



Government of India  
Ministry of MSME

## **Brief Industrial Profile of Warangal District**



सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES

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# Contents

S. No.	Topic	Page No.
1.	General Characteristics of the District	3
1.1	Location & Geographical Area	4
1.2	Topography	4
1.3	Availability of Minerals.	4
1.4	Forest	4
1.5	Administrative set up	5
2.	District at a glance	5,6,7
2.1	Existing Status of Industrial Area in the District	8
3.	Industrial Scenario	8
3.1	Industry at a Glance	8
3.2	Year Wise Trend Of Units Registered	8-9
3.3	Details Of Existing Micro & Small Enterprises & Artisan Units In The District	9
3.4	Large Scale Industries / Public Sector undertakings	10
3.5	Major Exportable Item	10
3.6	Growth Trend	11
3.7	Vendorisation / Ancillarisation of the Industry	11
3.8	Medium Scale Enterprises	11
3.8.1	List of the units in Adilabad & near by Area	11
3.8.2	Major Exportable Item	12
3.9	Service Enterprises	12
3.9.	Potentials areas for service industry	12
3.10	Potential for new MSMEs	13-14
4.	Existing Clusters of Micro & Small Enterprise	14
4.1	Detail Of Major Clusters	14
4.1.1	Manufacturing Sector	14
5.	General issues raised by industry association during the course of meeting	15
6	Steps to set up MSMEs	16

# **Brief Industrial Profile of Warangal District**

## **1.General Characteristics of the District**

Warangal one of the 10 districts of Telangana region of A.P, is a place with a great historic past. It is the seat of the Vishnukundins and Kakatiya dynasties the ruled the region pre Buddhist period. The Warangal fort, the thousand pillar temple, Ramappa temple and Bhadra kali temple are the fine remnants of the glorious bygone area. After the downfall of Kakatiyas the region was ruled by Qutub shahis and the Nizam. The major crops in district are rice, maize, greengram, red gram, groundnut, cotton, chillies. Major vegetable grown are tomato, bhendi, brinjal. Main horticulture is mango and banana and sweet orange. The major source of irrigation is wells, tanks, minor irrigation projects of canals and tube wells. The major tanks are Ramappa, Lakhanavaram, pakhal and Ghanapuram tanks. River Godavari acts as a boundary but it has not been tapped for irrigation. Madaram Jatara, it is a tribal festival held in once in 2 years in Medaram. State Government proposes to recognize this Madaram jatara as National Festival.

### **1.1 Location & Geographical Area.**

The district is bounded by Khammam district on East, Karimnagar district on North, Nalgonda on the South and Medak on the West. The geographical area is 12834 Sq.kms.

## 1.2 Topography

The Topography of the district consists of isolated hills. Rain fed tanks, lakes and shrubby forests. The major soil types found in the district are red charka (55%), black cotton soil(22%) loamy soil(14% and sandy loans(9%). Climate in district is generally dry. Summer is hot, with mercury touching 50<sup>0</sup> C. The temperature dips to 13<sup>0</sup>C in winter during the month of December and January. Normal annual rainfall is 994 mm. Generally rainfall received is 622 mm to 750 mm.

## 1.3 Availability of Minerals.

Major minerals available in the district are laterite, dolomite, coal, clay, black granite and limestone besides sand.

### PRODUCTION OF MINERAL 2005-06

S.NO.	NAME OF MINERAL	PRODUCTION IN TONNES 2010-11
MAJOR MINERAL :		
1.	Laterite	626364
2.	Iron ore	17599
3.	Coal	2026
MINOR		

1.	Dolomite	102
2.	Quartz	5520

## 1.4 FOREST

An area of 371014 Hectars is under forest mainly in the mandals of Eturunagaram, Tadvai and Mangapet. The minor forest produce in the district are Gumcaraya, wild brooms, soapnuts, nuxvomica, mahua seed etc. Forest development programme in the district include the World Bank assisted community forest management programme, Velugu programme for natural resource management.

