in the fields.

'Sama' crop is first harvested in the month of October followed by 'Ragi' in November and Maize and millets in the month of December. Red-gram is reared in February.

In addition to podu, some Khond families undertake settled dry land cultivation and if there are any hill streams they also do terrace cultivation wherein they cultivate wet paddy.

Khonds also grow vegetable crops like chillies, brinjals and french beans, and other commercial crops like ginger and pipalmodi in their backyards or small land holdings near their settlements.

Besides podu cultivation Khonds families, mostly women and children collect various minor forest produce like tamarind, mango, jack-fruit, adda leaves and seeds, edible roots and tubers like 'Hoppanga', 'Nangeliunna' 'Kirukunna', 'Ordorka', 'Daklikunna' and 'Malukunna' and herbs like 'Garbsikucha', 'Kambelikucha' 'Hini Kucha' and 'Pullakucha'.

Khonds also undertake hunting and fishing occasionally as there is no much scope for these activities nowadays due to severe reduction in the wild animal population of the forests.

ECOLOGICAL DISEQUILIBRIUM:

As a result of extensive practice of podu cultivation since a long time, forest, on which the life of tribals is depended upon, is fast vanishing resulting in various adverse effects of climatic conditions such as fall in rainfall, soil erosion, lack of forest produce and also silting of major hydro-electric reservoirs like Ure Sileru and Jolagut.

Due to their isolation, illiteracy and other factors, Khonds are unable to follow their fellow tribals of the area in receiving their due share of the benefits of various developmental activities. It is appropriate to say that they have been neglected since long due to their isolated and inaccessible habitations.

Thus, there is an urgent need to make them aware of what is going on around and to make them participate in the developmental activities so that they can also reach the level of development of atleast the advanced sections of other tribal communities.

## C H A P T E R - II.

### RESUME OF PAST DEVELOPMENT:

Khonds, Porjas and Gadabas of Visakhapatnam district were recognized as Primitive Tribal Groups in the year 1982 and funds for their development were started to flow in the year 1983-84. An amount of Rs. 2.5 lakhs was released during 1983-84 of which, 1 lakh was spent benefitting 25 beneficiaries belonging to the above three communities. During the year 1984-85, an amount of Rs. 13.27 lakhs was released, of which Rs. 6.80 lakhs was spent for purchasing 570 pairs of Plough Bullocks for distribution among the beneficiaries belonging to Primitive Tribal Groups.

Thus upto now, only Rs. 7.80 lakhs was spent for the development of Primitive Tribal Groups in the district. But details of Khond beneficiaries are not available.

The particulars of releases and expenditure for Visakhapatnam district under special central assistance for Primitive Tribal Groups since 1983-84 are given in annexure No.6.

## CHAPTER - III

### STRATEGY FOR THE DEVELOPMENT OF KHONDS:

Integrated Tribal Development Agency is functioning in the district since 1974 and huge amounts are being spent for the development of tribals. Mostly area based programmes are being implemented by the Integrated Tribal Development Agencies on the assumption that the development of the project area will automatically result in the development of Project population. This assumption holds good if the population in the Project area is socially and economically homogenous and have the same degree of receptivity of developmental activities. But in case of Khonds, the situation is contrary to the assumption and even after sizeable sums were spent and extensive efforts were put in under various sectors of development over the last decade, the Khond community remained backward and occupy the lowest place in the development scale.

Khonds are still primitive agriculturists at a very low level of production which is the direct result of a number of factors operating on their environment such as small and uneconomic land holdings, undulating terrain, low fertility, antiquated agricultural technology and tools, use of traditional seed and lack of knowledge and capacity to apply improved inputs and technology.

It is not exaggerating to say that Khond community has been neglected in the past due to various reasons such as their isolation, low literacy, lack of interest among them to earn the benefits of developmental activities. Their staggering backwardness is further vivid by a look at the available facilities in the identified Khond villages as given in annexure No. 7. Out of 388 Khond populated villages, excepting primary schools in 5 villages, Cisterns in 34 villages, Roads for 3 villages and Electricity for one village, any other facilities

under development sectors like Agriculture, Irrigation, Animal Husbandry, Education, Medical and Health, Roads and Communication, Co-operation and Marketing, Banks, etc., are not available. Inaccessibility of these villages account for this major neglect of the Khond villages.

The following facts about the natural resources and their command by Khonds need special attention here.

- a) Forest occupies vital place in the life of Khonds. Nowadays, they are devoid of the forest produce due to the deforestation and other forest laws.
- b) The Podu cultivating Khonds do not have sufficient livestock to provide draught power and manure for agricultural development.
- c) Land resources in the Khond inhabited villages are very limited and irrigation potential is negligible.
- d) There is a large manpower which is under utilized for considerable part of the year.
- e) Literacy among Khonds is very much negligible and the skills of the Khonds are entirely traditional and as such they are unable to avail the new opportunities envisaged under the Integrated Development plans.

The results of Area based developmental plans hitherto implemented by the Integrated Tribal Development Agencies do not guarantee accrual of benefits of development to every section of the population of the Project area. The benefits created under various sectors are generally availed by relatively more receptive and advanced tribal groups. If this process is continued, it will result in group imbalances and further widen the gap between backward tribes and advanced tribal groups. To avert this, separate plan under

## CHAPTER - IV

### PROGRAMMES:

While formulating suitable strategy for the development of Khonds, due regard has been given for the existing agro-climatic conditions, availability of local resources. The cultural/economic practices and aptitude skills of the Khond community. Suitable schemes under different sectors have been evolved to generate substantial income for 8207 identified Khond families so that these families will be in a position to cross the poverty line. In addition, necessary inputs have been proposed to be provided to the farmers wherever such need arises. Besides specific representation of felt needs of the Khond villages (as shown in annexure No. 8) shifting cultivators and landless tribals have been given importance while designing the development programmes.

The community has also been provided with the peripatetic training so that they can make the best use of schemes in creating durable assets for their families.

1. AGRICULTURE: Agriculture either 'Podu' or settled cultivation is the principal source of livelihood for a majority of the Khonds among whom 83.27% of the working population depends on agriculture either as cultivators or agricultural labourers. But the income from agriculture is very low as Khonds are essentially primitive 'Podu' cultivators. It is therefore necessary to assess the present status of agriculture in the project area and to identify various factors responsible for the present low level of production.

LAND HOLDINGS: Out of the 8207 identified Khond families 5987 families own land in different holding sizes. It has been observed that 96.46% of the landed families own less than 5 acres of land and 51% of the families depend on podu either partly or fully to earn out their livelihood.

