



सत्यमेव जयते
Government of India
Ministry of MSME

Brief Industrial Profile of Tirunelveli District



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

Carried out by

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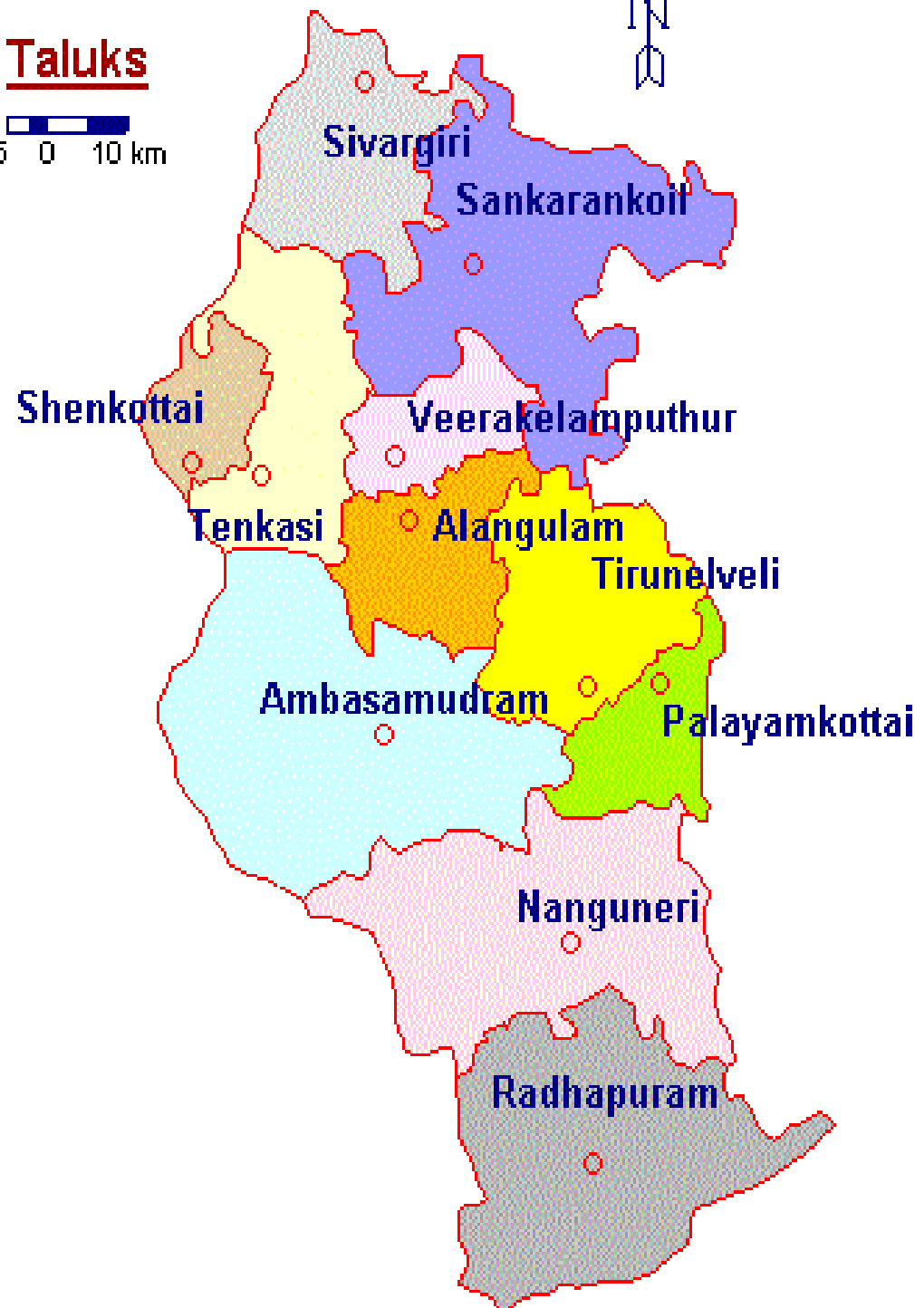
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Thirunelveli District

Taluks

5 0 10 km



Brief Industrial Profile of Tirunelveli District

1. General Characteristics of the District:

Tirunelveli District is located in southern part of Tamil Nadu State. This is one of the oldest residential as well as historical parts of the world. Tirunelveli district covering the whole area of the present Tirunelveli and Tuticorin district is popularly known as Tirunelveli Seemai. The district is referred in our epics. The area was ruled by many Pandian rulers of south India having their head quarter at Tirunelveli. The district was formed in 1790 by the then ruler East India Company.

1.1 Location & Geographical Area.

The district is located 8° 8' North Latitude to 9° 23' North Latitude and 77° 09' East Longitude to 77° 54' East Longitude, Covering the total area of 6703 Square kilo meter. The District is situated about 65 Metre above the Mean Sea Level.

1.2 Topography:

The district is having the boundaries of Virudhunagar and Tuticorin districts in the North, Western ghats in the West, Kanyakumari district in the South and Tuticorin district and Gulf of Mannar in the East. Tamiraparani River is the life line of this district. This is the only perennial river in the state without expecting help from other states.

