

# MSME Development Institute

## ANDHRA PRADESH: A PROFILE





**Topography:** AP is the largest state in the southern peninsular region, with an area of 2,75,100 sq kms and a coast line of 974 kms. Based on the physical features, the State is divided into three regions - Eastern hills, the coastal plains and peninsular plateau. Godavari, Krishna, Pennar and Vamsadhara are the major rivers flowing through the state.

The state has 23 (twenty three) districts, with 9 districts in the coastal area, 10 districts in the Telangana area, and 4 districts in the Rayalseema region. Hyderabad is the State capital.



**Demographic particulars:** The population of A.P. as per the 2001 census stands at 76.21 millions. This constitutes about 7.42% of the total population of the country. This makes A.P. the most populous of the 4 southern States.

The decadal growth rate of population in A.P. is 14.59, down from 24.2 in 1981-91, whereas the All India decadal growth rate is 21.34.

The State's density of population (as per 2001 census) is 277 persons per sq km. (increased from 242). The rural population of the State is 554.01 lakhs constituting 72.70% of the State's population. The crude birth rate per 1000 population in A.P, as per the 2001 population census was 22.9 (declined from 26.0 in 1991).

The average literacy rate in the State is 60.47 which is a good increase from the 1991 figure of 44.1. The literacy rate among male population is 70.32, and that amongst female population is 50.43.

## RESOURCES:



**Agriculture:** Andhra Pradesh is endowed with many natural resources like fertile soil, perennial rivers, rich mineral deposits, good human resources, and a climate congenial for agriculture. The state is a leading producer of paddy and other crops like tobacco, cotton, sugarcane, pulses, fruits and vegetables etc. Mangoes, grapes, pineapple, banana and guava are some of the major fruits produced in the state. Apart from these, the State also produces spices like chillies, turmeric, ginger, coriander etc.



**Forest resources:** Andhra Pradesh has a total forest cover of 61.99 lakh Ha which constitutes 22.37% of the total geographical area of the State. Around 45% of the cover falls in the Telangana region, while around 30% falls in the coastal region and 25% in Rayalaseema region.

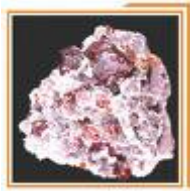
The major forest produces in the State are Timber, firewood & charcoal. Minor forest produce include bamboo, beedi leaves, soapnuts etc. Plantation products like cashew, teak and coffee are also grown. The pride of A.P's forests - Red Sanders wood - is grown in 2600 hectares in Kadapa, Nellore,

Chittoor and Kurnool districts. Other plantations are sandal wood, pine silver oak and casurina.



### Livestock and Poultry:

AP is also the leading producer of poultry and eggs. It contributes to around 33% of eggs and 18 % of broiler meat in the country. Dairy activity too is identified as a thrust area for increasing milk production. AP has a rich livestock population, which offers good scope for the leather and leather goods industry. It is a major producer of hides and skins (10% of the country's total production). Having a long coastline, AP is also a leading producer of marine food products. An estimated 15% of total fish exports from the country is from AP.



**Minerals:** Among minerals, AP deposits account for 48 minerals. It is the leading producer of barytes, mica, coal, bauxite, lime, granite etc. The mining sector in the state is estimated to be growing at about 12% a year. The State produces about 50 million tones of industrial minerals.

Deposits of some major minerals in AP are:

1. Coal            13021.5 Million Tons
2. Limestone    30400 Million Tons
3. Bauxite        700 Mill.Tons
4. Gold ore       6.84 Mill.Tons
5. Granite        1072.42 Mill.Tons
6. Beach sand    32 Million Tons
7. Diamond      194990 Carats

AP's share in deposits of major minerals is as follows:

Mineral resources.	Major minerals: State's share in deposits of major minerals:	<ul style="list-style-type: none"> <li>• Barytes            97%</li> <li>• Clay                32%</li> <li>• Sand                62%</li> <li>• Silver               40%</li> <li>• Quartz              40%</li> <li>• Mica Crude        47%</li> <li>• Feldspar            24%</li> <li>• Apatite             27%</li> </ul>
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**Human resources:** Every year, the state produces more than 30,000 engineers, postgraduates in computers, and management students, who make world-class professionals with good knowledge of English. These young professionals have made a mark in the global IT industry. The women force in the State has set exemplary standards through the Self Help movement. The State houses 338 engineering colleges, 263 MCA colleges 159 MBA colleges, and 18 Medical colleges. There are 13 Universities that impart quality education in the areas of Arts, Sciences, Commerce, Applied Sciences, Engineering, Management and Medicine.