PRODUCTIVITY OF THE LAND: The productivity of land depends upon various factors like topography, cropping pattern, types of soils, irrigation

facilities available quality and quantity of inputs used and the agrarian practices. The topography of the Khond project area is undulating. The undulating terrain coupled with 'Podu' cultivation has led to serious soil erosion. Agriculture is rainfed, soils are mostly red loams and sandy loams. All these factors determined the cropping pattern which is characterized by predominance of low yielding traditional food crops. As a result, the productivity is very low. Thus the agricultural produce can sustain Khonds for a few months and they depend mainly on collection of minor forest produce and labour during the rest of the year.

SOIL NUTRITION: The practice of podu cultivation by Khonds for the last several centuries has drained off its essential nutrients and it is one of the main reasons for low yields. There is no scope for manuring of podu fields as it is of little use in steep hill slopes. Even in settled cultivation, manuring is very much insufficient as the cattle population of Khonds community is very much limited. Use of green manure and chemical fertilizers is not there among the backward Khonds.

SOIL EROSION: Soil erosion in the project area is a serious threat to Khonds agriculture. Due to steep gradient and heavy rain fall erosion is severe which results in removal of fertile top soil and soluble salts. Podu cultivation leaves vast stretches of hill slopes uncovered especially at the onset of monsoon, thus causing soil erosion.

IRRIGATION: In the Khond Villages there are no irrigation facilities except the hill streams under which negligible area is being cultivated.

Keeping all these constraints in view, agriculture has been given top priority and the following schemes have been proposed for the development of agriculture in the identified Villages of the Khond community. Details of Blockwise physical targets and financial requirements under each scheme proposed are furnished in Annexure No.9.

LAND DEVELOPMENT: The Area inhabited by Khonds is mainly on hill slopes and hill tops. Hence the terrain is undulating. In addition to this 'Podu' cultivation and resultant soil erosion leave numerous stumps and stony surface. Thus the undulating terrain, stony surface, stumps of t

leftout during the podu cultivation makes it difficult to cultivate the land. Hence it is proposed to develop 6804 acres of land at a cost of Rs.34.02 lakhs, by building contourbunds or stone bunds and removal of tree stumps and stones etc.

SUPPLY OF INPUTS: Basing on the felt needs of Khond families, it is estimated that 577 families require plough bullocks and it is proposed to supply the same at a cost of Rs.53.65 lakhs. This will provide both draught power in cultivation and manure for their lands to improve the productivity of their agriculture.

It is also proposed to supply inputs like carts, agricultural implements and seeds and fertilizers to augment the productivity and thereby to wean them away from the practice of podu cultivation.

It is proposed to supply Carts to 204 families at a cost of Rs4.08 lakhs, agricultural implements to 977 families at a cost of Rs.2.44 lakhs and high yielding seeds and fertilizers to cover 1585 acres of land at a cost of Rs.2.38 lakhs. It is suggested that carts are to be supplied to those Khonds families inhabiting in comparatively plain terrain as they will not be useful for villages on steep hill tops.

CITRANELLA DEVELOPMENT: Citranella is one of the most important essential oils used in perfumery and cosmetic industry.

Cultivation of citranella grass was first introduced in Chintapalli area in 1974 in about three acres on experimental basis. Due to the good results, by the year 1979-80, about 110 acres of tribal land was brought under citranella cultivation. Basing on this experience, it is proposed to start citranella development in the Khond area of Chintapalli Panchayat Samithi in 50 acres at a cost of Rs.0.90 lakhs.

Khonds will be encouraged to grow vegetable crops like potato and Tamato either under irrigation or rain fed conditions. By cultivating these crops near their villages, it will be possible to make maximum use of family labour and thereby their income would be improved. Consumption of vegetables will also increase the nutritive value of their diet. Thus it is proposed to cover 150 acres under potato cultivation and 130 acres under

Tamato cultivation at a total cost of Rs. 4.40 lakhs.

CULTIVATION OF PIPALMODI (MEDICINAL PLANTS) AND GINGER: Pippalamodi is a plant whose tubers are used in the manufacture of various medicines and it has got very good market value. The existing value ranges from Rs. 40 per Kilogram, to Rs. 200 depending on the quality of the tubers. These plants are now grown in the backyards of small plots of land near their home steads. If sufficient help is provided to develop lands and supply of seed material, it can be grown on large scale which will substantially increase the income of Khond families. Hence, cultivation of Pippalamodi is proposed in an area of 70 acres on experimental basis and it can be extended to larger areas basing on the success of the scheme. The cost of this scheme involves Rs. 1.40 lakhs.

Similarly, Ginger is now grown in the backyards and small plots. Lands of the Khond project area are very much suitable for Ginger cultivation and Ginger has also got good market value. Hence it is proposed to cover an area of 30 acres among various Khond villages to augment their income. This schemes cost of Rs. 0.09 lakhs.

II. HORTICULTURE: The climatic condition of the project area is very much suitable for the development of Horticulture. The horticulture schemes normally provide 10 times more income than the seasonal crops, besides protecting the tribals from malnutrition and also helps in restoring the ecological equilibrium. This scheme of horticulture development envisages supply of pedigree fruit plants, digging of pits, planting, fencing, watering, application of manures and pesticides etc., under the close supervision of technical staff from I.T.D.A. within the reach of tribals.

The programme is proposed to be covered to mainly in Government waste lands, to be assigned to Khonds and also in some cases in the private lands owned by the Khonds. It is suggested that all the horticultural operations will be done by the beneficiaries themselves, which will ensure employment to them and provide ample scope to identify themselves with the programmes.

Development of horticulture need irrigation facilities and hence it is proposed to provide one irrigation source for every 6 to 10 acres at a cost of Rs.20,000/-. Under this scheme raising of gardens of fruit bearing plants like Mango, Cashew, Banana are proposed to be taken up in an extent of 300 acres during the VII Plan period at a cost of Rs.11.05 lakhs.

**MANGO GARDENS:** The estimated investment for the development of Mango gardens is Rs.3,015 per acre over a period of 5 years and for provision of irrigation facility, an amount of Rs.2.00 lakhs towards 10 irrigation sources is required. Thus the total cost of raising Mango plantations in an area of 100 acres is 5.015 lakhs. The per acre cost involved for various activities over a 5 year period is given in Annexure-10.