## 1.5 Administrative set up.

The entire district is divided into 5 Revenue divisions. 1. Warangal 2. Mahaboobabad 3.Mulug 4.Janagam 5.Narasampet. These divisions constitute 51 Mandals.

## 2. District at a glance

S.No	Particular	Year	Unit	Statistics
<b>1</b>	<b>Geographical features</b>			
(A)	Geographical Data			
	i) Latitude			Between 17 <sup>0</sup> 19 & 18 <sup>0</sup> 36 N
	ii) Longitude			Between 78 <sup>0</sup> 49 and 80 <sup>0</sup> -43 <sup>0</sup>
	iii) Geographical Area		Hectares	1284600
(B)	Administrative Units			-
	i) Sub Divisions/Revenue			5
	ii) Tehsil/ Mandals			51
	iii) Sub Tahsils			-
	iv) Patwar circle			

	v) Panchayat simittis			-
				-
	vi)Nagar nigam	2007	Nos	1
	vii) Nagar palika	2007	Nos	1
	viii) Gram panchayats			1012
	xi)Revenue villages			1098
	x) Assembly area			
<b>2.</b>	<b>Population</b>			
(A)	Total			3522644
	Sex wise			
	i) Male	2011		1766257
	ii) Female	2011		1756387
(B)	Rural Population	2011		2524498
	Urban	2011		998146
<b>3.</b>	<b>Agriculture</b>			
A.	Land utilization	2010-11		
	i) Total Area	2010-11	Hectare	1284600
	ii) Forest cover	2010-11	"	371014
	iii) Non Agriculture uses	2010-11	"	72226
	iv) Barren & unculturable land	"	"	51363
	v) Culturable waste	"	"	10940
	vi) Pmt Pasture	"	"	44948
	vii) Misc tree crops	"	"	49592
	viii) other fallow land	"	"	96661
	ix)current fallow land	"	"	59682
	x)Net area sown	"		528164
<b>4.</b>	<b>Forest</b>			
	(i) Forest	20010-11	Ha.	
<b>5.</b>	<b>Livestock &amp; Poultry</b>			
A.	<b>Cattle</b>			
	i) Cows	2007	Nos.	797522
	ii) Buffaloes	2007	Nos.	748827
	ii) sheep	2007	Nos	1981105
B.	<b>Other livestock</b>			
	i) Goats	2007	Nos.	546255
	ii) Pigs	2007	Nos.	43839
	iii) Dogs & Bitches	2007	Nos.	18003
	iv)Poultry	2007	Nos.	4658474
	<b>iv) Railways</b>			
	i) Length of rail line			
	<b>V) Roads</b>			
	(a) National Highway	2010-11	Kms	154
	(b) State Highway(PWD)	2010-11	Kms	2363
	(c) Panchayats	2010-11	Kms	8197

(d) Village Roads	2010-11	Kms	
(f) MPP Road	2010-11	Kms	
<b>(VI) Communication</b>	2010-11		
(a) Telephone connection	2010-11		44306
(b) Post offices	2010-11	Nos.	762
(c) Telephone centre	2010-11	Nos.	155
(d) Density of Telephone	2010-11	Nos./1000 person	
(e) Density of Telephone	2010-11	No. per sq kM.	
(f) PCO Rural	2010-11	No.	-
(g) PCO STD	2010-11	No.	2575
(h) Mobile	2010-11	No.	-
<b>(VII) Public Health</b>	2010-11		
(a) Allopathic Hospital	2010-11	No.	26
(b) Beds in Allopathic hospitals		No.	2218
(c) Ayurvedic Hospital		No.	1
(d) Beds in Ayurvedic hospitals		No.	100
(e) Unani hospitals/beds		No.	1/5
(f) Community health centers		No.	
(g) Primary health centers		No.	49
(h) Dispensaries			
(i) Sub Health Centers		No.	
(j) Private hospitals		No.	120
<b>(VIII) Banking</b>			
(a) Commercial Bank		Nos.	196
(b) Rural Bank products		Nos.	51
(c) Co-Operative bank products		Nos.	29
(d) PLDB Branches		Nos.	
<b>(IX) Education</b>			
(a) Primary school	2010-11	Nos.	3025
(b) Middle schools ( upper primary)	''	Nos.	695
(c) High schools	''	Nos.	1023
(d) Higher secondary schools	''	Nos.	2
(e) Junior colleges	''	Nos.	242
(f) BED colleges	''	Nos.	23
(g) Polytechnic	''	Nos.	11
(h) Engineering colleges	''	Nos.	44
(i) MBA/MCA) Colleges	''	Nos.	40/33
(j) Pharmacy	''		21

