CHAPTER 3

PROFILE OF THE STUDY AREA

3.1 AREA OF STUDY

Andhra Pradesh is the biggest and the most populous state in the south of India. It is the fifth largest state with an area of 275 thousand sq kms and has also the fifth biggest population in the country with a density of population of 242 persons per sq km. On the east Andhra Pradesh has Bay of Bengal, Orissa on its north east and Madhya Pradesh to its north, Tamil Nadu on its south, Karnataka to its south west and Maharashtra to its west. It has the longest coastline in the country. The state has three major river systems, the Godavari, Krishna and Pennar. The state's forest cover accounts for 24 percent of the total land mass of the state. About 70 percent of the work force in the state is dependent on agriculture and more than a third of the state's gross domestic product is contributed by this sector.

The state of Andhra Pradesh came into existence on 1st November 1956 after the unification of two distinct regions. That of (i) Andhra state from former Madras Presidency and (ii) the Telengana region of former Hyderabad state. This was the realization of 'VISALANDHRA' movement of greater Andhra thereby forming a contiguous political boundary of Telugu speaking people inhabited in Telugu speaking areas of Madras Presidency and erstwhile Hyderabad state.

This unification was solely on linguistic basis, as both of these regions had distinct Geo., Economic and Social features. After considering merits and demerits of combining these regions together or leaving them as distinct political units States Reorganization Commission(1955) concluded “that it will be in the interests of Andhra as well as Telengana if, for the present, the Telengana area is constituted into a separate state, which may be known as the Hyderabad State, with provision for its unification with Andhra after the general elections likely to be held in or about 1961, if by a two third majority the legislature of the residuary Hyderabad state expresses itself in favour of such unification”. But the central government was not willing to accept this proposal, and was in favour of merging these two regions into Visalandhra with the provision of a Regional Council for Telengana. Apart from Regional Council several other safeguards were demanded by the representatives of Telengana region and hence on 20th February an agreement named "Gentleman's Agreement" was reached between the representatives of Andhra and
Telangana region. And hence the state of Andhra Pradesh was inaugurated on November 1, 1956. Regional committee for Telangana region came into existence in February 1958. This committee is a Constitutional entity under Article 371 of the Indian Constitution. At present Andhra Pradesh has 23 districts with 10 lying in Telangana, 9 in Coastal Andhra and the remaining 4 in Rayalaseema region.

3.2 PROFILE OF THE DISTRICTS (REGION WISE)

3.2.1 Telangana Region

The general profile of the districts in Telangana is as follows:

HYDERABAD:

Hyderabad was bifurcated into two districts Hyderabad urban district and Hyderabad rural (Rangareddy) district in 1978. In order to maintain consistency in the study the two were clubbed together for 1981 and 1991. This district is bound by Medak in north, by Mahbubnagar in south, by Nalgonda in east and by the Bidar district of Karnataka in the west. The total area of this district is 7.7 thousand sq kms. with a population of 5697905 and density of population 739 persons per sq km. The literacy level is 51.21%. Forest area covers 42% of the total reported area. Musi and Kagna are the major rivers in the district. The major crops are Rice, Jowar, Arhar, Turmeric, Groundnuts, Sugarcane, Chillies, Onions, Cotton, Castor, ragi, maize, Safflower, gram and Coriander. The major industries are BHEL, VST Industries Ltd., Electronics Corporation of India Ltd., Brooke Bond India Ltd., Hyderabad Allwyn Ltd., Shaw Wallace & Co. Ltd., Maharashtra Distilleries Ltd., Warner Hindustan Ltd., Pfimex International Ltd. and Hindustan Lever Ltd.