**Human Resource Development:** Andhra Pradesh has the unique advantage of housing major R&D Institutions, and National and International level training centres in all fields. The major IT training centres like International Institute of Information Technology, CMC etc have training centre in Hyderabad. International School of Business and Administrative Staff College of India are other international level training centres that impart quality management training. NIRD, NAARM and NEERI provide corporate training to personnel engaged in rural management.

#### HRD centres in AP

Human resource Development	No. of Universities	16
		1. Andhra University
		2. Osmania University
		3. Kakatiya University
		4. Krishnadevaraya University
		5. Sri Venkateswara University
		6. Padmavati Mahila Viswa Vidyalaya
		7. Sri Satya Sai Institute of higher learning
		8. Acharya NG Ranga Agricultural University
		9. BR Ambedkar Open University
		10. Jawaharlal Nehru Technological University
		11. NALSAR University of Law
		12. NTR University of Health Sciences
		13. Nagarjuna University
		14. Potti SreeRamulu Telugu University
		15. Rashtriya Sanskrit Vidyapeet
		16. University of Hyderabad

	No. of Engineering colleges	338
	No. of seats	119654
	No. of colleges offering MCA courses	511
	No. of colleges offering MBA courses	401
	No. of seats	28318
	No. of Medical colleges	24
	ITIs and other technical colleges	564

### INFRASTRUCTURE :



**Power:** The State was plagued with transmission and distribution losses, leading to a power crunch. It initiated reforms in the power sector. Yet, some SSIs still face the problems of erratic supply of power and report that power tariff is high in the State. Details of power generation and consumption in the year are as follows:

Table 4 Details of power generation

Installed capacity	9 616 MW
Units generated	45807 MKWH
Length of transmission lines	668401 kms.
Number of substations	2162
Average plant power load factor	85.2%



**Roads:** AP has been one of the first States to encourage private sector participation in infrastructure development. The State has a total length of over 2,00,000 kms of road network, including national and state highways, district and rural roads. Development of high density corridors on major routes is being undertaken with private participation.



**Airways:** A world class International Airport is being developed at Shamshabad, near Hyderabad. Apart from Hyderabad, there are airports at Visakhapatnam, Tirupathi, Vijayawada and Puttaparthi. Hyderabad has an air-cargo complex with customs clearance. Direct flights to Singapore, Sharjah, Kuwait, Muscat, Malaysia, Dubai and New York operate from Hyderabad. Andhra Pradesh share in All India Air traffic is around 5.29 in domestic traffic and 3.3 in International passenger traffic. The average per month domestic passenger traffic is 1.19 lakhs and that of International passengers is 36,000. Average cargo handled per month is around 2052 Tonnes.



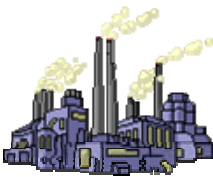
**Sea ports:** Andhra Pradesh has the biggest seaport at Visakhapatnam, with feeder services to Europe, Russia, USA and the Asia Pacific. Berthing of vessels is available upto 50000 DWT. The cargo handling at Visakhapatnam port during July 2002 - June 2003 was 455 lakh tonnes (14.6% of All India), making it the busiest port in the entire country, ahead of Kandla, Chennai, Haldia and Mumbai.