## 2.1 Existing Status of Industrial Areas in the District

Sl. No.	District	Zone	IP Name	Land acquired (acres)	Land acquired in sqmts	Land Developed (sq.Mts)	Land rate per sq.m	Total no of plots	Total no of structure	Allotted plots	Allotted structures	Vacant plots	Vacant structures	Units in production
1	Warangal	Warangal	APHIC_MADIKONDA_IP	169.72	686857	531895	500	217	0	208	0	9	0	87
2	Warangal	Warangal	CC WARANGAL	0.60	2428	2339	0	0	46	0	46	0	0	15
3	Warangal	Warangal	IE WARANGAL	26.58	107569	65093	4000	45	60	45	60	0	0	101
4	Warangal	Warangal	IP JANGAON	30.00	121410	99090	450	42	1	42	1	0	0	18
5	Warangal	Warangal	IP JANGAON(EXP)	19.60	79321	55189	450	73	0	73	0	0	0	52
6	Warangal	Warangal	IP RAMPUR	193.62	783580	536644	500	262	32	261	28	1	4	134
7	Warangal	Warangal	KAN WARANGAL	18.72	75759	48847	4000	154	6	154	6	0	0	141
8	Warangal	Warangal	SEZ MADIKONDA	45.00	182115	130536	0	33	0	0	0	33	0	0

Source:- APIIC, Head office, Hyderabad

### 3. INDUSTRIAL SCENERIO OF WARANGAL DISTRICT

#### 3.1 Industry at a Glance

Sr No	Head	Unit	Particulars
1.	REGISTERED INDUSTRIAL UNIT	NO.	250
2.	TOTAL INDUSTRIAL UNIT INCLUDING UNREGISTERED	NO.	4159
3.	REGISTERED MEDIUM & LARGE UNIT	NO.	10
4.	ESTIMATED AVG. NO. OF DAILY WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	NO.	41228
5.	EMPLOYMENT IN LARGE AND MEDIUM INDUSTRIES	NO.	9998
6.	NO. OF INDUSTRIAL AREA	NO.	8
7.	TURNOVER OF SMALL SCALE IND./INVESTMENT	IN LACS	18237.88
8.	TURNOVER OF MEDIUM & LARGE SCALE INDUSTRIES /investment	IN CRORES	735

#### 3.2 YEAR WISE TREND OF UNITS REGISTERED

YEAR	NUMBER OF REGISTERED UNITS	EMPLOYMENT	INVESTMENT (lakh Rs.)
1996-97	5441	43376	6185
1997-98	5817	45542	6469
1998-99	5963	75674	6950
1999-2000	5979	75928	7254
2000-01	6074	48270	8688
2001-2002	6106	48671	8920

	2002-03	6129	48824	9086
	2003-04	6162	49133	9427
	2004-05	6203	49607	9657
	2005-06	6224	49809	9841
	2006-07	6256	50158	10339
	2007-08	6339	51150	11105
	2008-09	6423	52226	12875
	2009-10	6638	53105	13970
	2010-11	6958	54218	14650
	2011-12	7304	<b>55112</b>	<b>15872</b>