**CASHEW PLANTATION:** The per acre investment required for taking up Cashew plantation is Rs.2,000 over a period of 5 years and for providing irrigation facility an amount of Rs.20,000 per source is required. These plantations are proposed to be taken up in an area of 100 acres in the Khond project area and the total cost involved is estimated to be Rs. 4.00 lakhs, Rs.2.00 lakhs towards raising of gardens and Rs.2.00 lakhs for providing 10 irrigation sources. Details of per acre cost involved is given in Annexure No.11.

**BANANA PLANTATION:** Banana plantations are proposed to be raised in an extent of 100 acres at a cost of Rs.2.80 lakhs per acre cost involved being Rs.800/- for raising garden and Rs.20,000/- for providing one irrigation source for every 10 acres of plantation. Thus the total cost of the scheme of raising Banana gardens in an extent of 100 acres is estimated to be Rs.2.80 lakhs.

**III. SOCIAL FORESTRY:** Podu cultivation coupled with indiscriminate felling of trees for fuel and other purposes in the project area results in heavy soil erosion, silting of river beds, tanks and hydroelectric reservoirs in the lower reaches and ecological imbalance of the area. This needs an urgent rectification of this situation by growing forests. In this purpose it is proposed to take up social forestry schemes under which silver oak, tapoil and subahul plantations will be raised in an area

400 acres covering the 7 Tribal Development Blocks.

Social forestry on individual farm lands, tribal home steads, farm bunds and in denuded forest areas around their habitations will not only create the much needed wood resources, prevents soil erosion besides providing employment to tribals in operations like raising nurseries, regeneration, planting, watering, digging of pits etc.

#### SILVER OAK PLANTATIONS:

It is proposed to raise silver oak plantations in an area of 150 acres at a cost of Rs.1.20 lakhs.

TAPIOKA: It is proposed to raise tapioca plantations in an extent of 150 acres involving an expenditure of Rs.1.20 lakhs.

SUBABUL: It is proposed to raise subabul plants in an extent of 100 acres at a cost of Rs.1.00 lakhs.

#### IV EDUCATION:

1. MASS LITERACY PROGRAMME: This programme envisages to start Mass Literacy Centres in such Khond villages where there are no schools or Adult education Centres. In these Centres both adults (30 members) and children of 6-10 years age will be covered. Adults will be taught during nights and children in day time.

Under this scheme, it is proposed that the expenditure on adult education will be met from the General sector subplan funds (as per the Adult Education Department rates of stipend and other expenditure) and the balance from the Special Central Assistance for primitive tribal groups.

It is proposed to start 250 centres during the 5 year period 67 centres per year in the identified Khond villages. The number of centres is estimated on the basis of total adult population and total children in the age group of 6-10 years in the identified Khond village.

The expenditure particulars for one Centre per year is as follows:

	Stipend for the teacher Rs. 300/- p.m. for 12 months	Rs. 3,600
	Cost of Kerosine @Rs.30/-p.m. for 12 months	Rs. 360
Recurring	Miscellaneous expenditure for 12 months	Rs. 60
		Rs. 300
Non-recurring	Towards furniture, study materials etc.	
	Total	Rs. 4,320
	Expenditure for 50 Centres during the first year	Rs. 2,16,000
	Expenditure for 200 Centres (from 2nd to 5th years with 50 Centres each year)	Rs. 8,04,000
	Total	Rs. 10,20,000
	Share of General Sector Sub-Plan funds	Rs. 4,20,000
	Share of Special Central Assistance funds	Rs. 6,00,000
	Total	Rs. 10,20,000

## 2. TRAINING PROGRAMMES FOR MOTIVATION OF TRIBALS TOWARDS DEVELOPMENTAL ACTIVITIES:

The main aim of this scheme is to create awareness among the Khonds about various developmental activities which are being implemented for their developmental explaining various factors responsible for their backwardness and how their fellow tribals are forging ahead of them in getting their due share of benefits from various developmental activities. The emphasis may be given on various rehabilitation programmes like social forestry, Horticulture etc. for landless people and various agricultural schemes for people with lands. They will also be acquainted with constitutional safeguards, protective legislations etc.

The training programmes are to be conducted at the Block/Mandal headquarters by the staff of Integrated Tribal Development Agency,

Panchayat Samithis besides those from Tribal Cultural Research and Training Institute.

It is proposed to conduct 10 training programmes per year with 50 tribals per programme completing 50 programmes during the 5 year period. The duration of the programme is 5 days.

The estimated cost per programme of the scheme is as follows:-

To and fro T.A. for 50 people @ 10 per candidate	Rs. 500
---	---------

D. A. @ Rs 15 per day for 50 people	Rs. 3,750
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Miscellaneous expenditure	Rs. 750
---------------------------	---------

Total	Rs. 5,000
-------	-----------

For 50 Programmes	= Rs. 5,000 x 50 = Rs. 2,50,000
-------------------	---------------------------------

#### V. MEDICAL AND HEALTH:

Health workers Scheme: Under this scheme it is envisaged to appoint Health workers from the Khond community as the rate of one worker to cover 1000 population, (41 workers to cover the population of the identified villages). The workers' main duty is to create general awareness about health and hygiene and family planning and welfare among their community people, guiding them to the nearest hospitals and to attend to smaller ailments.

The Health workers will be attached to the nearest Primary Health Centres and will be given training for three months. During the training period they will be paid a stipend of Rs. 300/- per month and after training Rs. 50/- per month as honorarium and kept under the supervision of the nearest Medical Officer.

The estimated expenditure towards this scheme for the 5 year period is as follows:-

Stipend for 40 workers @ Rs. 300/- p.m. during 3 months training period @ Rs.	Rs. 36,000/-
Honorarium for the rest of 9 months of first year @ Rs. 50/- p.m.	Rs. 18,000/-
Honorarium for 4 years	Rs. 96,000/-
Total	Rs. 1,50,000/-

VI INDUSTRIES: In almost all the identified Khond villages, there is a considerable production of Turmeric and Ginger. This is being sold out side business people at throw away prices who will transport it to plains and after during, sell it at very much higher prices.

Hence it is proposed to establish Turmeric and Ginger processing units, by which Khonds can get their produce cured and can get very good market rates for their produce. Thus, the middlemen can be avoided.

It is proposed, to start 7 such units at a cost of Rs.0.35 lakhs.

VII CONSTRUCTION OF CISTERNS: Out of the 388 identified/villages, only 34 villages have got drinking water facility and in the rest of the villages, people are facing water problem especially in summer. Hence it is proposed to construct Cisterns in 150 villages (based on felt needs) at an estimated cost of Rs. 7.50 lakhs @Rs.5,000 per Cistern.