**Communications:** The latest available statistics (as in 2001) show that there were 3003 Telephone exchanges, 3140948 telephone connections, 118 telegraph offices (excluding extension counters, telecom centers, and combined offices) and 78218 public telephones. As at December 2003, it is estimated that there are 15.5 lakh cell phone subscribers in the State. The State's share in All India cell phone subscribers is 7%.

<b>Infrastructure</b>	Industrial estates/development areas	272
<b>Industrial Infrastructure</b>		
<b>Airports</b>	a. Industrial parks	Existing parks <ul style="list-style-type: none"> <li>• Software park at Hyderabad.</li> <li>• Hardware park, near</li> </ul>

		Shamshabad. <ul style="list-style-type: none"> <li>• ICICI knowledge park.</li> <li>• Hitec city for software units, Apparel Park at Gundlapochampalli.</li> <li>• Export Promotion Park at Pashamylaram.</li> <li>• Hitec city.</li> </ul> <b>Proposed parks</b> <ul style="list-style-type: none"> <li>• Food parks at Krishna, Machilipatnam, RR District.</li> <li>• Leather parks: 72 mini parks.</li> <li>• Exim park at Visakhapatnam.</li> <li>• Agri export zones.</li> <li>• Gems and Jewelry park etc.</li> <li>• Marine Bio-tech park.</li> <li>• Special economic zone:             <ol style="list-style-type: none"> <li>1. Pharma City at Visakhapatnam.</li> </ol> </li> </ul>
<b>Seaports</b>		Visakhapatnam, Kakinada, Krishnapatnam, Machilipatnam.
<b>Railways:</b>	No. of stations Railway track length	668 5147 kms



**Industrial Infrastructure:** Industrial Estates, and Industrial Parks: There are 272 Industrial estates and industrial development areas in the State, covering an area of 14700 hectares. The State Government is in the process of developing Industrial Parks at different places, for specific groups of industries. The existing parks are Software Park at Hyderabad, Hitec city for software units, Apparel Park at Gundlapochampalli, Export Promotion Park at Pashamylaram, Visakhapatnam Export Processing Zone, Bio-technology park at Turkapally.

Many other parks are proposed, such as **leather parks** at various places in the districts; **food parks** - one each in the 3 regions of Telangana (processing of poultry products/processing of coarse grain & millets/spices);

Coastal Andhra (value added rice products, dairy products, horticultural products, marine products, labour oriented, export oriented industry); and in Rayalseema region (processing of vegetables - onion, tomatoes, fruits, spices - coriander, edible oils, labour oriented, export oriented industry). Agri Export Zones for the following produce are proposed at the places mentioned against them:

- mangoes - Krishna district,
- gherkins - Mahaboobnagar, Rangareddy, Medak, Karimnagar, Warangal, Anantapur, Nalgonda,
- mangoes and grapes - Hyderabad, Rangareddy, Medak, Mahaboobnagar,
- mango pulp and fresh vegetables - Chittoor

Other parks coming up are Gems and Jewellery park, Visakhapatnam Exim park,

**Other Institutions:** Apart from the industrial parks, AP is home to several Research and development Institutions and Business schools. R&D Institutions located in AP are: IICT, CCMB, DRDL, DMRL, NRSA, NIRD, NISIET, CITD, NGRI, ICRISAT etc.

**Entrepreneurship Development:** Many Training Institutions in the State provide Entrepreneurship Development Training and Technical Consultancy. Important among these are NISIET, MSME-DI(SISI), APITCO, CEDAP, Self Employment and Training Institutes in all districts, and a host of NGOs.

#### Financial Institutions:

**Industrial scenario in the state: SSI sector:**

**L&M Industries:** Andhra Pradesh has emerged as one of the most attractive investment destination by attracting a large number of investors. The State is home to 3263 large & medium scale industries with investment of Rs. 45302 crores creating employment to 8,33,889 persons.

**Exports from AP:** Tentative estimates reveal that the total exports from AP during the year 2003-04 were to the tune of Rs.15306 crores. The share of software was 30%, and that of food products was 20%. The value of exports during 2002-03 was Rs.13614 crores and that during 2001-02 was Rs.12400 crores. IT exports alone from Andhra Pradesh for 2007-08 is over Rs.25,000-crore mark, up from Rs.18,500 crore recorded last fiscal, according to Hyderabad Software Exporters Association (HYSEA).