Source: DIC Warangal

### 3.3 DETAILS OF EXISTING MICRO & SMALL ENTERPRISES AND ARTISAN UNITS IN THE DISTRICT

NIC CODE NO.	TYPE OF INDUSTRY	NUMBER OF UNITS	INVESTMENT (Lakh Rs.)	EMPLOYMENT
20	Agro based	1058	585815	19869
22	Soda water			
23	Cotton textile	13	68.10	173
24.	Woolen, silk & artificial Thread based clothes.	11	13.70	22
25.	Jute & jute based/TOBACCO PRODUCTS	8	563.70	521
26.	Ready-made garments & embroidery	75	317.68	292
27.	Wood/wooden based furniture	338	967.55	2148
28.	Paper & Paper products/Forest based	214	919.01	722
29.	Leather based	96	2881.50	2482
31.	Chemical/Chemical based	22	11.32	133
30.	Rubber, Plastic & petro based	64	566.99	456
32.	Mineral based	250	1393.90	1373
33.	Metal based (Steel Fab.)	240	1144.81	2630
35.	Engineering units			
36.	Electrical machinery and transport equipment	228	650.01	573
97.	Repairing & servicing	1092	1418	1837
01.	Others/Animal Husbandry	450	1461.83	7997

Source: DIC Warangal as on 31.3.2010

### **3.4: Large scale Industries/Public Sector undertakings:**

List of units in Warangal & Near by Area

1. Bollapur Industries Ltd. Kamalapur
2. Sri Venkata Narasimha Solvent oil Ltd, Nakkalapalli
3. ABK Publications Ltd., Vaartha Buildings, Warangal
4. Lamansion Granites (P) Ltd, Arepalli
5. Singareni collieries, Bhoopalpalli
6. Balaji stake Industries, Hasamparthy
7. Ganesh Industries, Gorrekunta
8. Santosh Industries, IDA, Rampur
9. Balaji Stake Industries, Hasanaparthy
10. Wardhannapeta Mahila Paraspata Sahakara Samithi, Ellandu, Wardannapet.

### **3.5. Major exportable item:**

Micro & Small Scale Sector (MSE) in the district mainly consists of Agro-based industries like rice mills, flour mills, turmeric polishing, food products etc. Hand looms, mineral based industries like granite cutting and stone crushing, handicrafts and certain demand based industries. Leather tanning is famous in Warangal district. There are mainly tanning units working actively and making good profits. Leather products items like leather bags, jackets, purses are exporting item. Rice, rice bran oil are exporting items.

### 3.6 Growth Trend:

Hand loom weaving (silk) handicrafts, dhurru making leather tanning and cotton ginning units are having growth trend. It is noteworthy that Warangal district is famous for tanneries and plenty of skins and hides are available in the district. So, growth trend is there for tanning units..

### 3.7 Vendorisation/Ancillarisation of the Industry:

For agro-based industries: Mini rice mills, dall mills, cold storage plants. Fruit processing mango pulp, mango jelly, can canning, pickles and other fruit based processing units etc. For tanning units, ancillary are chemicals supply units, Ancillary units for Singareni collieries are, ferric alum, plastic buckets wood preservative chemicals, bleaching powder, rivets, identity card, roof support units etc.

### 3.8: Medium Scale Enterprises:

#### 3.8.1: List of units in Warangal & Near by area

1. Bollapur Industries Ltd. Kamalapur
2. Sri Venkata Narasimha Solvent oil Ltd, Nakkalapalli
3. ABK Publications Ltd., Vaartha Buildings, Warangal
4. Lamansion Granites (P) Ltd, Arepalli
5. Balaji stake Industries, Hasamparthy
6. Ganesh Industries, Gorrekunta
7. Santosh Industries, IDA, Rampur
8. Balaji Stake Industries, Hasanaparthu

#### **3.8.2: Major exportable item:**

Leather products like leather bags, jackets, purses are exporting items

Agro based Industries: Rice, rice bran oil are exporting item. Singareni colleries is a crown in producing coal.