VIII. OTHER SCHEMES:

SUPPLY OF SEWING MACHINES:

In order to provide additional income to Khond families, it is proposed to select 125 Khonds youth, give them training in tailoring and supply them with sewing machines.

This proposal involves supply of 125 machines at a cost of Rs.1.875 lakhs.

The programme wise abstract of finance required is given in annexure No. 12.

ANNEXURES

A N N E X U R E - I.

LIST OF KHOND VILLAGES IN VISAKHAPATNAM DIST.

Block:	S.No.	Name of the village	Census Code	Population No. (Khonds)	No. of House-Holds
1	2	3	4	5	6
I. Munchingput	1.	Sindiput	38	105	20
	2.	Chinahammingula	299	110	22
	3.	Virikugumml	..	53	8
	4.	Dabuguda	9	38	9
	5.	Karlapodaru	699	95	19
	6.	Boddapahasa	109	37	11
	7.	Borrangula	111	25	8
	8.	Onneda	..	126	20
	9.	Pongalem	659	41	13
	10.	Kundiriput	422	54	10
	11.	Sakirevu	234	50	11
	12.	Sariappali	..	..	..
II. Pedabayalu	13.	Cheepuriugondi	440	75	15
	14.	Deguvakumada	438	70	15
	15.	Pittagedda	497	50	10
	16.	Sirlametta	441	74	15
	17.	Maddulabanda	443	75	15
	18.	Saginaputtu	492	50	10
	19.	Pulagondi	493	50	10
	20.	Busiputtu	565	150	30
	21.	Pittagudlu	567	30	6
	22.	Gandalam	788	115	23
	23.	Empateegala	672	75	16
	24.	Gabaramamidi	676	35	7
	25.	Mettuguda	675	35	7

		29	:-		6
2	3	4	5		
26.	Landulu	622	75	15	
27.	Jangamputtu	626	50	10	
28.	Saparamamidi	744	24	5	
29.	Koduvuru	792	25	5	
30.	Kajjadi	894	25	5	
31.	Kummaragunta	887	30	5	
32.	Tulam	843	50	6	
33.	Bongadari	593	40	7	
34.	Badama	643	21	6	
35.	Nimmagunta	640	50	9	
36.	Jadiguda	705	70	12	
36.	Totalagondi	705	70	12	
37.	Jadiguda	651	100	18	
38.	Eguvapedapalli	710	100	20	
39.	Digvapedapalli	709	50	10	
40.	Edulaputtu	648	100	20	
41.	Mangabanda	646	140	30	
42.	Januguda	684	40	8	
43.	Ambapadu	430	20	4	
44.	Adekodalabanda	251	30	6	
45.	Garrivada	390	20	4	
46.	Gunnachalam	312	20	4	
47.	Chedumanugaruvu	357	20	4	
48.	Puligondi	725	140	28	
49.	Bangarumamidi	727	125	25	
50.	Gadipalli	655	45	9	
51.	Allamputtu	569	30	6	
52.	Babjarai	526	30	15	
53.	Lakayputtu	534	57	14	
54.	Kappada	537	20	24	
55.	Yerragoppu	769	52	10	

1	2	3	4	5	6
	56.	Lugatambi	600	50	10
	57.	Barlaputtu	825	35	5
	58.	Vanabhangi	924	33	7
	59.	Bolamula	1628	23	5
	60.	Degachampalu	1565	77	13
	61.	Chintagondi	1552	48	15
	62.	Jangamputtu	535	50	10
III.	Paderu	63	Chilakalaputtu	1199	94
		64.	Edulagondi	1141	34
		65.	Suvvapadu	1313	46
		66.	Malapadu	1294	25
		67.	Borraballuru	1185	47
		68.	Gunagummi	1323	31
		69.	Soda	1177	74
		70.	Pettugudalu	1180	59
		71.	Pedachettu	1156	28
		72.	Kavurai	1395	73
		73.	Rudavanda	1397	49
		74.	Ranamkota	1517	53
		75.	Daragedda	1518	163
		76.	Vakapalli	1422	54
		77.	Rallametyapuram	1525	59
		78.	Sembi	1598	48
		79.	Banigarumetta	1703	129
		80.	Pedapadu	1402	101
		81.	Chettibedda	1167	70
		82.	Gurralatota	1090	123
		83.	Pamurai	1080	61
		84.	Kinneralov	1092	53
		85.	Olibedda	1093	219

1	2	3	4	5	6
86.	Panagabanda	1099	87	19	
87.	Anuru	1105	103	22	
88.	Bijjapalli	1107	100	20	
89.	Nimmalagondi	1140	34	7	
90.	Digagamdepalli	1102	90	19	
91.	Yegagamdepalli	1089	127	25	
92.	Baringibanda	1187	28	6	
93.	Boddaputtu	1143	25	5	
94.	Pantulachinta	1110	30	6	
95.	Gonduru	1440	47	9	
96.	Kunturla	1142	x2x255	51	
97.	Baggam	1101	33	7	
98.	Kamayyapeta	1104	45	9	
99.	Gilli baddu	1613	109	22	
100.	Jarrakonda	..	22	4	
101.	Sisaipanuku	1902	125	25	
102.	Pulipalli	1896	33	6	
103.	Peddapalem	1914	128	25	
104.	Vantharlapadu	..	52	10	
105.	Jangidipalli	..	23	4	
106.	Jangidipalli	1706	41	8	
107.	Buridigummi	1901	208	40	
108.	Kothapolam	1733	158	0	
109.	Onuru	1734	105	20	
110.	Choudupalli	1737	107	20	
111.	Ohajabarthy	1810	109	20	
112.	Rangisingipadu	1893	125	26	
113.	Bidarigaravu	1887	154	30	
114.	Rellimamidi	..	58	10	
115.	Sidimetta	1856	59	10	