Soil Classification

Sl.No.	Type of Soil	Name of the Blocks
1	River Alluvium	Ambasamudram, Cheranmahadevi, Pappakudi, Kadayam, Manur, Palayamkottai
2	Red Sandy	Radhapuram, Valliyoor, Nanguneri, Alangulam, Kadayanallur

3	Black Soil	Kuruvikulam
4	Red Sandy Loam	Sankarankovil, Melaneelithanallur, Vasudevanallur East
5	Red Loam	Kalakad, Pavoorchatram, Tenkasi, Shencottah, Vasudevanallur West

1.3 Availability of Minerals:

Mineral wealth is one of the most important factors for the industrial development of the area. Tirunelveli district is gifted with minerals like Limestone, which is cement grade with high quality. Apart from this, Garnet Sand and Ilmenite also mined out in the river beds and sea shore. The following table shows production of minerals during the year 2010-11 in the district

PRODUCTION OF MINERAL 2010-11

S.NO.	NAME OF MINERAL	PRODUCTION in tones 2010-2011
MAJOR MINERAL		
1.	Lime stone	1230054
2	Garnet Sand	155800
3	Limonite	374550
4	Siluminate	8200
5	Quartzite	300
MINOR		
1.	.Sand	11461.50

2.	Rough Stone /Jelly	1176383 cu.mt
3.	Earth	464915 cu mt
4.	Granite	11028.47 cu.mt
5.	Kankar	1616 cu.mt

SOURCE:- DEPT. OF MINES & GEOLOGY.,

1.4 FOREST:

The total area covered under forest in the district is 120801 hectare, out of which 81700 hectare is set apart for Tiger reserve of Mundanthurai and kalakkadu.

1.5 Administrative set up.

Tirunelveli district has its head quarter at Tirunelveli. The district is being divided into three revenue Divisions, Namely Tirunelveli, Cheranmahadevi and Tenkasi. There are eleven taluks and 19 developments blocks in the district. Only one Municipal Corporation is functioning in Tirunelveli city. There are seven Municipalities in the district.

2. District at a glance

S.No	Particular	Year	Unit	Statistics
1	Geographical features			
(A)	Geographical Data	2011	8	
	i) Latitude	2011		8° 8' North Latitude to 9 ° 23' North Latitude

	ii) Longitude	2011		77° 09' East Longitude to 77° 54' East Longitude
	iii) Geographical Area	2011	Sq Km	6703
(B)	Administrative Units			
	i) Sub divisions /Revenue Divisions			03
	ii) Tehsils			11
	iii) Sub-Tehsil			
	iv) Patwar Circle/Firkas			61
	v) Panchayat Samitis /Union			19
	vi)Nagar nigam			01
	vii) Nagar Palika			07
	viii) Gram Panchayats			425
	xi) Revenue villages			628
	x) Assembly Area			10
2.	Population			
(A)	Sex-wise			
	i) Male	2011		1518595
	ii) Female	2011		1554285
(B)	Rural Population	2011		1552235
3.	Agriculture			
A.	Land utilization			
	i) Total Area	2010-11	Hectare	

	ii) Forest cover	2010-11	“	127758
	iii) Non Agriculture Land	2010-11	“	103117
	v) cultivable Barren land	2010-11	“	29682
4.	Forest			
	(i) Forest	2010-11	Ha.	127758
5.	Livestock & Poultry			
A.	Cattle			
	i) Cows	2007	Nos.	418694
	ii) Buffaloes	2007	Nos.	78777
B.	Other livestock			
	i) Goats	2007	Nos.	390570
	ii) Pigs	2007	Nos.	12752
	iii) Dogs & Bitches	2007	Nos.	67877
	iv) Railways			
	i) Length of rail line	2010-11	Kms	170.24
	V) Roads			
	(a) National Highway	2010-11	Kms	180
	(b) State Highway	2010-11	Kms	654.849
	(c) Main District Highway	2010-11	Kms	387.140
	(d) Other district & Rural Roads	2010-11	Kms	1795.44
	(e) Rural road/ Agriculture Marketing Board Roads	2010-11	Kms	NA
	(f) Kachacha Road	2010-11	Kms	NA
	(VI) Communication			

	(a) Telephone connection	2010-11	Nos	92597
	(b) Post offices	2010-11	Nos.	388
	(c) Telephone center	2010-11	Nos.	7186
	(VII) Public Health			
	(a) Allopathic Hospital	2010-11	No.	13
	(b) Beds in Allopathic hospitals		No.	2966
	(c) Ayurvedic Hospital		No.	
	(d) Beds in Ayurvedic hospitals		No.	
	(e) Unani hospitals		No.	
	(f) Community health centers		No.	
	(g) Primary health centers			69
	(h) Dispensaries			
	(i) Sub Health Centers		No.	
	(j) Private hospitals		No.	383
			No.	No of private hospitals are functioning throughout the district
			No.	
			No.	
			No.	
	(VIII) Banking commercial			
	(a) Commercial Bank		Nos.	196
	(b) rural Bank Products		Nos.	50
	(c) Co-Operative bank products		Nos.	47
	(d) PLDB Branches		Nos.	53
	(IX) Education			

	(a) Primary school		Nos.	1481
	(b) Middle schools		Nos.	429
	(c) Secondary & senior secondary schools		Nos.	311
	(d) Colleges (including Govt, Private, Arts & Science, Engg, Medical and Polytechnic Colleges)		Nos.	92
	(e) Technical University		Nos.	01

2.1 Existing Status of Industrial Areas in the District Tirunelveli

S. No.	Name of Ind. Area	Land acquired (In hectare)	Land developed (In hectare)	Prevailing Rate Per Sqm (In Rs.)	No. of		Allotted		No of Vacant		No. of Units in Production
					Plots	Sheds	Plots	Sheds	Plots	Sheds	
1	Pettai, (G) Tirunelveli	50.55 Acre	50.55 Acre	12328300/- Acre (Land cost for the year 2009-10)	18	56	18	56	0		71
2	Kadayanallur	10.00 Acre	10.00 Acre	626200/-Acre Land cost for the year 2009-10)	13	10	08	04	05	06	07
3	Valliyoor	39.91 Acre	39.91 Acre	3762800/- Acre(Rentative land cost for the year 2011-12	124	-	114	-	10	-	20
	Total	100.46 Acre	100.46 Acre		155	66	140	60	15	06	98