**Thrust areas:** The Vision 2020, a document planned to catapult the State into a developed economy with a growth rate of 9-10%, has identified 24 growth engines for development. These include:

- Rice,
- Dairy,
- Poultry,
- Horticulture,
- Fisheries,
- Agro-industry,
- Infrastructure development,
- Construction,
- Textiles,
- Mining,
- Pharmaceuticals,
- SSIs,
- Information technology,
- Knowledge based services,
- Tourism,
- Logistics,
- Small-scale services,
- Healthcare and
- Education.



**Food processing:** fruit and vegetable processing, fruit based ready to serve beverages, wine making, food grain milling, dairy products, processing of poultry, eggs, meat and meat products, bread, oilseed, breakfast foods, biscuits, other packed foods, cold storage units, food grade packaging material etc



**Bio technology:** tissue culture labs, green houses, mushroom labs, seed production units based on modern scientific methods to meet industry standards, Bioinformatics etc.



**Information Technology and Enabled Services:** software development, hardware, BPO, call centers etc.



**Pharmaceuticals:** AP contributes about 34% of the country's turnover of domestic pharma industry. A Pharma City at Visakhapatnam is proposed to give the industry a further push.

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## LIST OF PRODUCTS IDENTIFIED AS OFFERING POTENTIAL FOR DEVELOPMENT IN ANDHRA PRADESH, IN THE MICRO AND SMALL SCALE SECTOR.

### A. RESOURCE BASED INDUSTRIES:

- |  |   |
|--|---|
| 1. Oil mills(Ground nut, sunflower, cotton seed etc) | 20.Tamarind concentrate                     |
| 2. Refined edible oil                                | 21. Tamarind seed starch                    |
| 3. Solvent extraction of oil                         | 22.Essential oils                           |
| 4. Neem oil  | 23.Mahua seed oil                           |
| 5. Neem oil cake                                     | 24.Karanja seed oil                         |
| 6. Maize products                                    | 25.Bio-gas plants                           |
| 7. Tapioca products                                  | 26.Mango pulp, jelly, marmalade, juices etc |
| 8. Turmeric processing                               | 27.Lime processing                          |
| 9. Seed processing                                   | 28.Pectin from papaya                       |
| 10.Ragi malt   | 29.Tuity fruity                             |
| 11. Dhall mill                                       | 30.Tomato ketchup, sauce                    |
| 12. Mesta twine                                      | 31. Extraction of Essential oils            |
| 13. Spice processing                                 | 32.Tissue culture                           |
| 14. Straw boards/mill boards                         | 33.Vermicomposting                          |
| 15. Activated carbon from rice husk                  | 34.Bio manure                               |
| 16. Fuel briquettes from agro waste                  | 35.Jams, jellies, squashes, marmalades      |
| 17. Furfural from rice husk                          | 36.Fruit preservation                       |
| 18. Duplex board from bagasse                        | 37.Animal/poultry feed                      |
| 19. Tobacco seed oil                                 | 38.Processing of spices/cereals             |
|  | 39.Soap nut powder                          |