1	2	3	4	5	6
116.	Dallapalli	1884	208	40	
117.	kaparamajji	1889	78	15	
118.	Pedugupputtu	..	36	7	
119.	Sappiputtu	1657	220	45	
120.	Allivara	1617	115	20	
121.	Jadumamidi	1584	128	25	
122.	Kandrempadu	1585	118	20	
123.	Kodigud lu	1694	60	11	
124.	Borragondi	1690	38	8	
125.	Modapalli	1699	118	22	
126.	Gurragaruvu	1699	168	30	
127.	Galipadu	1707	55	8	
128.	Saldigedda	1696	32	6	
129.	Muntamomidi	1662	34	6	
130.	Jamigudda	1691	85	156	
131.	Bangarumetta	1524	115	20	
132.	Chintagunnalu	..	130	25	
133.	Matikabanda	..	80	15	
134.	Algiri	1709	95	15	
135.	Jeedipagoda	1710	115	20	
136.	Kothavuru	1535	45	9	
137.	Thotlagumma	..	50	10	
138.	Gummadagundu	1361	112	25	
139.	Nakkagyyi	1491	39	7	
140.	Barengibanda	1434	26	5	
141.	Musiripadu	1596	83	15	
G.Madu gula	142. Mulakayaputtu	1849	55	10	
	143. Galipadu	1838	68	13	
144.	Tadipalem	1844	70	13	
145.	Korrapadu	956	46	9	
146x.	Kotturupet	1861	22		

1	2	3	4	5	6
G.Madugula	146.	Kadigarai	1864	28	5
	147.	Goyyagunta	1998	168	35
	148.	Kimudupalli	1229	43	8
	149.	Devarapalli	1838	41	8
	150.	Gedalabanda	1847	53	10
	151.	Kothurupadu	1836	112	26
	152.	Cheruvuveedhi	935	70	13
	153.	Sariarai	1915	47	9
	154.	Sampangiputtu	851	72	14
	155.	Puthadigondi	1879	102	24
	156.	Magatha	1857	55	10
	157.	Bhoomipadu	1751	56	11
	158.	Vedurupalli	1863	70	14
	159.	Pillimanibanda	1854	53	10
	160.	Golugonda	..	45	9
	161.	Ondrangulu	954	26	5
	162.	Bandamamidi	857	67	13
	163.	Sampangipattu	854	53	10
	164.	Gochari	813	45	8
	165.	Pedagondi	777	38	7
	166.	Adarivara	809	58	12
	167.	Talabarisiagi	861	62	12
	168.	Cheemalamamidi	807	47	9
	169.	Chintagoppu	813	41	8
	170.	Kothuru	683	72	14
	171.	Pilliputtu	734	91	18
	172.	Gondili	920	58	11
	173.	Lampalli	921	118	23
	174.	Chadurumamidi	700	61	12

1	2	3	4	5	6
	175.	Mandiba	906	99	20
	176.	Rooyalagedda	939	42	8
	177.	Vanakuru	948	56	11
	178.	Putigametta	721	64	12
	179.	Kothavuru	1824	50	9
	180.	Onabharangipedu	1796	50	10
	181.	Andelamamidi	2040-A	20	3
	182.	Vanharamamidi	1814	43	8
	183.	Teeyamamidi	1804	61	12
	184.	Pedavalasa	1741	57	11
	185.	Rasapanuku	1740	39	8
	186.	Sampalu	1737	112	21
	187.	Li geriputtu	786	60	12
	188.	Dondagaruvu	832	26	5
	189.	Veddurugoyyi	794	20	4
	190.	Moyyalagommi	667	45	8
	191.	Baram	1042	35	7
V Araku:	192.	Ganjigedda Nittapukku	X 32	x 32	
		Nittaputtu	839	30	6
	193.	Kothapalli	1033	38	7
	194.	Mulagaruvu	801	32	6
	195.	Pedagangudi	811	129	26
	196.	Piribanda	845	118	27
	197.	Dabugudu	821	67	18
	198.	Sangamvalasa	..	23	6
	199.	Limbagudu	706	35	8
	200.	Thongagedda H/o. Madala	653-A	95	19
	201.	Domallore, H/o. Madala	658-B	38	9
	202.	Pedamampvalasa H/o. Madala	658-C	24	6
	203.	Padamampvalasa H/o. Madala	658 D	25	3

1	2	3	4	5	6
204.	Sittangondi, H/o.Madala	658	37	6	
205.	Raktakandi	617	32	4	
206.	Dumgiaputtu	861	24	4	
207.	Bijaguda	869	43	6	
208.	Gandana	875	44	7	
209.	Kotharaiguda	830	87	10	
210.	Gangaguddi	759	207	26	
211.	Kusumaguda	800	89	10	
212.	Gayabanda	790	22	4	
213.	Gondivalasa	692	113	23	
214.	Bondanguda H/o. Padamapuram	..	42	10	
215.	Koyyamamidi	382	83	21	
216.	Pujariput	366	28	5	
217.	Vanabanda	383	24	5	
218.	ikkili bedda	367	100	16	
219.	Mogiliguda	364	71	18	
220.	Similiguda	384	55	15	
221.	Baliyaguda	381	82	16	
222.	Pothangi	473	46	12	
223.	Pedapadu	569	80	20	
224.	Silamgondi	534	36	8	
225.	Anthariguda	506	32	10	
226.	Kukkudubedda	470	40	8	
227.	Panasaput	448	51	7	
228.	Lasariguda	471	..	..	
229.	Kaguvalasa	337	84	24	
230.	Kothavalasa	337	69	8	
231.	Baliakoru	392	33	5	
232.	Baliaguda	426	22	6	
233.	Lamathampadu	843	84	17	

1

2

3

4

5

6

	234.	Dibbavalasa	793	120	22
	235.	Sandhivalsa	527	45	8
	236.	Jarripadu	573	100	15
	237.	Podujula	..	43	8
	238.	Kukudubedda	..	37	5
	239.	Golluru	..	32	5
	240.	Panasaputtu	502	55	7
	241.	Gondi valasa	569	250	42
	242.	KM Adraguda	533	75	14
	243.	Kutti	519	154	31
VI.	Ananthagiri:	244.	Kodithala	1404	81
		245.	Dumbruvalasa	1247	47
		246.	Burja	1240	112
		247.	Dayarthy	308	123
		248.	Rallagaruvu	267	34
		249.	Cheedigaruvu	273	36
	250.	250.	Nakkalamamidi	266	92
		251.	Thuniseebu	254	28
		252.	Valammamidi	251	110
		253.	Gummanthi	276	24
VII.	Chintapalli.	254.	Annavaram	117	198
		255.	Panasapadu	118	279
		256.	Somavaram	79	416
		257.	Vantarapalu	78	140
		258.	Johar	119	176
		259.	Vedurupalli	74	57
		260.	Chittamparuvu	75	60
		261.	Balapam	19	103
		262.	Kudumulu	58	256
		263.	Turumamidi	13	83