NIZAMABAD:

This is bounded on the north by Adilabad and Maharashtra state, on the east by Karimnagar, on south by Medak and on the west by Maharashtra state. The total area of this district is 8000 sq kms with a population of 20,37,621 and the density of population is 256 persons per sq kms. The literacy level in this district is 34.18%. Forest area covers 20.85% of the total reporting area. The district is essentially composed of Peninsular Granite Complex. Deccan Traps constitute the western part of the district. Patches of Dharwar rocks are also present in this district. The major crops of this district are Rice, Sugarcane, Jowar, Maize, Chillies, Groundnuts, Onions, Gram, Arhar, Cotton, Sunflower seeds, Bananas and Ginger. The industrial setup in this district mainly consists of Nizam Sugar Factory Ltd. and Vajra Granites Ltd.
MEDAK:
This is bounded on the north by Nizamabad and Karimnagar districts, on the east by Warangal and Nalgonda districts, on the south by Rangareddy (Hyderabad) district and on the west by Bidar district of Karnataka state. The total area of this district is 9700 sq kms with a total population of 22,69,800 and with a density of 234 persons per sq km. The literacy level in this district is 32.41%. Forest area covers 7.7% of the total reporting area. The principle geological formation of this district consists of Peninsular Granite Complex. With Deccan traps confined to the south western part of the district. The major crops of this district comprises of Rice, Sugarcane, Jowar, Maize, Chillies, Groundnuts, Turmeric, Onions, Gram, Coriander, Arhar, Safflower, Cotton and sunflower seeds. The main industrial units of this district are NSL Ltd., Dr. Reddy Laboratories Ltd. Asian Paints (India) Ltd., Widia (India) Ltd., Mahindra Nissan Allwyn Ltd.

MAHBUBNAGAR:
This district is bounded on the north by Rangareddy and Nalgonda districts, on the east by Nalgonda and Guntur districts, on the south by the rivers Krishna and Tungabhadra and on the west by Raichur and Gulbarga districts of Karnataka. The total area of this district is 18.4 thousand sq kms. with a population of 3077050 and the density of population being 167 persons per sq km. The literacy level of this district is 29.58%. Forest area covers 16.41% of the total reporting area. The important rivers of the district are Krishna and Tungabhadra along with their tributaries like Dindi, Pedavagu and Chinavagu. The major crops of this district are Rice, Groundnuts, Jowar, Tobacco, Castor, Chillies, Arhar, Cotton, Ragi, Bajra, Onions, Safflower, Gram, Sugarcane and Sunflower seeds. The major industries in this district are Surya lakshmi Cotton Mills Ltd., Ceat Ltd., Suryalata Spinning Mills Ltd., Arihant Agro Products Ltd. and NCL industries Ltd.

NALGONDA:
This district is bounded on the north by Medak and Warangal, on the south by Guntur and partly by Mahbubnagar, on the east by Khammam and Krishna, on the west by Rangareddy and Mahbubnagar. The total area of this district is 14.2 thousand sq kms. with a population of 28,52,092 and the density of population is 200 persons per sq km. The literacy level of this district is 38%. Forest area covers 6.03% of the total reporting area. The district is drained and watered by the rivers Krishna, Musi, Aler, Peddavagu, Dindi, Hallai and Kongal. The major crops of this district are Rice, Groundnuts, Castor, Chillies, Jowar, Bajra, Arhar, Onions,
Tobacco, Cotton, Sugarcane, Coriander, Sunflower Seeds, maize and Sesamum. The major industries in this district are Rassi cement Ltd., Priyadarshini Cement Ltd., Sri Vishnu Cement Ltd., Kakatiya Cements Ltd. and Globe Organics Ltd.

WARANGAL:
This district is bounded on the north by Karimnagar, on the west by Medak, on the south by Nalgonda and on the east and south east by Khammam district. The population of this district is 28,18,832 with a geographical area of 12900 sq kms., and with a density of population of 219 persons per sq km. The literacy level of this district is 39.30. Forest area covers 28.85% of the total reporting area. The principal geological formations met within the district are the Archaeans, which are the oldest, and the Puranas and the Gondwanas. The chief crops grown in this district are Rice, Castor, Bananas, Groundnuts, Cotton, Chillies, Maize, Jowar, Turmeric, Sesamum, Tobacco, Bajra, Arhar, Coriander and Onions. The main industrial units of this district comprises of Andhra Pradesh Rayon Ltd., Unicom Organics Ltd., Andhra Pradesh Small Scale Development Corporation, National Textile Corporation, Nirup Sychrome Ltd.