Source:-

Tirunelveli Industrial estate was established in 1959 by the Government of Tamilnadu. Kadayanallur Estate was established in the year of 1 (1992 by SIDCO. Valliyoor Industrial Estate (I) was established during 2005 and Valliyoor

(II) is under implementation. Apart from these an Industrial Estate in Kurukkalpatti, Melaneelithanallur Development Block and one

more at Ponnakudi in Nanguneri Development Block are proposed to set up and proposal is being sent for the approval of Government of India.

IT PARK AT TIRUNELVELI

IT Park for Tirunelveli District is being set up Gangaikondan ,above about 20KM north of Tirunelveli city in Tirunelveli-Madurai NH-7. IT Park is formed in a total extent of 500 acres of land. An area of 390 acres has been allotted to IT/ITES industries.

Social infra-structures such as schools, hotels, hospitals, Mall, Club and residential area formed in 110 acres.

An extent of 100 acres has already been approved as IT specific SEZ. Applications are invited from IT/ITES Companies which have a clear roadmap for Export based business for allotment of land in the above mentioned IT Park / SEZ promoted by Government of Tamil Nadu through ELCOT (A Government of Tamil Nadu Undertaking). Electronic Manufacturing Companies with an export agenda may also apply. ELCOT has set a standard that its IT Parks will have a six lane roads inside. The IT Parks have been designed with an international eco system such as quality housing, hotel, school, shopping mall, helipad etc. Application should be accompanied by a statement in a prescribed format.

The Global I.T Destination

Tirunelveli

Oxford of South India

[illegible]

SPECIAL ECONOMIC ZONE AT TIRUNELVELI

Abutting National Highways 7, with the Western Ghats as a picturesque background, the SEZ is spread over 2500 Acres in Nanguneri Taluk of Tirunelveli District of Tamil Nadu, which is about 30 KM away from Tirunelveli City. The Special Economic zone has been designed to provide SEZ IT Parks, Manufacturing units, Residential apartments, plots, water treatment, sewerage treatment plants, un-interrupted power supply and all other amenities that would certainly make all the leading construction companies erect their stump.

This Special economic zone is a self-sufficient industrial township, wherein, a sound infrastructural framework supports production operations, where global connectivity ensures optimal business growth and where can enjoy the pleasures of modern day living in the serene ambience of nature.

- 6.Products manufactured : Calcite powder, Textiles, Burnt lime,
Industrial Oxygen and Bottling unit
7. Area allotted for ELCOT for setting up
IT Park : 400 Acres



INDUSTRIAL SCENARIO OF TIRUNELVELI DISTRICT

3.1 Industry at a Glance

Sr No	Head	Unit	Particulars
1.	REGISTERED INDUSTRIAL UNIT	NO.	16672
2.	TOTAL INDUSTRIAL UNIT	NO.	41500
3.	REGISTERED MEDIUM & LARGE UNIT	NO.	42
4.	ESTIMATED AVG. NO. OF DAILY WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	NO.	7
5.	EMPLOYMENT IN LARGE AND MEDIUM INDUSTRIES	NO.	20
6.	NO. OF INDUSTRIAL AREA	NO.	6
7.	TURNOVER OF SMALL SCALE IND.	IN LACS	20 lakh
8.	TURNOVER OF MEDIUM & LARGE SCALE INDUSTRIES	IN LACS	75 Cr

Industry Category	2006
Food Products	1351
Beverages, tobacco and tobacco products	138
Cotton Textiles	316
Wool, Silk and Synthetic fibre	5
Jute, Hemp and Mesta products	328
Hosiery & Ready Made Garments	3922
Wood and wooden products	553
Paper and paper products	682
Leather and fur products	241

Rubber and plastic products	464
Chemicals and chemical products	1089
Non-metallic and mineral products	660
Basic metals and Alloy industries	82
Metal products and parts	636
Machinery and parts (except electrical)	665
Electrical machinery and apparatus	143
Transport equipment and parts	109
Other manufacturing industries	3417
TOTAL	14801

**BLOCK WISE DETAILS OF PERMANENTLY REGISTERED /
ENTREPRENEUR MEMORANDUM FILED ENTERPRISES IN RESPECT OF
DISTRICT INDUSTRIES CENTRE – TIRUNELVELI AS ON 31.07.2008.**

		Details of Enterprises in each block			
S.no	Name of the block	Total No. of PMT / Final MSMEs Units registered from inception up to 31.07.2008	Land & Building (Rs.in Lakhs)	Plant & Machinery (Rs.in Lakhs)	Employment Generated
1	Ambasamudram	1010	631.49	490.00	5599
2	Alangulam	533	407.00	330.00	1880
3	Cheranmadevi	311	243.80	200.00	1410
4	Kalakad	302	242.90	300	1195
5	Kuruvikulam	699	196.00	520.00	4260
6	Keelapavoor	848	206.18	987.00	3740
7	Kadayam	332	466.55	160.00	1860
8	Kadayanallur	541	244.00	390	2275
9	Meelaneelitha Nallur	319	1694.77	210.00	1485
10	Manur	2080	228.00	2220.00	8551