1	2	3	4	5	6
264.	Dugavalasapalli	39	36	7	
265.	Veeravaram	59	118	23	
266.	Vehamajuvu	18	50	10	
267.	Regallu	123	204	41	
268.	Gochepalli	121	140	28	
269.	Pinapadu	122	117	23	
270.	Potharajugumudu.	180	337	77	
271.	Punukur	237	187	37	
272.	Garimenda	291	221	45	
273.	Kannavaram	232	217	43	
274.	Annavaram	279	413	82	
275.	Halapalem	289	106	21	
276.	Pasuvulabbande	175	682	137	
277.	Chinnagedda	228	471	94	
278.	Mallavar am	191	527	106	
279.	Kandulagadi	192	216	43	
280.	Pippaladoddi	297	446	89	
281.	Lingavaram	271	377	76	
282.	Madem	270	295	79	
283.	Signabilli	272	356	71	
284.	Annavaram	226	68	14	
285.	Petr al	9	162	33	
286.	Nimmachettu	53	104	21	
287.	Chekkalamamidi	52	63	13	
288.	Mangalapalem	217	262	53	
289.	Lakkavaram	213	274	55	
290.	Thulabeda	373	46	9	
291.	Kothagudem	261	66	13	
292.	Jerrila	877	403	81	
293.	Jerrilakothuru	131	153	31	
294.	Kinnerla	190	315	63	
295.	Degalapalem	187	110	22	
296.	Godugumamidi	186	130	26	
297.	Kadasiklpe	132	271	54	
298.	Pedapakalu	189	136	27	
299.	Sallai	269	310	62	
300.	Kalapari	230	320	64	
301.	Bowda	313	215	43	
302.	Pathapadu	256	98	19	
303.	Kudumsari	81	225	45	
304.	Venchuladurgam	27	37	7	
305.	Gorrelaletta	23	28	6	
306.	Sampangiputtu	29	118	24	
307.	Bheema	30	55	11	
308.	Donepalem	70	67	13	
309.	Beddaputti	25	101	20	
310.	Beddajuuvvi	73	77	15	
311.	Kotagunnala	116	389	77	
312.	Nimmalepadu	82	190	38	
313.	Vandanapalli	20	45	9	
314.	Pedagondi	22	56	11	
315.	Kodisingi	218	308	61	
316.	Lannasingi	319	488	97	
317.	Bandabyalu	153	275	55	
318.	Cherapalli	140	46	9	
319.	Meduru	126	591	118	
320.	Pullamamidi	31	35	7	

1	2	3	4	5	6
321.	Kothavada	84	154	31	
322.	Rompulu	344	352	70	
323.	Pedabarada	327	435	37	
324.	Chintaduru	265	430	86	
325.	Krishnapuram	264	360	72	
326.	Yebulam	170	370	74	
327.	Korapalli	169	186	37	
328.	Kodisingi	257	308	61	
329.	Lambadipalli	241	32	6	
330.	Boysapanu	236	136	27	
331.	Korukonda	262	288	57	
332.	Bheemavaram	238	240	48	
333.	Regubayalu	234	146	29	
334.	Umarasagandi	68	247	49	
335.	Venajuda	263	170	34	
336.	Thammangula	68	247	49	
337.	Vardhanapalli	65	92	18	
338.	Nilimsingidurgam	28	100	20	
339.	Vanchula	173	317	63	
340.	Kodisingi	171	369	74	
341.	Adugurapalli	142	127	25	
342.	Mungarapalli	159	15	32	
343.	Sadika	266	132	26	
344.	Kudupusingi	330	75	15	
345.	Sileru	3	27	6	
346.	Kommudavada	49	176	35	
347.	Baddimetta	103	120	24	
348.	Porlubanda	80	98	20	
349.	Chowdupalli				
	H/o.Kannavaram	282	80	16	
350.	Balarevulu	279	282	56	
	H/o.Annavaram				
351.	Chedalapadu				
	H/o.Vamugedda				
	Kothuru	176	93	19	
352.	Daddikonda				
	H/o.Damanapalli	496	455	91	
353.	Kothaganjavaram				
	H/o.Gagavaram	44	45	9	
354.	Pathaganjavaram				
	H/o.Bangavaram	44	53	10	
		44			
355.	Pedapadu	219	65	13	
	H/o.Devarapalli				
356.	Haripure				
	H/o.Duppulavada	47	135	27	
357.	Jonnavaid				
	H/o.Komumulavada	49	33	7	
358.	Goppuveelhi	376	28	6	
	H/o.Gummidiinanupalem				
359.	Tankalagundi	168	97	19	
	H/o.Pujarisekulu				
360.	Mallumitta	268	105	21	
	H/o.Kemmangi				
361.	Gangijidda				
	H/o.Komungi	268	54	11	
362.	Kakkisila				
	H/o.Sallai	269	118	24	
363.	Jajulapalem	314	173	36	
	H/o.Kiturama				
364.	Bhimarapalli				
	H/o.Kitumala	314	75	15	
365.	Bhimunitta				
	H/o.Kitumala	314	56	11	

2	3	4	5	6
366.	Labbangimitta H/o. Asarada	307	126	25
367.	Julluru H/o. Asarada	307	53	14
368.	Cheekatimamidi H/o. Asarada	307	25	6
369.	Hotlagondi H/o. Mondigedda	144	194	39
370.	Kotakonda H/o. Modigedda	144	73	14
371.	Pilligondi H/o. Pedavalsa	294	120	20
372.	Gadikonda H/o. Pedavalsa	294	64	13
373.	Bonthuvalsa H/o. Chaparatiipalem	345	38	7
374.	Vangasari H/o. Pedababda	327	247	49
375.	Labbarugondi H/o. Chintaluru	265	119	24
376.	Indranagar H/o. Rintabada	198	151	30
377.	Kadugula, H/o. Rintabada	198	184	36
378.	Parikal H/o. Dutcharipalem	199	167	13
379.	Ramanaprolu H/o. Dutbaripalem	199	67	12
380.	Chittamamidi, H/o. Sankada	224	116	23
381.	Vantalamamidi H/o. Sanivaram	249	83	17
382.	Tamarapa, H/o. Sanivar am	249	82	16
383.	Mandembanda, H/o. Sanivaram	249	47	9
384.	Katalagaruvu, H/o. Sanivaram	249	58	12
385.	Peddagondi, H/o. Suddagaruvu	66	52	10
386.	Jangambuddi, H/o. Yerrabommala	303	91	19
387.	Boinagudem H/o. Yerrabommalu	303	78	16
388.	Tallapalam H/o. Yerravaram	195	50	10

ANNEXURE - 2 'A'BLOCK - WISE DETAILS OF EDUCATION IN IDENTIFIED KHONDS -VILLAGES.