KHAMMAM:
This district is bounded on the north by Madhya Pradesh and Orissa states, on the south by Krishna district, on the east by East Godavari and West Godavari district and on the west by Nalgonda and Warangal districts. This district has a total area of 16000 sq kms and a population of 22,15,809. The population density of this district is 138.24 persons per sq km. The literacy level of this district is 40.50%. Forest area covers 47.97 % of the total reporting area in the district. This district occupies a unique place on the geological map of Andhra Pradesh. The geological formation of this district consists of recent Alluvium, Gondwanas, Puranas and Archaeans. The major crops of this district are Rice, Chillies, Groundnuts, Tobacco, Jowar, Cotton, Arhar, Maize, Sugarcane, Bananas, Sesamum, Turmeric, Coriander, Bajra and Sunflower seeds. The major industrial units in this district comprises of ITC Bhadrachalam Paperboards Ltd., Singareni Collieries CO. Ltd., Andhra Pradesh Steels Ltd., Nava Bharat Ferro Alloys Ltd., Sponge Iron India Ltd.

KARIMNAGAR:
This district bounded on the north by Adilabad, on the northwest by Nizamabad, on the west by Medak , on south by Warangal and on the east by the river Godavari. This district has a total population of 30,37,486 living in an area of 11,800 sq km with a density of population of 257 persons per sq km. Literacy level of the district is 37.17%. Forest area covers 21.18 % of the
total reporting Area. The rock formation of this district consists of the Dharwars, Peninsular Granite complex, Gondwanas and Puranas. With major portion of the district occupied by peninsular Granite complex. The major crops in this district comprises of Rice, Maize, Groundnuts, Turmeric, Chillies, Jowar, Cotton, Tobacco, Sugarcane, Arhar, Garlic, Onions, Sesamum, Castor and Gram. The major industrial setup of this district consists of Kesoram Industries Ltd., Fertilizers Corpn. Of India, Nizam Sugar Factory Ltd., Sinnor Bidi Udyog and National Thermal Power Corporation plant.

**ADILABAD:**
This district is situated in the northern most part of Andhra Pradesh. It is bounded on the north by Yeotmal and Chanda districts of Maharashtra, on east by Chanda district, on south by Nizamabad and Karimnagar districts and on west by Nanded district of Maharashtra. This district lies in the north of the Telengana region. The total area of this district is 16100 sq km with a population of 20,82,479. Density of population of this district is 129 per sq. km and a literacy level of 32.96%. Forest area covers 42.43% of the reporting area. The principle geological formations of Adilabad district is mainly consisting of Deccan trap, Gondwanas, Archaeans and Puranas. The major crops in this district are Rice, Jowar, Cotton, Turmeric, Maize, Arhar, Chillies Sugarcane, Sesamum, Groundnuts, Onions, Linseed, Tobacco, Wheat and Garlic. The major industries of this district are Orient Paper Industries Ltd., Sirpur Paper Mills Ltd., Associated Cement Company Ltd., Someswara Cements And Chemicals Ltd.

### 3.2.2 Coastal Andhra

Profile of the districts in Coastal Andhra is as follows:

**SRIKAKULAM:**
This district is bounded on the south and the west by Vizianagaram, on the north by Orissa state and on the east by the Bay of Bengal. The total area of this district is 5.8 thousand sq kms. with a population of 23,21,126 and the density of population is 398 persons per sq km. The literacy level is 36.22%. Forest area covers 12.05% of the total reporting area. The Nagavalli, Vamsadhara, Suvanamukhi, Vegavathi, Mahendratanaya, Gomukhi, Champavathi, Bahuda and Kumbikotagedda are the important rivers of this district. The major crops of this district are Rice, Groundnuts, Coconuts, Sugarcane, Chillies, Mesta, Ragi, Onions, Bajra, Sesamum, Bananas, Soyabeans, Jowar, Tapioca and Tobacco. The major industries are Vamshadhara Paper Mills Ltd., Nizam Sugar Factory Ltd. and Cheminor Drugs Ltd.
VIZIANAGARAM:
This district was formed in 1979 from carving out parts from Visakhapatnam and Srikakulam districts. This district is bounded on the east by Srikakulam, on the west and south by Visakhapatnam, on the south east by Bay of Bengal and north west by Orissa state. The total area of this district is 6.5 thousand sq kms. with a population of 21,10,943 and density of population 323 persons per sq km. The literacy level is 34.19%. Forest area covers 17.72 % of the total reported area. This district is drained by the rivers of Nagavali, Gosthani, Suvarnamukhi, Vegavathi and Gomukhi. The major crops of this district are Rice, Groundnuts, Sugarcane, Mesta, Chillies, Tobacco, Ragi, Sesamum, Bananas, Bajra, Coconuts, Onions, Jowar, Sweet Potatoes and Tapioca. The major industries are Ferro Alloys Corpn. Ltd., Nellimarla Jute Mills Co. Ltd., General Industrial Society Ltd., Jindal Ferro Alloys Ltd. and Andhra Pradesh Tanneries Ltd.

VISAKHAPATNAM:
This is one of the north eastern district of Andhra Pradesh. This is bounded by Vizianagaram on the north, East Godavari on the south, Korput of Orissa on the west and bay of Bengal on the east. The total area of this district is 11.2 thousand sq kms. with a population of 32,85,092 and density of population is 294 persons per sq km. The literacy level is 45.51 %. Forest area covers 41.51% of the total reported area. The important rivers in the district are Sarada, Varaha and Thandava. The major crops are Sugarcane, Rice, Groundnuts, Chillies, Bajra, Bananas, Ragi, Tobacco, Coconuts, Nigerseeds, Sesmum, Maize and Jowar. The major industries are Hindustan Petroleum Corpn Ltd., Coromandel Fertilisers Ltd., Mcdowell & Co. Ltd., Hindustan Zinc Ltd. and Bharat Heavy Plate & Vessels Ltd.

EAST GODAVARI:
This district lies on the north east coast of Andhra Pradesh and is bounded by Visakhapatnam in the north, by the state of Orissa in the east and the south by the Bay of Bengal, by Khammam and West Godavari in the west. The total area of this district is 10.8 thousand sq kms. with a population of 45,41,222 and density of population being 420 persons per sq km. The literacy level of this district is 48.79%. Forest area covers 29.87% of the total reporting area. The entire western boundary of this district is formed by the river Godavari. The major crops of this district are Rice, Coconuts, Sugarcane, Bananas, Tobacco, Chillies, Tapioca, Groundnuts, Bajra, Cotton, Turmeric, Sesamum, Arhar, Maize and Jowar. The major industries in this district are Andhra Paper Mills Ltd., Godavari Fertilizers & Chemicals Ltd., Sarvaraya Textiles Ltd.,
Nagarjuna Fertilizers & Chemicals Ltd. and Coastal Paper Ltd.

**WEST GODAVARI:**
This district is bounded by Khammam in north, by Krishna district and Bay of Bengal in south, by the river Godavari in east and by the Krishna district in the west. The total area of the district is 7.7 thousand sq kms. with a population of 35,17,568 and density of population 454 persons per sq km. The literacy level is 53.38%. Forest area covers 10.41% of the total reported area. Godavari is the important river flowing in this district. This river borders the entire western boundary of the district. The major crops of the district are Rice, Sugarcane, Tobacco, Bananas, Chillies, Coconuts, Groundnuts, Turmeric, Sesamum, Gram, Cotton, Maize, Jowar, Arhar and Onions. The major industries are Andhra Sugars Ltd., Foods, Fats and Fertilisers Ltd., Jeypore Sugar Co. Ltd., Delta Paper Mills Ltd. and Sree Akkamamba Textiles Ltd.