Mineral based Industries: Fly ash bricks, cement concrete dense , bricks and blocks, cement mosaic tiles, hydrated lime, granite lime, granite tiles, coal fuel briquettes and cement products are exporting items. Whole blocks of granite is export item.

### **3.9 Service Enterprises:**

Warangal is mainly based on Agro resources, mineral resources forest resources, handloom, handicrafts are service enterprises.

#### **3.9.1 Potential areas for service Industry:**

It is reported that there were 435 rice mills in the district. The mills are mainly concentrated in Warangal, Hanumkonda, Mahabubabad, Thorur, Geesugonda, Janagam, Narasannapat and Hasanparthy, Kesamudram areas. It is learnt all these mills are running profitably hence there is good scope to encourage mini rice mills.

Stone crushing activity: There are 100 quarry leases concerning an area of 365 acres in the district. There are 45 stone crushing units in the district. The district has deposits of granite in abundance. It generates employment for good number of rural people. The activities concentrated in Hanumakonda, Hasanparthy, Mahaboobabad, Dharma sagar, Korivi & Shayampet and Parkal Mandals.

Leather tannings:

Concentrated in Desaipet Enamamula and its surrounding areas. It is repored 15 units are actively working after tanning, the

finished skins and hides are sent to trade houses in Tamilnadu for exporting. Around 80 MSEs are registered for manufacture of leather based products (apart from tanneries)

Silk weavings:

Silk weaving cluster is concentrated in and around Bachannapet 200 weaver families are engaged in silk weaving.

Hand looms:

The district has 50 Handloom weavers Cooperative societies including 2 wool weavers cooperative societies and 21 power loom societies. Weaver clusters are located at Parkal, Jangoam and Kothawada. Products made are bed sheets, towels, lungies, cotton tape, wood work etc.

Handicrafts:

Pembarthy is famous for handicrafts like idols of gods and goodesses decorative items by using metals like Brass and copper.

### **3.10 Potential for New MSEs:**

<b>Category</b>	<b>Activity</b>
Agro based	Modern Rice mills, rice rava, rice suji, poha, murmura, dall mills, oil mills (Neem, Cotton, groundnut), cold storages, Fruit processing, mango pulp, juice, bars, toffees, jelly, spices grinding, (chilies ,turmeric) Mini Dairy, dairy products, Maize flakes, and maize products, cattle feed, poultry feed, bio fertilizers, banana fibre extraction, furfuraldehyde, Potato chips, papads, groundnut chikki, seed processing plants, tomato ketchup, Jams and Jellies, pickles, vegetable dehydration, rice bran oil, bread, bakery products, ice cream, ginger paste, ice blocks, glucose from maize, popcorn, vermicelli, noodles, tuity fruity, cotton seed oil, fuel briquettes, cellulose from cotton stems, chopped fodder, mineral water, chicken fast food centres etc.
Forest Based	Wooden furniture, saw mills, leaf cups and plates, agarbathi sticks, Myrabolam extract for tanneries, tamarind seed starch and pulp, honey bee keeping and processing soap nut powder, herbal