Sl. No.	Block: 1 2	School age chil- dren. 3	School going chil- dren. 4	No.of Exist- ing Schools. 5	No.of proposed schools. 6
1.	Paderu	1202	110	1	5
2.	Pedabayalu	302	..	..	3
3.	Munchingput	N.F.	..	1	1
4.	Araku	805	85	1	2
5.	Ananthagiri	109	12	1	1
6.	G.Madugula	1317	..	1	2
7.	Chintapalli	5382	526	N.F.	6
Total:		9117	733	5	20

## BLOCKWISE LEVELS OF EDUCATION AMONG BLOCKS

Sr. No.	Block No.	Population	Literates.	Below Matriculates.	Matric/ Inter-Matriculates.	Degree holders.	Post Graduate	Tech. Diplo- ma hol- ders.	I.T.I. certi- ficate holders.
1.	Paderu	6692	48	6644	48	••	••	••	••
2.	Pedabayalu	2989	••	2989	••	••	••	••	••
3.	Murchingput	798	••	798	••	••	••	••	••
4.	Ara'u	3225	104	3121	102	2	••	••	••
5.	Ananthagiri	687	12	675	12	••	••	••	••
6.	G.Macugula	3077	••	3077	••	••	••	••	••
7.	Chintapalli	24023	134	23889	125	9	••	••	••
Total:		41491	298	41193	287	11	••	••	••

**PROPOSED DETAILS OF OCCUPATION IN PAPER AND THONDS!**

Sl. No.	Block.	Culti- vators	Agril. labour- ers.	House- hold Indus- try	Other work- ers.	Marginal workers.	Non- workers.	Total.
Manufacturing, pro- cessing, serviceing and repairs.								
1.	Paderu	2263	2451	291	20	80	1587	6692
2.	Pedabayalu	730	583	206	230	158	1082	2989
3.	Muncningput	180	212	151	49	36	170	798
4.	Araku	782	1258	149	162	134	740	3225
5.	Ananthagiri	135	235	120	44	••	153	687
6.	G.Madugula	599	1255	204	59	48	912	3077
7.	Chintapalli	4755	5239	204	679	1228	12018	24023
<b>Total:</b>		<b>9444</b>	<b>11233</b>	<b>1225</b>	<b>1243</b>	<b>1684</b>	<b>16662</b>	<b>41491</b>
		(38.03)	(45.24)	(4.93)	(5.00)	(5.78)	(40.15)	(5.0)

(Figures in brackets indicate percentage to total workers)

A.N.N. B.X.U. 1951.

BLOCK WISE DETAILS OF SIZE OF LAND HOLDINGS AMONG KHONDS.

Sl. No.	Block	No. of families in various sizes of Land holdings.							Land Less 10,00 and 15,00 above,	Total
		Below 0.5 acres	0.5 to 1.00	1.00 to 2.00	2.00 to 3.00	3.00 to 4.00	4.00 to 5.00	5.00 to 7.50		
1.	Paderu	14	97	186	243	220	160	54	8	203
2.	Pedabayal	15	86	177	130	84	49	22	3	40
3.	Munchingut	7	15	15	23	15	16	1	..	60
4.	Kreka	13	65	129	150	39	52	33	7	63
5.	Inanthagiri	10	7	6	3	3	5	2	2	100
6.	G.Medugula	158	75	4	..	..	..	..	..	652
7.	Chintapalli	961	750	542	481	331	247	65	9	367
										604
										1354
										4746
<b>Total:</b>		1308	1095	1059	1030	752	531	177	27	8207
		( 21.85 )	( 18.29 )	( 17.69 )	( 17.20 )	( 12.57 )	( 8.86 )	( 2.95 )	x : ( 0.45 )	( 0.13 ) ( 27.05 )

ANNEXURE - 12:  
BSTRA T.

ANNEXURE - 5

BLOCK WISE NUMBER OF KHOND FAMILIES DEPENDING ON PODU AND  
EXTENT OF PODU LAND.

Sl. No.	Block:	No. of families depending on Podu	Extent of Podu land (Acres).	
			Partly	Wholly
1	2	3	4	5
1.	Paderu	1112	203	2988.54
2.	Pedabayalu	554	52	2280.80
3.	Munchingput	92	63	207.47
4.	Araku	552	100	468.00
5.	Ananthagiri	36	93	186.52
6.	G.Madugula	237	367	838.41
7.	Chintapalli	3404	1342	9586.46
Total		5987	2220	16557.30
		(72.94)	(27.05)	

ANNEXURE - 6

Particulars of year wise releases and expenditure under  
Special Central Assistance for Primitive Tribal Groups.

(Rs.

(Rs.in lakhs)

Releases during 1983-84	2.50
Expenditure during 1983-84	1.00
Opening balance for 1984-85	1.50
Releases for the year 1984-85	13.27
Total available for utilisation	14.77
Amount spent from 1.4.84 to 31.3.85.	6.80
Closing balance as on 31.3.1985	7.97
Targetted number of families	520
Achievement upto 31.3.1985.	570

NO. OF VILLAGES, CLIMATE, TERRAIN, TRADE & INDUSTRY IN VILLAGE

No.	Block	Agriculture	Hill strengs.	Animal Husbandry.	Education.	Medicinal & Heal-thy.	D.J.W. (Cister-n & Heal-thy)	Coop-erative Roads & Com. & Municipalities.	Banks & Com-	Ban-ot-ks. her ec-	Re-	S
1.	Pedabycalu	Nil	Nil	50	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2.	Munchingput	Kil	Nil	12	Nil	1 Pri. School	Nil	Nil	1.vill-age	Nil	Nil	Nil
3.	Fodera	Nil	Nil	79	Nil	1.Pri. school	Nil	1	2.vill-ages	Nil	Nil	Nil
4.	G.Mcugula	Nil	Nil	40	Nil	1.Pri. school.	Nil	1	Nil	Nil	1	Nil
5.	Araju	Nil	Nil	31	Nil	1.Pri. school.	Nil	32	Nil	Nil	Nil	Nil
6.	Ananthagiri	Nil	Nil	4	Nil	1.Pri. school.	Nil	Nil	Nil	Nil	Nil	Nil
7.	Chintapelli	•	•	•	•	•	•	•	Not furnished	—	—	—
Total:		Nil	Nil	216	Nil	5 Pri.Schools	Nil	34	Nil	3 Villages	1	Nil