**KRISHNA:**
This district is bounded by Khammam district on the north, by Bay of Bengal on the east and south, by West Godavari on east and on west by Guntur and Nalgonda. The total area of this district is 8.7 thousand sq kms. with a population of 36,98,833 and density of population being 424 persons per sq km. The literacy level of this district is 53.16%. Forest area covers 7.54% of the total reporting area. The chief rivers of the district are the Krishna, the Muniyeru, the Tammileru and Budameru. The major crops of this district are Rice, Chillies, Sugarcane, Groundnuts, Tobacco, Turmeric, Cotton, Bananas, Arhar, Jowar, Coconuts, Maize, Sesamum, Onions and Coriander. The major industries is this district are K.C.P Ltd., madras Cements Ltd., Hemadri Cements Ltd., Vijay Spinning Mills Ltd., Andhra Cement Company Ltd.

**GUNTUR:**
This district bounded by Nalgonda in the north, by the Bay of Bengal and Krishna district in east, by Prakasam in the south and by Prakasam and Mahbubnagar in the west. The total area of this district is 11.4 thousand sq kms. with a population of 41,06,999 and density of population being 360 persons per sq km. The literacy level of this district is 46.35%. Forest area covers 13.78% of the total reporting area. The important rivers that traverse the district are the Gunlakamma, the Musi, the Chandravanka and Naguleru. The Krishna river forms the dividing line between Guntur and Nalgonda district. The major crops of this district are Rice, Cotton, Chillies, Turmeric, Groundnuts, Bananas, Tobacco, Sugarcane, Arhar, Sesamum, Gram and Sweet Potatoes. The major industries in this district are Shaw Wallace & Co. Ltd., Andhra Cement Co. Ltd., K.C.P Ltd., Jayalakshmi Oil Chemical Industries Ltd., Andhra Sugar Ltd.
NELLORE:
This district is bounded on the north by Prakasam district, on the east by Bay of Bengal, on the south by Chittoor and Chengalpattu district of Tamil Nadu and on the west by Veligonda Hills which separate it from Cuddapah district. The total area of this district is 13.1 thousand sq kms. with a population of 23,92,260 and the density of population is 183 persons per sq kms. The literacy level is 47.76%. Forest area covers 7.51% of the total reporting area. This district is drained by rivers like Pennar and Swamamukhi. The major crops in this district are rice, Groundnuts, Chillies, Tobacco, Sugarcane, Jowar, Cotton, Bajra, Turmeric, Ragi, Bananas, Sesamum, Sweet Potatoes, Coriander and Coconuts. The major industries are Indo national Ltd., Indo Matsushita Carbon Company Ltd., Circar Paper Mills Ltd., Shree Shakti Agro Oils Ltd., Sri Raghava textiles Ltd.

PRAKASAM:
Ongole district, originally constituted in 1970, out of Nellore, Kurnool and Guntur was renamed as Prakasam in the memory of the great patriot and Andhra leader Tanguturu Prakasam. This district is bounded on the north by Guntur and Mahbubnagar, on the south by Cuddapah and Nellore, on the east by Bay of Bengal and on the west by Kurnool. The total area of this district is 17.6 thousand sq kms. with a population of 27,59,166 and the density of population is 156 persons per sq km. The literacy level is 40.30%. Forest area covers 12.37% of the total reported area. This district is watered by the Gundlakamma, Musi, Manneru and Paleru rivers. The major crops in this district are Rice, Jowar, Arhar, Turmeric, Groundnuts, Sugarcane, Chillies, Onions, Cotton, Castor, Ragi, Maize, Safflower, Gram and Coriander. The major industries are Coromandel Agro Products & Oils Ltd., ITC Ltd. and Priyadarshini Spinning Mills Ltd.