11	Nanguneri	475	220.00	313.00	1745
12	Pappakudi	363	3220.00	200.00	2485
13	Palayamkottai	3114	764.00	1268.00	17409
14	Radhapuram	573	446.83	590	2126
15	Shencottai	1160	909.05	720.00	6416
16	Sankarankovil	1207	1712.48	823.00	6550
17	Tenkasi	986	1050.24	880.00	4126
18	Vasudevanallur	943	594.34	410.00	2899
19	Valliyoor	876	926.00	1430.00	2555
TOTAL		16672	14403.63	12441	78566

Block-wise Registered SSI Units as on 31.3.2001 in Tirunelveli District

Sl. No.	Name of the Block	No. of SSI Units Registered	Investment in (Rs.in 000')			Employment (Persons)
			Land & Building	Plant & Machinery	Total	
1	2	3	4	5	6	7
1	Ambasamudram	707	289.60	187.09	476.69	4735
2	Alangulam	434	247.93	176.39	424.32	1458
3	Cheranmadevi	193	82.97	53.15	136.12	1405
4	Kalakad	211	79.99	157.80	237.79	1845
5	Kuruvikulam	478	317.74	294.47	612.21	3115
6	Keelapavoor	721	541.72	475.61	1017.33	3285
7	Kadayam	194	90.01	59.48	149.49	1499
8	Kadayanallur	423	279.95	226.99	506.94	1823
9	Malaneelithanallur	225	122.81	111.66	234.47	1118

10	Manur	1913	1673.47	1721.75	3395.22	7817
11	Nanguneri	293	106.83	217.60	324.43	1282
12	Pappakudi	317	152.85	132.60	285.45	2242
13	Palayamkottai	1978	1081.63	966.27	2047.90	14415
14	Radhapuram	272	119.80	109.29	229.09	1024
15	Shencottah	352	265.75	269.85	535.60	1698
16	Sankarankoil	834	610.47	636.02	1246.49	5402
17	Tenkasi	752	607.20	1877.88	2485.08	3466
18	Vasudevanallur	597	297.74	236.32	534.06	2063
19	Valliyoor	688	810.76	665.73	1476.49	1918
	Total	11582	7779.22	8575.95	16355.17	61610

Source: General Manager, District Industries Centre, Tirunelveli.

OVERVIEW OF THE INDUSTRIAL SCENARIO

- Limestone is the major mineral available in Rastha, Thalaiyoothu,
- Sankarnagar & Padmaneri.
- Limestone available here contains calcium oxide (CaO) from 34.57% to 55.49 %, Magnesium oxide (MgO) from 0.31% to 7.24 %.
- Lime industries manufacturing raw lime powder, burnt lime and Cem
- powder numbering about 65 are available in Manur block.
- Red Garnet sands and ilmenite are available in the river beds of
- Nambiyar, as well as in
- Seashore lands of Radhapuram Taluk.
- Garnet sand & Abrasives, are separated and exported.
- There are 25 numbers of medium and major industries functioning.
- Major products are Cement, Cotton yarn, Sugar, Cotton seed oil,
- Printing
- paper and Flour products

COTTAGE AND HANDICRAFT INDUSTRY

- Handloom, Mat weaving, Basket making, Palmirah products, Poultry.
- Country bricks, Tiles making, Blacksmithing, Carpentry
- Metal and allied works, Terracota products.
- Lacquerware and Wet Grinding Stone

POTENTIAL NON-FARM SECTOR TYPE OF INDUSTRIES IN TIRUNELVELI DISTRICT

Category	Type of Industries
Raw material based	Agro Processing activities, Horticulture based activities, Cotton textiles, Dairy and wood based
Demand based	Sari weaving, Tourism related, Readymade garments, Milk Chilling and processing etc.,
Skill based	Cotton & Silk weaving, Lacquerware, Brass items, Brick making etc.,
Export oriented	Herbal products and fruit processing & fresh organic fruits, Coconut based products
Rural Artisans	Village Industry, Rope making, Imitation Jewellery, Hand made papers etc.,

3.2 YEAR WISE TREND OF UNITS REGISTERED

Industry Group-wise/Year-wise Registered SSI units in Tirunelveli District

Indl. Code	Industry Group	No. of Registered SSI units as on 31 st March of										
		1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13
20 - 21	Food Products	576	538	623	625	652	752	854	991	1060	1090	1159
22	Beverages, Tobacco Products	79	75	78	110	122	123	125	132	132	132	113
23	Cotton Textiles	111	117	137	33	57	127	196	230	253	293	297
24	Wool, Silk, Synthetic, Fiber Textile	22	23	26	16	0	0	0	0	0	0	2
25	Jute, Hemp & Mesta Products	1	1	1	0	0	0	0	0	0	0	0

26	Hosiery & Readymade Garments	153	152	434	430	629	938	130 2	164 4	214 0	2651	2967
27	Wood & Wood Products	246	238	263	240	260	285	310	349	385	422	476
28	Paper & Paper Products	297	294	314	440	463	477	500	519	533	550	573
29	Leather Finished Products	74	81	98	103	130	155	164	166	182	194	203
30	Rubber & Plastic Products	119	116	141	275	302	313	343	356	370	381	395
31	Chemical & Chemical Products	492	387	433	491	513	525	547	582	620	664	706
32	Non-Metallic Mineral Products	306	304	355	400	418	439	460	482	511	542	559
33	Basic Metal Products	40	40	44	24	4	5	6	43	55	64	67