## BLOCK WISE PERT NEEDS OF THE IDENTIFIED ROAD VILLAGES.

S.No.	Name of the block	No. of villages.	Land deve-lopment (acrs.)	Agri- imple-ments (Nos.)	Plough bullo-cks (pairs)	Carts (Nos.)	Irriga-tion wells (Nos.)	D.M.W. (Nos.)	Check dams (Nos.)	Milk-ing animals (Nos.)	Schoo-ls (Nos.)	Hous-ing (Nos.)	Sev-er-chines (Nos.)	
1.		2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Paderu	79	1806	100	1110	50	30	23	10	10	20	31	270	
2.	Pedabayalu	50	766	159	154	10	5	15	1	•	16	61	120	
3.	Munching put	12	160	30	52	5	12	4	•	•	3	35	31	
4.	Araku	49	386	188	232	28	13	20	•	•	4	1	130	
5.	Ananthagiri	10	86	62	36	9	16	13	6	•	2	12	28	
6.	G.Macugula	53	1100	193	193	32	41	55	3	•	4	10	123	
7.	Chintapalli	135	2500	245	1800	70	27	20	12	5	15	50	808	
Total:		388	6804	977	3577	201	142	150	56	15	64	230	1510	

**FINANCIAL IMPLICATIONS FOR THE DEVELOPMENT OF PRIMITIVE TRIBAL GROUP  
(KHONDS) IN VISAKHAPATNAM DISTRICT**

S.No.	Sectors/Schemes	Units	Unit cost in Rs.	PAPERU	
				P.T.	F.R.
1	2	3	4	5	
<b>I. AGRICULTURE:</b>					
1.	Land Development	Acres	500	1806	9.03
2.	Plough Bullocks	Pair	15 00	1110	16.65
3.	Agri. Implements	Nos.	250	100	0.25
4.	Carts	Nos.	2000	50	1.00
5.	Supply of seeds and fertilizers	Acres	150	400	0.60
6.	Citranelia devep.	Acres.	1800	..	..
7.	Potato	Acres.	2500	50	1.35
8.	Tomato	Acres.	500	50	0.25
9.	Pippalmodi (medicine plant)	Acres.	2000	25	0.50
10.	Ginger	Acres.	300	5	0.015
<b>II. HORTICULTURE:</b>					
1.	Cashew Plantations:				
a)	Cost of raising gardens:	Acres.	2000	20	0.40
b)	Cost of Irrg. Source	Nos.	20000	2	0.40
2.	Grafted Mango Orchards:				
a)	Cost of raising gardens	Acres.	3015	20	0.603
b)	Cost of Irrg. source	Nos.	20000	2	0.40
3.	Banana Plantations:				
a)	Cost of raising gardens:	Acres.	800	20	0.160
b)	Cost of Irrg. Source	Nos.	20000	2	0.40
<b>III. SOCIAL FORESTRY:</b>					
1.	Silver oak Plantations:	Acres.	800	30	0.24
2.	Tapioka	Acres.	800	40	0.32
3.	Subabul	Acres.	1000	20	0.20
<b>IV. EDUCATION:</b>					
1.	Mass Literacy Centres	Nos.	4080	50	2.04
2.	Training Programmes for education of tribals:	Nos.	5000	10	0.50
<b>V. MEDICAL AND HEALTH:</b>					
1.	Health Workers	Nos.	3750	6	0.22
2.	Construction of Cisterns:	Nos.	5000	23	1.15
<b>VI. SMALL INDUSTRIES:</b>					
1.	Turneric & Ginger processing Units	Nos.	5000	2	0.10
<b>VII. OTHER SCHEMES:</b>					
1.	Swing machines.	Nos.	1500	30	0.45

37.1

**GRAND TOTAL:**

## THE DEVELOPMENT OF EXECUTIVE TRIBAL GROUPS ('KUNDS') IN VISHNUPURAM DISTRICT.



ANNEXURE - 10.COST PER ACRE FOR GRAFTED MANGO ORCHARDS UNDER HORTICULTURE

(Cost in Rupees)

S.No.	Item of work:	1st year	2nd year	3rd year	4th year	5th year	Total:
1.	Preparation of Land and ploughing.	240	..	..	..	..	240
2.	Digging of Pits	80	60	..	..	..	140
3.	Filling of pits	60	40	..	..	..	100
4.	Digging of Protection pits.	100	..	..	..	..	100
5.	Cost of Grafts	320	40	..	..	..	360
6.	Planting	55	45	..	..	..	100
7.	Manures & Fertilizers	200	120	160	160	160	800
8.	Watering & Plant protection.	120	120	120	120	120	600
9.	Inter culture	80	80	80	80	80	400
10.	Watch & Ward.	35	35	35	35	35	175
Total:		1290	540	395	395	395	3015

One Irrigation source for every 10 acres is necessary, its cost being Rs.20,000/-

ANNEXURE - 1A.

PER ACRE COST FOR CASHEW PLANTATIONS ( IN RUPEES)

S.No.	Item of work:	1st year	2nd year	3rd year	4th year	5th year	Total
1.	Preparation of land and ploughing.	220	..	..	..	..	220
2.	Digging of Pits, Planting etc.	160	60	..	..	..	220
3.	Digging of protection Pits	80	..	..	..	..	80
4.	Cost of grafts	240	40 (replacements)	..	..	..	280
5.	Manures, Fertilizers and pesticides	200	120	160	160	160	800
6.	Watering, weeding and watch and ward.	80	80	80	80	80	400
Total:		980	300	140	140	140	2000

Provision of Irrigation: One Irrigation source is necessary for every 10 acres at a cost of Rs.20,000/-

ANNEXURE - 12:

ABSTRACT

FINANCIAL IMPLICATIONS UNDER DIFFERENT PROGRAMMES FOR THE  
DEVELOPMENT OF PRIMITIVE TRIBAL GROUPS (KHONDS) OF  
VISAKHAPATNAM DISTRICT DURING VII FIVE YEAR PLAN PERIOD.

Sl. No.	Programme	Financial Requirements (Rs.in lakhs)
1.	Agriculture	103.360
2.	Horticulture	11.815
3.	Social Forestry	3.400
4.	Education	12.70
5.	Medical and Health	1.5375
6.	Construction of Cisterns	7.500
7.	Industries	0.350
8.	Others (Supply of Sewing Machines)	1.875
-----		
Total:		142.5375
-----		

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