3.2.3 Rayalaseema
Profile of the districts in Rayalaseema is as follows:

KURNOOL:
This district is bounded in north by Krishna and Tungabhadra rivers as well as Mahbubnagar district, in the east by Prakasam district, in west by Belay district of Karnataka state and in south by Anantapur. The total area of this district is 17.7 thousand sq km with a population of 29,73,024 and the density of the population being 168 persons per sq Km. The literacy level of the district is 39.97%. Forest area covers 18.08% of the total reporting area. The important
rivers of the district are Tungabhadra, its tributary Handri, Krishna, Kunderu and Gundlakamma. The major crops of this district are Groundnuts, Rice, Jowar, Sunflower Seeds, Tobacco, Cotton, Onions, Coriander, Bananas, Chillies, Gram, Arhar, Turmeric, Sugar Cane and Bajra. The major industries in this district are ITC Agro Tech Ltd., Tungabhadra Industries Ltd., Panyam Cements and Mineral Industries Ltd., Sree Rayalaseema Paper Mills Ltd. and Sree Rayalaseema Alkalies and Allied Chemicals Ltd.

**ANANTAPUR:**
This district lies in the western most part of the state. It is bounded by Kurnool district in north, by Cuddapah in east and by Karnataka state in south and west. The total area of this district is 19.1 thousand sq kms. with a population of 31,83,814 and density of population being 166 persons per sq km. The literacy level of the district is 42.18%. Forest area covers 14.98% of the total reporting area. Being far away from the east coast, this district has been deprived of any major river. The major crops of this district are Groundnuts, Rice, Jowar, Coriander, Ragi, Bajra, Chillies, Gram, Sugarcane, Arhar, Cotton, Onion, Safflower, Sunflower Seeds and Castor. There are three industrial estates in the district at Anantapur, Hindupur and kadiri. The major industries in the district are Super Spinning Mills Ltd., Nizam Sugar Factory Ltd., Andhra Pradesh Small scale Industrial Development Corporation Ltd. and National Textile Corporation.

**CUDDAPAH:**
This district spreads north wards beneath the western slopes of the eastern ghats as a rough parallelogram, dented deeply in its southern, western and northern boundaries. It is bounded by Kurnool in north, by Nellore in east, by Chittoor in south and by Anantapur in west. The total area of this district is 15.4 thousand sq kms. with a population of 22,67,769 and density of population being 148 persons per sq km. The literacy level of the district is 48.12%. Forest area covers 32.87% of the total reporting. This district is drained by the Pennneru Basin and its tributaries. The major crops of the district were Groundnuts, Rice, Jowar, Turmeric, Coriander, Bajra, Onions, Sugarcane, Bananas, Ragi, Chillies, Arhar, Gram, Cotton Sesamum. The major industries of the district were Coromandel Fertilizers Ltd., Texmaco Ltd., India Cements Ltd., Cement Corporation of India Ltd. and Kores (India) Ltd.

**CHITTOOR:**
This district is surrounded by Tamil Nadu state on the east and south by Karnataka state on the west. Anantapur, Cuddapah and Nellore districts form the northern boundary of this district. The total area of this district is 15.2 thousand sq kms. with a population a 3,26,1118 and density of
population being 215 persons per sq km. The literacy level of this district is 49.75%. Forest area covers 30.25% of the total reporting area. This district has no perennial rivers. Some of the important minor rivers flowing in the district are the Papaghni, Pincha, Koundinya, Palar, Ponne, Arani, Swarnamukhi Bahuda, Kalyani and Kusasthal. The major crops of this district are Groundnuts, Rice, Sugar Cane, Ragi, Coconuts, Chillies, Bajra, Jowar, Arhar, Bananas, Onions, Sesamum, Potatoes, Sweet Potatoes and Coriander. Here the major industries are Nutrine Confectioneries Co. Ltd., Madanapalle Spinning Mills Ltd., Spartek Ceramics India Ltd. and Pioneer Alloy Castings Ltd.