40. Handmade paper
  41. Fast foods - snacks, wafers, noodles etc
  42. Pickles and chutneys
  43. Fish canning
  44. Frozen shrimp
  45. Lemon peel oil
  46. Dairy products
  47. Herbal medicines
  48. Refractories
  49. Decorative ceramic tiles
  50. Granite cutting and polishing
  51. Cement products
  52. Polishing of stones
  53. Benefication of barytes
  54. Tannery
  55. Iodised salt
  56. Leaf cups and plates
  57. Mini dairy
  58. Potato waters
  59. Rice bran oil
  60. Sisal fibre extraction
  61. Coal briquettes
  62. Precipitated calcium carbonate
  63. Hydrated lime
  64. Cotton ginning, cotton seed oil
  65. Oleoresins from chillies
  66. Rice mills
  67. Poha (beaten rice)
  68. Coconut complexes (coconut powder, shell powder, coconut water, coconut milk etc.)
  69. Canned mushroom
  70. Macaroni products
  71. Pop corn
- B. Demand based:**
72. Vermicelli,
  73. Ice blocks
  74. Cold storages
  75. Bakery products
  76. Confectionery
  77. Barium chemicals
  78. Tanning chemicals
  79. Sodium silicate
  80. Plastic products
  81. FRP products
  82. Engineering plastics
  83. Rubber moulded goods
  84. HDPE/PVC rigid pipes
  85. Rubber footwear
  86. Injection moulded plastic products
  87. Hair oil
  88. Gums and resins
  89. Industrial hand gloves
  90. Plastics used in drip irrigation
  91. Tyre retreading
  92. Dye and dye stuffs
  93. Paints and varnishes
  94. Drugs and drug intermediaries
  95. Laboratory chemicals
  96. Pharmaceutical formulations (Ayurvedic, homeopathic, and allopathic)
  97. Nickel, cadmium plating
  98. Paper products
  99. Computer stationery
  100. Leather footwear (DIP Shoes)
  101. Leather garments
  102. Readymade garments
  103. Leather goods - travel

- |      |                                       |      |   |
|------|---------------------------------------|------|---|
| 104. | Leather belts, straps, etc            | 133. | Well rings  |
| 105. | Hosiery                               | 134. | Flyash bricks   |
| 106. | Nylon socks                           | 135. | Rolling shutters  |
| 107. | Cotton vests, and undergarments       | 136. | Steel fabrication   |
| 108. | School bags, hold-alls etc            | 137. | Wire drawing  |
| 109. | Rain coats                            | 138. | Auto leaf springs   |
| 110. | Upholstery                            | 139. | Welding electrodes  |
| 111. | Canvas shoes                          | 140. | Door, window, frames(metallic)                              |
| 112. | Cotton tapes                          | 141. | Poultry equipment   |
| 113. | Screen printing on saris, dresses etc | 142. | Agricultural implements                                     |
| 114. | Silk reeling and twisting             | 143. | Forged items  |
| 115. | Automobile body building              | 144. | Lead seals  |
| 116. | General engineering workshop          | 145. | Mechanised boat repair workshop                             |
| 117. | Rivets of all types                   | 146. | Storage batteries   |
| 118. | Surgical and absorbent cotton         | 147. | Quartz clock movements                                      |
| 119. | Aluminium furniture                   | 148. | Printed circuit boards                                      |
| 120. | Automobile components                 | 149. | Auto lamps  |
| 121. | Polystyrene foam products             | 150. | GLS lamps   |
| 122. | PE film and bags (colour printed)     | 151. | Inverters and converters                                    |
| 123. | Acid slurry                           | 152. | Display monitors  |
| 124. | PET bottles                           | 153. | Miniature lamps   |
| 125. | Lubricating oil                       | 154. | Conductors, cables and wires                                |
| 126. | Camphor tablets                       | 155. | FHP motors  |
| 127. | Gummed paper tape                     | 156. | Electronic fan regulators                                   |
| 128. | Corrugated paper boxes                | 157. | Small transformers  |
| 129. | Zinc oxide                            | 158. | Household electrical appliances                             |
| 130. | PVC footwear                          | 159. | Room coolers/desert coolers                                 |
| 131. | Tarpaulin                             | 160. | Plugs, sockets, switches                                    |
| 132. | RCC spun pipes                        | 161. | Wiring harness  |
|      |                                       | 162. | Computer accessories  |
|      |                                       | 163. | Audio cassette recording                                    |
|      |                                       | 164. | Telecom terminal equipment-phones, pay phones, fax machines |