34	Metal Products & Parts	451	412	456	480	500	516	545	557	579	606	611
35	Machinery and Parts except Electrical	165	160	205	450	474	514	535	581	605	627	653
36	Electrical Machinery Apparatus	222	243	332	264	38	38	38	39	33	37	148
37	Transport Equipments & parts	181	217	436	316	11	17	18	19	19	19	117
38	Misc Manf. Industries	115	122	213	602	1505	1745	1918	2059	2242	2340	2536
	Total	3650	3520	4589	5299	6078	6969	7861	8749	9719	10612	11582

Source: Directorate of Industries and Commerce, Chennai

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

NIC CODE NO.	TYPE OF INDUSTRY	NUMBER OF UNITS
20	Agro based	84
22	Soda water	8
23	Cotton textile	65
24.	Woolen, silk & artificial Thread based clothes.	-
25.	Jute & jute based	-
26.	Ready-made garments & embroidery	56
27.	Wood/wooden based furniture	47
28.	Paper & Paper products	20
29.	Leather based	8
31.	Chemical/Chemical based	20
30.	Rubber, Plastic & petro based	8
32.	Mineral based	133
33.	Metal based (Steel Fab.)	32
35.	Engineering units	13
36.	Electrical machinery and transport equipment	42
97.	Repairing & servicing	98

01.	Others	224
	Kachori Making	-

3.4 Large Scale Industries / Public Sector undertakings

List of the units in Tirunelveli & Near By Area

1. Kudankulam Atomic Power Project (Public sector)
2. India Cements , Thalaiyuthu

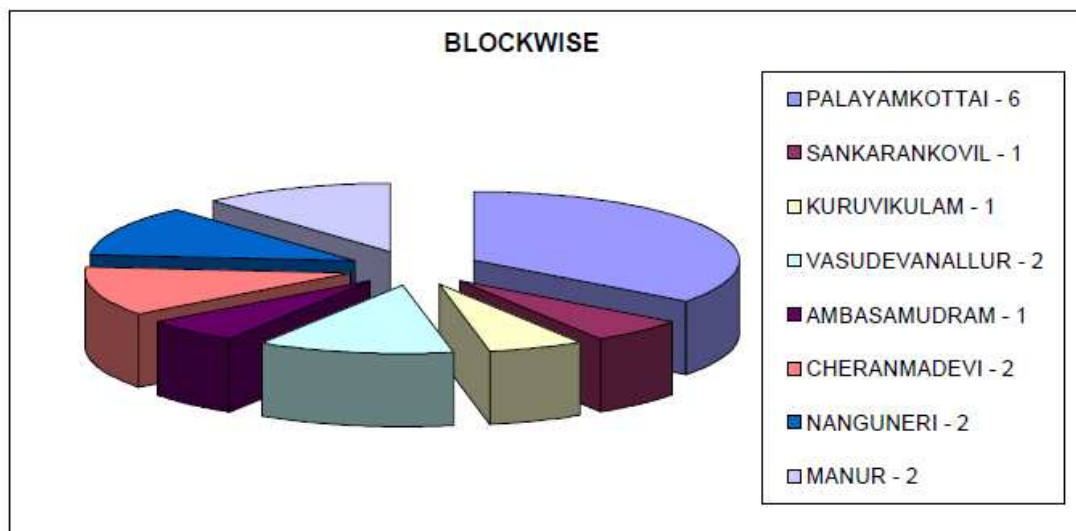
LARGE AND MEDIUM SCALE INDUSTRIES

S. NO	Name and Address	Block	Product	Investment in Machinery (Rs in lakhs)	Employment	Production Capacity
01	The India Cements Sankarnagar, Tirunelveli	Palayamkottai	Cement	15240.66	1409	10,00,000 MT
02	Tamilnadu Jai Bharath Mills Ltd Malayankulam Village Chidambarapuram, Sankarankoil	Kuruvikulam	Cotton yarn	2745.49	562	33500 MT
03	Sun Paper Mills Ltd P.B. No.2, Mukkudal, Cheranmahadevi	Cheranmadai	News Paper print	2532.05	671	22000 TONS
04	Syed Cotton Mills Ltd 4G, II Floor, Salai St, Sindhupoondurai, Tirunelveli	Nanguneri	Cotton Yarn	262.56	211	1500 MT
05	Sundaram Textiles Ltd Nambinagar, Nanguneri Post	Nanguneri	Cotton Yarn	112.7	529	2500 MT
06	Sivakumar Spinning Mills (P) Ltd Sankarnagar, Tirunelveli	Palayamkottai	Cotton Yarn	60.00	150	450 MT

S. NO.	Name and Address	Block	Product	Investment in Machinery (Rs in lakhs)	Employment	Production Capacity
07	The Gomathi Mills 6, Shencottai Trunk Road Viravanallur, Tirunelveli	Cheramahadevi	Cotton Yarn	203.03	314	2200MT
08	Subburaj Spinning Mills (P) Ltd Sankarnagar, Tirunelveli	Palayamkottai	Cotton Yarn	884.62	231	2700 MT
09	Sri Ganapathy Mills Company Ltd Sankarnagar, Tirunelveli	Palayamkottai	Cotton Yarn	1591.34	520	4955 MT
10	Kovilpatti Lakshmi Roller Flour Mills Ltd, 75/8 Benares cape Road, Gangaikondan,	Manur	Wheat Flour	2409.75	560	42000 MT
11	Dharani Sugars and Chemicals Ltd Dharaninagar, Athuvazhi,	Vasudevanallur	Sugar	1392.89	323	43200 MT
12	Sankar Spinning Mills (P) Ltd 210 Madurai Road Sankarnagar, Tirunelveli	Palayamkottai	Cotton Yarn	44.81	151	650 MT