	products like shampoos, gum, Beedi making, carpentry work, nurseries, decorative items from palm leaves, ayurvedic formulations, cultivation of medicinal and aromatic plants, etc
Live stock and leather based products	Leather tanneries, leather footwear, leather garments, leather travel goods, purses and novelties, leather shoe uppers, leather chappals and sandals, leather belts and straps dressed chicken outlets, Horn products, bone meal, poultry farm, etc.
Mineral based	Mineral grinding, Granite polishing, Cement hollow bricks, Stone crushing, bricks, pre cast cement concrete products,
Chemicals and allied	Detergent Powder, liquid soaps, Phenyl, Plastic disposable cups and plates, Camphor tablets, PVC Chappals, hawai chappals, Air room fresheners, Distemper paints, Plastic products, etc, screen printing, paper bags, agarbathi, note books, computer stationery, plastic folders, file covers, file pads, etc
Textile based	Hosiery, Lace Making, Readymade garments, crochet lace goods, Cotton Ginning, Silk Weaving, Silk Reeling centre, bed sheets, pillow covers, school bags, canvas shoes, surgical bandage, etc
Engineering based	General Engineering Workshops, (grills and gates) Agricultural Implements, Builders' Hardware, Tyre retreading Wire drawing and wire nails,
Electronic and electronic goods	Voltage stabilizers, Printed circuit boards, TV booster amplifiers, electronic fan regulators, inverters and converters, electronic milk analyzer, lamp fittings, auto lamps, GLS lamps, conductors, cables and wires, small transformers, household electric appliances, room coolers, wiring accessories, plugs, sockets and switches, software development.
Service oriented	Taxis, Tent houses, STD Booths, Xerox, Cyber Cafes, Tourist guides, Digital Photography, motor rewinding 2 /3 Wheeler Servicing, Repairing house hold appliances, Servicing of Agricultural implements Fast food centres, Hotels, Dhabas, Laundry houses, tool rooms ( in Industrial areas), Testing houses, repairing and servicing of cellular phones, beauty parlours, etc.

#### 4. Existing clusters of Micro & Small Enterprises:

##### 4.1 Details of Major clusters:

##### 4.1.1 Manufacturing sector: (Reported)

##### 4.1.2 Service sector:

#### **4.2 Details for Identified cluster**

[www.clusterobservatory.in](http://www.clusterobservatory.in)

#### 4.2.1 Name of the cluster:

Warangal Rice mill

1	Principal Products Manufactured in the Cluster	Boiled rice, fine rice, Brokens
2	Name of the SPV	
3	No. of functional units in the clusters	Micro units-50, small -50, medium-25(paraboiled) Total -125
4	Turnover of the Clusters	3000 million
5	Value of Exports from the Clusters	Mainly to Gulf, Bangladesh, Singapore and Thailand (Export value not available)
6	Employment in Cluster	5000
7	Average investment in plant & Machinery	
8	Major Issues / requirement	The food corporation of India has been taking only 50percent of the rice production as levy and millers are left with the rest for sale in the open market. Their supplies have been restricted more or less to the local market where the profit margins had come down considerably. Lack of awareness of the Energy efficient technologies,
9	Presence of capable institutions	
10	Thrust Areas	
	Problems & constraints	High usage of husk leading to pollution problems Inadequate godown facilities leading damage of rice Poor linkages with Technical institutions

#### **5. General Issues raised by Industrial Association:**

The main issue raising by Associations is power cuts. Rice Miller's Association raising the issue of the need of modernization/upgradation. Tanning units raising the need for modernization and upgradation and support to solve pollution problem by Setting up a common effluent centre. Silk weaving and Handloom weaving societies – there is an urgent need to provide working capital and upgradation of technology for weavers and to free them from the clutches of the middle men and to work independently.

## **6 .Steps to set up MSMEs**

S. No	Type of assistance	Name and address of the agency
1	Provisional & permanent registration	District Industries centre, Warangal
2	Identification of project profiles, techno-economic and managerial consultancy services, market survey and economic survey report	MSMSE-DI, Hyderabad
3	Land and Industrial shed	APIIC
4	Financial assistance	APSMFC, Commercial banks
5	For raw materials under Govt supply	GM DIC, Guntur
6	Plant and machinery under hire purchase	NSIC, Hyderabad
7	Power/ Electricity	AP Transco
8	Technical Know how	Research Labs like IICT, Hyderabad, CFTRI, Mysore, CIPET, Hyderabad, etc
9	Quality and Standards	Bureau of Indian Standards, Hyderabad AGMARK, Guntur Certified consultants for ISO 9000 etc
10	Marketing/Export Assistance	NSIC, MSME-DI, Export Promotion Councils, etc
11	Other promotional agencies	AGMARK, Spices board, coir board, Tobacco Board, KVIB etc