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|--|---|
| 165. Modems  | 188. Geographical information systems                           |
| 166. Computer ribbons                                  | 189. Computer animation   |
| 167. Computer drives, disk drives                      | 190. Industrial photography                                     |
| 168. Microwave components                              | 191. Medical transcription                                      |
| 169. Copper clad laminates                             | 192. Advertising agencies                                       |
| 170. Stepper motors                                    | 193. Automobile repair and servicing                            |
| 171. Electronic display devices                        | 194. Repairing and Servicing of household electronic appliances |
| 172. Miniature circuit breakers                        | 195. Equipment rental and leasing                               |
| 173. Mosquito repellents                               | 196. Typing centers   |
| 174. Electronic teaching aids                          | 197. Software training institute                                |
| 175. Electronic medical equipment, measuring equipment | 198. Laundry and dry cleaning                                   |
| 176. Personal computers(assembly)                      | 199. Beauty parlours Tailoring/boutique                         |
| 177. Multimeters, power devices, stabilizers, etc      | 200. Teleprinter/fax services                                   |
- Small Service and Business Establishments:**
- |  |   |
|--|---|
| 178. Tool rooms                          | 201. Telephone(STD/ISD) booths for industries           |
| 179. Testing houses                      | 202. Weigh bridge                                       |
| 180. Sub contract exchanges              | 203. Cable TV network                                   |
| 181. Consultancy services                | 204. Crèches  |
| 182. Market research services            | 205. EDP institutes(by NGOs)                            |
| 183. Computer software development       | 206. Photographic lab                                   |
| 184. Networking and data com software    | 207. Flour milling, wet and dry grinding                |
| 185. Object oriented software and design | 208. Tailoring  |
| 186. Electronic design automation        | 209. Fast food centres                                  |
| 187. CAD/CAM 2D, 3D Graphic modelling    | 210. Home services - household cleaning and maintenance |

## ANDHRA PRADESH - STATISTICS

<b>Physical features</b>	Area	2,75,100 Sq. kms
	Longitude	Between 76° 46' & 84° 50' E
	Latitude	Between 12°14' & 19°54'N
	Boundaries	East - Bay of Bengal West - Karnataka state North - Orissa, Maharashtra, Madhya Pradesh South - Tamil Nadu
	No. of districts	23
	Coast line length	974 kms
	Major rivers	Godavari, Krishna, Pennar, Vamsadhara
	Soils found	Alluvial in coastal region, sandy soil, granite rock in plateau, red soil, black soil
	Major land forms	Eastern Ghats, Coastal plains, Deccan Plateau
	Rainfall	Normal rainfall - 925 mm Coastal region receives good rainfall, Rayalseema region is generally dry. Most districts faced drought conditions during the past few years.
	Capital city Major cities and towns	Hyderabad Visakhapatnam, Vijayawada, Tirupathi, Guntur, Rajahmundry.
	Places of tourist Interest	Charminar (Hyderabad), Tirupathi temple, Stupa of Amaravati, Nandi of Aantapur, Nagarjun sagar dam, Aruku valley etc.
<b>Demographic particulars</b>	Population (2001 census)	76.21 millions (7.42% of All India)
	Decadal growth rate	14.44( All India -21.34)
	Density of population	277persons/Sq.km
	Male population	38.52 millions
	Female population	37.68 millions

	Rural population as %	72.65%
	Literacy rate	60.47 (All India 65.37%)
	Male literacy rate	71.4
	Female literacy rate	51.5
	Sex ratio(females per 1000 males)	978
	Workers total	34.894 millions
	Workers - agricultural	21.722 millions(62.3 %)
	Workers - non agricultural	13.143 millions( 37.7 %)
	Birth rate	22.9
	Death rate	8.5
	No. of inhabited villages	26,586
	No. of uninhabited villages	1414

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Resources		
Agricultural resources	Food grains	Rice, jowar, bajra, pulses, oilseeds, maize, (production in 2005-06: food grains: 169.5 Lakh Tonnes Oil seeds: 15.1 Lakh Tonnes Sugarcane: 18.65 Lakh tones cotton : 21 balesof 170 kgs Chillies: 5.38 MT)
	Cash crops	chillies, cotton, tobacco, coconut, cashew, groundnut, sugarcane,
	Horticulture crops	Fruits and vegetables, spices, flowers, mushroom cultivation
	Fruits	Mango, citrus, grapes, banana, sapota, pineapple,
Irrigation	Major sources	Canals: 35.8% Tanks :15.1% Tube wells: 19% Other wells: 26.3% Other sources: 4.5%