13	Madura Coats Ltd Papanasam Mills Post Ambasamudram	Ambasamudram	Cotton Yarn	3366.00	3716	8583.8 TONS 329 LACK
14	Natural Cotton Spinning Mills (P) Ltd Pettai, Tenkasi Road, Tirunelveli	Palayamkottai	Cotton Yarn	1000	450	22000 MT
15	KLRF Textiles 75/8 Benares cape Road, Gangaikondan, Tirunelveli	Manur	Cotton Yarn	87	345	24000 MT
16	Arumuga Textile Exporters Pulianudi, Tirunelveli	Vasudevanallur	Weaving of gauze cloth for bandage	126.33	150	6000000MT S
17	Geethanjaly Mills Ltd, Post box – 6 Sankarankoil 627 756	Sankarankoil	Cotton Yarn	423.00	292	31000MT

BLOCKWISE AND SECTOR WISE ANALYSIS



PROPOSED LARGE SCALE PROJECTS IN TIRUNELVELI DISTRICT

Sl. No	Name of the unit	Line of Activity	Proposed value of Plant and Machinery (Rs in Crores)
1	M/s. N.M.Tyres SIPCOT Industrial Growth centre, Gangaikondan	Manufacturing Tyres and Tubes	315
2	M/s.Season Infrastructure (P)ltd. Ambasamudram	Clay Brick Manufacturing (Fully Automatic)	12
3	M/s. Hira Industries Ltd., Kulayaneri, Tenkasi	Generation of Electrical Energy	28.6
4	M/s. R.R.Ispat Ltd. Kulayaneri, Tenkasi	Generation of Electrical Energy	28.6
5	M/s. Madura Coats (P)Ltd, Ambasamudram	Manufacturing of Synthetic filament yarn	57.8
6	M/s. Sundaram Textiles Nanguneri	Cotton Yarn	43.63

3.5 Major Exportable Item

Cement, handicraft items, coir products, granite

- Coir pith block/ Coir Products
- Processed Gherkins
- Cashew products
- Readymade Garments
- Terry Towels and Lungies

- Herbal Products
- Ornamental Wooden Products

3.6 Growth Trend

3.7 Vendorisation / Ancillarisation of the Indus

Wind mills, Textile based industries and Sugar Mill,

3.8. Medium Scale Enterprises

Total Number of Medium Scale units in this district is 30

3.8.1 List of the units in ----- & Near By Area

-

3.8.2 Major Exportable Item

Cement, handicraft items, coir products,

- Coir pith block/ Coir Products
- Processed Gherkins
- Cashew products
- Readymade Garments
- Terry Towels and Lungies
- Herbal Products
- Ornamental Wooden Products

3.9 Service Enterprises

educational instructions ,web site developing, two-4 wheelers servicing and repairing, tutorial, BPO, private telephone, Marriage Bureaus, electric and electronic goods servicing and repairing, Travel Agency, Gas Agency, Construction consultancy, Marriage items hiring, Industrial Testing Labs. Advertising Agencies. Marketing Consultancy. Typing Centres. Desk Top Publishing. Internet Browsing/Setting up of Cyber Café Auto Repairs, Services, Garages, Laundry & Dry , X-Ray clinic. Cleaning. Animal dispensary, Servicing of Agri. Farm equipment e.g. Tractor, Pump, Rig, Boring Machines etc, Weigh

Bridge. Blue Printing and enlargement of drawing/designs facilities., ISD/STD Booths. EDP Institutes established by Voluntary Associations/Non-Govt. Organisations, Installation and Operation of Cable TV Network. Beauty Parlours and Creches.

3.9.2 Potentials areas for service industry

BOP, Hotel, Hospitality enterprises, Hospital, IT enabled, , Commercial Advertising, industrial Laundry , Tailoring., Pathological lab, integrated diagnostic centre, Beauty Parlours and Creches. fitness centre for men and women, Ladies and gents Hostel , House Keeping and Office and equipment maintenance , Hygienic Broiler (Beef), chicken, Mutton shop, Interior decoration, Industrial design and layout making. Logistic centre, Office Automation, Parcel servicing and private carrier, upholstery , Power System maintenance, Manpower agency, Weighing bridge repairing and maintenance, digital printing, Embroidering and chamki work , repacking of agriculture produce,.

3.10 Potential for new MSMEs

Acutrim	Fabrication,
Agriculture equipment servicing and repairing	Fast Food Stall
Aquaculture feed	Fitness Centre
Battery recharging and reconditioning	Glass engraving
Bio fertilizer	Hospital equipments and accessories
Bio-fertilizer from agricultural waste	Hospital waste recycling unit
Bore well and rig servicing and repairing	House Keeping and Office and equipment maintenance
Boutique	Improved agriculture implements
Brass and Copper bushes	Industrial valves
Digital printing and Composing	
Electronic Dial Gauge Calibration Testing centre	Jasmine Oil extraction, Belts & Conveyer
Fabrication and machining, Light	Khraft paper

Engineering	
Browsing, TDP cum photo copying, lamination centre	
CADCAM Cen	Latex Foam Sponge and Rubber Cushion Seats
Coir fibre, Coconut pith and coir briquettes	LED based products
Coir mat and mattress	Vermi composing
Coir pith blocks	Wafer Cream Biscuits
components and parts thereof	Waste paper recycling – mini project
Computer centre	Water purifier plant
Concrete mixing & vibrating equipment rental service	Welding electrodes
Cookies and nudels making	White & colour chem.
Corrugated Sheets & Boxes	
Legacy products with brand image	
Liquid Detergent, Aromatic Essence and Textile Auxiliaries Aromatic Oils of Palmarosa, Tulasi, Sofia	
MCP/ Isolators and capacitors	
Medicated tissue paper and sanitary napkins	
Medicinal plant extraction	
Microscope-student and medical use.	
Mini tool rooms for die making	
Multi purpose diagnostic centre	
Natural dying and natural fiber based textile products	
Non oven fabrics	