Livestock resources	Livestock population ( 2003 Census) Poultry population	482.20 lakhs 1005.8 lakh
Mineral resources	Major minerals: State's share in deposits of major minerals:	<ul style="list-style-type: none"> <li>• Barytes 97%</li> <li>• Clay 32%</li> <li>• Sand 62%</li> <li>• Silver 40%</li> <li>• Quartz 40%</li> <li>• Mica Crude 47%</li> <li>• Feldspar 24%</li> <li>• Apatite 27%</li> </ul>
Fisheries	Coastline of 974kms, rivers flowing through 8577 kms, 102 reservoirs, 4600 perennial tanks, with Water spread area of 1.8 lakh hectares	

<b>Industrial Infrastructure</b>	Industrial estates/development areas	272
a. Industrial parks	<p>Existing parks</p> <ul style="list-style-type: none"> <li>• Software park at Hyderabad</li> <li>• Hardware park, near Shamshabad</li> <li>• ICICI knowledge park</li> <li>• Hitec city for software units, Apparel Park at Gundlapochampalli,</li> <li>• Export Promotion Park at Pashamylaram,</li> <li>• Hitec city</li> </ul> <p>Proposed parks</p> <ul style="list-style-type: none"> <li>• Food parks at Krishna, Machilipatnam, RR district,</li> <li>• Leather parks: 72 mini parks</li> <li>• Exim park at Visakhapatnam</li> <li>• Agri export zones</li> <li>• Gems and Jewelry park etc</li> <li>• Marine Bio tech park</li> <li>• Special economic zone</li> <li>• Pharma city at Visakhapatnam</li> </ul>	

Industry at a glance	No. of SSIs (upto 31.1.08)	1,52,753
	Investment in crores	7561.12
	employment	1425612
L&M sector	No. of units since 1991	1916
	Investment Rs in crores	20937
	Employment	271593

**Economy:** The state ranks fourth in terms of overall gross state domestic product and fourth in per capita gross state domestic product among the major states of India

Andhra Pradesh is a predominantly services economy

- 49 per cent of the total GDP comes from the services sector.
- Industry accounts for 27 per cent of GDP
- Agriculture accounts for 24 per cent.

The state accounts for about seven per cent of all **new investments in the country**. **Foreign direct investments** have been rising. The state ranks **fourth in terms of attracting FDI**.

## Training Institutions

<p><b>Training Institutions</b> 1. Employment promotion, Entrepreneurship Development</p>	<ul style="list-style-type: none"> <li>• <b>MSMEDI:</b> MSMEDI, located at Balanagar, Hyderabad provides technical consultancy and training to existing and prospective entrepreneurs in Entrepreneurship Development, Entrepreneurship &amp; Skill Development, Management Development and Skill Development. The courses are organized for a duration ranging from one week, to three months, depending on the course.</li> <li>• <b>NIMSME:</b> National Institute for Small &amp; Medium Enterprises, located at Yousufguda, Hyderabad is a premier Institute that imparts corporate training in the fields of Entrepreneurship and other areas related to small industry promotion. . NIMSME has a good library that houses various international issues of magazines and journals.</li> <li>• <b>ASCI:</b> Administrative Staff College of India, Saifabad, Hyderabad: A prestigious Training Institute in Corporate Management field,. It undertakes research projects, and provides corporate training in the fields of Management and Entrepreneurship.</li> </ul>
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	<ul style="list-style-type: none"> <li>• <b>CIPET</b>: Central Institute for Plastics Engineering Training, Cherlapalli, Hyderabad, provides training to existing and prospective entrepreneurs in plastics engineering technology</li> <li>• <b>NIFT</b>: National Institute of Fashion Technology, Gachibowli, provides training in fashion designing to prospective entrepreneurs.</li> <li>• <b>KVIB</b>: Khadi and Village Industries Board, Govt of AP, helps the SMEs by providing training in manufacture of simple khadi products</li> <li>• <b>ATI</b>, Advanced Training Institute, Sivam Road, Hyderabad provides practical training in employment oriented income generating activities like Computer languages, Repairing and Servicing of electrical appliances, etc</li> <li>• <b>SET</b>: Society for Employment promotion and Training: Every district houses a separate body for employment promotion and training, and imparts training in a wide range of employment generation activities.</li> <li>• <b>RUDSETI</b>: Institute for Rural Development, Self employment and training, promoted by SBH, provides vocational training in many activities The trainees are assisted in grounding their units.</li> <li>• Apart from the above, many other Institutions like Centre for Entrepreneurship Development, Hyderabad, and the National Institute for Rural Development, AP State Footwear Training Centre, etc provide training for prospective entrepreneurs.</li> </ul>
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<b>Management training institutions</b>	<ul style="list-style-type: none"> <li>• Administrative Staff College of India</li> <li>• International School of Business,</li> <li>• GITAM School of Management</li> <li>• NAARM</li> <li>• and NEERI</li> </ul>	
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<b>Software development &amp; Related</b>	<p>CMC,: Computer Maintenance Corporation          IIIT: Indian Institute of Information Technology          CITD(CAD/CAM) : Central Institute of Tool Design</p>
<b>R&amp;D Institutions</b>	<p>IICT: Indian Institute of Chemical Technology          CCMB: Centre for Cellular and Molecular Biology          NIN: National Institute of Nutrition          DRDL: Defence Research &amp; Development Labs          NGRI,: National Geophysical Research Institute          NRSA: National Remote Sensing Agency          ICRISAT: International Crops Research Institute for Semi Arids and Tropics</p>

	<p>DMRL: Defence Metallurgical Research Labs DRDO: Defence Research Development Organization DERL: Defence electronics Research Laboratory RCI,CRIDA</p>
SME development agencies	<p>MSME Development Institute, Commissionerate of Industries, District Industries Centres, NIMSME, SIDBI, KVIB, KVIC, NSIC, APITCO, APEDA, CFTRI, Spices Board, Coir Board, etc.</p>

### Industrial Clusters

Major Industrial clusters	<ul style="list-style-type: none"> <li>• Mango jelly - Kakinada Sarpavaram East Godavari district</li> <li>• Cashew processing - Palasa, Srikakulam district, Vetapalem - Prakasam district</li> <li>• Marine foods - Visakhapatnam,</li> <li>• Oil mills - Cuddapah, Prodattur, Nandyal, Adone</li> <li>• Graphite crucibles- Rajamundry, Samalkota, East Godavari dt</li> <li>• Roofing tiles - Jaggampeta, EG district, Kothavalsasa, Vizianagaram dt, Nuzvid, Krishna dt</li> <li>• Stone polishing - Bethamcherla, Tandur, Yerraguntla, Tadipatri,</li> <li>• Granite tiles - Kuppam( Kadapa dt), Khammam, Chimakurthy ( Prakasam dt),</li> <li>• Bulk drugs and formulations- Jeedimetla (Hyderabad)</li> <li>• Imitation jewelry - Machilipatnam ( Krishna dt)</li> <li>• Handmade crochet lace - Narsapur ( EG dt)</li> <li>• Readymade garments - Pamidi, Raidurg (Anantapur dt)</li> <li>• Leather tanning - Hyderabad and Warangal</li> <li>• Brass utensils - Ventimitta( Kadapa dt), Buditi (Srikakulam) Srikalahasti(Chittoor),</li> <li>• Aluminium utensils_ Rajamundry( EG dt)</li> <li>• Ceiling fans- Balanagar(Hyderabad)</li> <li>• Pneumatic hammers - drill bits, drilling equpt - Hyderabad, Secunderabad</li> </ul>
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