Nut and bolts high density	
Poultry equipments	
Printed circuit board assembling using surface mount technology,	
Readymade garment – male, female- kids wear, school uniform ,	
Refractory items	
Rice Bran Oil	
Rubber auto components	
Rural BPO	
Safety match industry	
Small Springs	
solar lamps and other solar products,	
Soloar power plant	
Stainless Steel Fabrication	
Surgical cotton	

4. Existing Clusters of Micro & Small Enterprises

4.1 DETAIL OF MAJOR CLUSTERS:

Cluster approach is emerged as one of the milestone in the industrial development of the country. Tirunelveli district is also running fast alongwith others in case of Cluster Development. There are three clusters under implementation in the district.

☀ Tirunelveli needs to focus on the following industries that can be a thriving cluster:

a) IT & ITES : Infrastructure and Economics compel

- 1) This sun rise industry has large scope in Tirunelveli with GoTn's focus on Tier-III cities along with the educational infrastructure advantages of Tirunelveli
- 2) Operational costs of basing an IT unit in Tirunelveli is 80% of the cost in a Tier-I city

b) Minerals Processing: Huge potential

- 1) Tirunelveli is already a mineral processing cluster. Scope exists for more value added manufacturing.
- 2) Better road and rail connectivity to Tuticorin port required

c) Incentivising the micro clusters: to become

large scale clusters:

(The micro clusters at Kalakaadu for banana fibre products,

Ambasamudram for brassware,

Sankarankoil for rice mills,

pathamadai and veeranallur for mats could be incentivised

to let the entrepreneurs to scale up creating more jobs) ~ micro

finance model

~ **IT/ITES**

~ **Mineral processing and manufacturing (e.g. cement plants)**

~ **Scaling up of existing micro clusters**

Major Activities/Clusters

Activity	Major Centers	Predominant Blocks
1. Beedi	Alangulam, Melapalayam, Mukkudal (Spread through out the district)	Alangulam, Palayamkottai, Ambasamudram, Cheranmahadevi, Kalakadu
2. Mat Weaving (Handlooms)	Pattamadai, Nalattinputhur, Arikesavanallur	Cheranmahadevi, Ambasamudram
3. Matches	Kuruvikulam, Nalattinputhur	Kuruvikulam
4. Powerlooms	Sankarankovil, Puliangudi	Sankarankovil, Vasudevanallur
5. Rice mills	Alangulam, keelapavoor	Alangulam
6. Sericulture	Tenkasi	Tenkasi
7. Brick/Tile works	Karukurichi, Keelapavoor, Kalakadu	Ambasamudram, Tenkasi, Kalakadu
8. Brass works	Vagaikulam	Ambasamudram
9. Handlooms	Kadayanallur, Idaikal	Ambasamudram
10.Coir based industries	Tenkasi, Courtallam	Tenkasi
11.Blue metal	Thalayuthu, Alangulam, Ramayanpettai	Alangulam
12.Oil Mills	Alangulam	Alangulam
13.Pottery	Karukurichi, kuniyur	Cheranmahadevi
14.Palm Tapers	Radhapuram, Sankarankoil, Pappakudi, Valliyur	Radhapuram, Sankarankoil, Valliyur.
Lime	Sangarnar	

1. Bricks cluster: Bricks cluster is artisan type moderate cluster covers about 50members of micro and small producers of Sankarankovil and vasudevanallur Development Blocks. Annual Production of these units are estimated as Rsw.6.0 Crore and expects to provide employment to about 3000 people of this industrial backward area. It is proposed to install the Vertical Shaft Bricks Kiln (VSBK) in four places, say, Duraisamiapuram & Puliangudi in Vasudevallur Block and Kuvalaikanni & Kandigaiperi in Sankarankovil Block. Each CFC centre will have two bricks making machine,which will make about 20,000 Bricks every day in full capacity utilization. Each CFC Centre will have one VSBK, which can fire about 10000 bricks every day. Total project cost is Rs.227.29 crore out of which Government of India contributes Rs.123.54 Cr. Indian Banks supports this project. One CFC at Duraisamiapuram is all set to commission soon. The project is implemented by Sri Ganga seva Sangam, Duraisamiapuram, Tirunelveli-Dist.

2. Rice Mill Cluster Keelapavoor:

It is a moderate cluster , about 100 modern rice mills are functioning in Alangulam and Keelapavoor Development Blocks. Investment ranges from Rs.15 lakh to Rs.2.0 Crore in these units. Annual Production from these units are about Rs. 260 Cr and provides employment to 2500 people. Saral Agro Products Pvt Ltd Keelapavoor , which is the implementing agency of the project proposed to manufacture Rice Bran Oil from the waste material of member rice mills .Total project cost 690.58 lakh out of which Government of India's contribution is Rs. 466.03 lakh. The building construction work is almost completed. Canara Bank supports this project.

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3. Rice Mill Cluster, Alangulam: This cluster is proposed and implemented by Thamiraparani Rive Mill Cluster Pvt Ltd Alangulam. Total Project cost is 988.48 lakh out of which Government of India's Contribution is Rs.691.94 Lakhs. Government of India Sought some clarification from SIDBI. This project is supported by Tamilnadu Mercantile Bank Ltd.

4.1 Details for Identified cluster

4.2.1 Name of the cluster- Rice Mill Cluster Keelapavoor

1	Principal Products Manufactured in the Cluster	Rice Mill
2	Name of the SPV	Saaral Agro Products P. Ltd.,
3	No. of functional units in the clusters	163
4	Turnover of the Clusters	1575 Cr
5	Value of Exports from the Clusters	10 Cr
6	Employment in Cluster	3720
7	Average investment in plant & Machinery	20 lakh
8	Major Issues / requirement	Technology intervention Modernization
9	Presence of capable institutions	MSME-DI, DIC, Engineering College, Agriculture extension centre,
10	Thrust Areas	Agro based
11	Problems & constraints	Product diversification, wastage minimization, energy savings.

Present status of the cluster :-

4.1.2 Name of the cluster

1	Principal Products Manufactured in the Cluster	Brick
2	Name of the SPV	M/s Gaganga Seva sang,
3	No. of functional units in the clusters	125
4	Turnover of the Clusters	125
5	Value of Exports from the Clusters	-
6	Employment in Cluster	2500
7	Average investment in plant & Machinery	2 lakh
8	Testing needs	Product testing , Stress testing,
9	Thrust Area	Product diversification, value chain Improvement -
10	Access to Export Market	good

Present status of clusters:-

- CFC for Rice Mill cluster, Keelapavoor is under construction.
- CFC of Brick cluster, Duraisamiyapuram, Kuvalaikkanni are under construction.

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5. General issues raised by industry association during the course of meeting

SUGGESTIVE POINTS TO INCREASE THE INDUSTRIAL GROWTH

- ❖ The banks may assess the working capital requirement of the units liberally. Timely sanction of the adequate working capital limits to the MSMEs is essential for their financial health.
 - ❖ Banks may grant working capital loans to Handloom and Power loom units, Artisans, Self employed persons etc, under a flexible system.
 - ❖ Exposure visits to the intending entrepreneurs, workshops for Micro, village and Village Small enterprises to meet out the dynamic market requirements may be organised.
 - ❖ Services of consultants and specialists in market research and market information analysis are to be made available in this District for further growth.
 - ❖ Entrepreneurial interest of the first generation aspiring industrialist is to be kindled through RGUMY.
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***. STEPS TO SET UP MSMEs**

8. STEPS TO SET UP MSMEs

18 STEPS TO START INDUSTRY	
1.	DECISION TO BE AN ENTREPRENEUR
2.	PRODUCT SELECTION/TECHNOLOGY
3.	LOCATION OF THE UNIT
4.	TYPE OF THE ORGANISATION
5.	PROJECT REPORT PREPARATION
6.	ARRANGMENT OF FINANCE
7.	STATUTORY LICENCES AND REGISTRATION
8.	LAND AND BUILDING
9.	PURCHASE OF MACHINERY
10.	POWER CONNECTION AND WATER SUPPLY
11.	INSTALLATION OF MACHINERY
12.	MANPOWER
13.	RAW MATERIAL PROCUREMENT
14.	PRODUCTION
15.	COSTING AND PRICING
16.	MARKETING
17.	SALES
18.	PROFIT



Following are the brief description of different agencies for rendering assistance to the entrepreneurs.

S.No	Type of assistance	Name and address of agencies
1.	Provisional Registration Certificate (EM-1) & Permanent Registration Certificate (EM-II)	<p>District Industries Centre, St. Thomas Road, Palayam kottai, Tirunelveli-627011 Ph: 04622572384 Online & off line)</p> <p>Br.MSME DI (CFSC), Pettai, Tirunelveli-627010 Ph.04622342137 (online only)</p> <p>NELSTIA, Tower Complex - II, Murugankurichi, Tirunelveli-627002(on line only)</p>
2.	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.	<p>District Industries Centre, St. Thomas Road, Palayam kottai, Tirunelveli-627011 Ph: 04622572384</p> <p>Br.MSME DI (CFSC), Pettai, Tirunelveli-627010 Ph.04622342137</p>
3.	Land and Industrial shed	SIDCO, Industrial Estate, Pettai, Tirunelveli-627010 4622342073
4.	Financial Assistance	Commercial Banks and other financial Institution like TIIC, THADCO etc
5.	For raw materials under Govt. Supply	SIDCO, Industrial Estate, Pettai, Tirunelveli-627010 4622342073
6.	Plant and machinery under hire / purchase basis.	NSIC, 14, first street, Harvey Nagar, Arasaradi, Madurai-625016

		04522609992
7.	Power/ Electricity	Concern Divisional Engineer or Superintending Engineer, TNEB, Maharajanagar, Tirunelveli-627002
8.	Technical Know –how.	MSME DI , GST Road, Guindy, Chennai-600032 Ph. 04422501011-13 District Industries Centre, St. Thomas Road, Palayam kottai, Tirunelveli-627011 Ph: 04622572384 Br.MSME DI (CFSC), Pettai, Tirunelveli-627010 Ph.04622342137
9.	Quality & Standard	Bureau of Indian Standard, CIT Campus, IV Cross Road, Chennai-600113 04422541442
10.	Marketing /Export Assistance	MSME DI , GST Road, Guindy, Chennai-600032 Ph. 04422501011-13 District Industries Centre, St. Thomas Road, Palayam kottai, Tirunelveli-627011 Ph: 04622572384 Br.MSME DI (CFSC), Pettai, Tirunelveli-627010 Ph.04622342137
11.	Other Promotional Agencies	KVIC, KVIB ,NELSTIA, CII (Tirunelveli Chapter), etc.,