



Government of India
Ministry of MSME

Brief Industrial Profile of Thiruvananthapuram District



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

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Brief Industrial Profile of Thiruvananthapuram District

1. General Characteristics of the District

1.1 Location & Geographical Area.

Thiruvananthapuram district is situated between north latitudes 8° 17' and 8° 54' and east longitudes 76° 41' and 77° 17'. The southern most extremity, 'Parasala', is 56 kms away from Kanyakumari, the "land's end of India". The district stretches along the shores of the Arabian sea for a distance of 78 kms.

District boundaries are:

East	:	Thirunalveli District, Tamilnadu.
South	:	Kanyakumari District, Tamilnadu
West	:	The Arabian Sea.
North	:	Kollam District.
District Area	:	2192 km ² .
Taluks	:	4.
Villages	:	116.
Main Towns	:	Thiruvananthapuram City, Neyyattinkara, Nedumangad, Attingal, Varkala.
Population	:	3234356(as per 2001 census).

The district is situated between North latitudes at 8.17° & 8.54° and East longitudes 76.41° & 77.17°. The southern most extremity, Parassala is just 54 km away from the Southern Peninsular tip of India, Cape Comorin (Kanya Kumari). The district stretches 78 km along the shores of the Arabian Sea on the West, Kollam district lies on the North with Tirunelveli and Kanyakumari districts of Tamil Nadu on the East and South respectively.

1.2 Topography

The district can be divided in to three geographical regions, Highlands, Midlands, and Lowlands. Chirayinkeezhu, and Thiruvananthapuram Taluks lies on the midland and lowland regions, while the Nedumangad Taluk lies in the midland and highland regions, and the Neyyattinkara Taluk stretches over all the three regions.

1.3 Availability of Minerals.

; PRODUCTION OF MINERAL 2010-11

S.NO.	NAME OF MINERAL	PRODUCTION in tones 2009-2010
MAJOR MINERAL		
1.	China Clay	959112
2	Lime Shell	63
MINOR		
1	Laterite	7543
2	Granite Building Stone	950817
3	Sand	541394
4	Granite Dimension Stone	869 Cubic meter
5	Brick clay	140548
6	Aluminum Laterite	318

S.NO.	NAME OF MINERAL	PRODUCTION 2010-2011
MAJOR MINERAL		
1.	China Clay /Ilmanite /Rutile/Zircon /Sillimanite /Silica Sand /Limeshell/Sea shell /Lime stone /Bauxite/Laterite /Quartz /Graphite	Rs.16736249/- revenue collection 2009-10
MINOR		
1.	. GBS ,GDS, Laterite ,Lime shell/Sea shell Brick Clay Ordinary Sand River Sand	Rs.18114177/- revenue collection 2009-10

1.4 FOREST

Thiruvananthapuram district has a reserve forest area of 495.145 sq. kms and vested forest area of 3.534 sq. kms spreading over three ranges, viz., the Kulathupuzha range in the north, Palode range in the middle and the Paruthipalli range in the south. These forests may be broadly classified into three categories, namely, (a) southern tropical wet ever green forests, (b) southern tropical and semi ever green forests and (c) southern tropical moist deciduous forests.

Name of District	Geographic area	Forest cover Area in Sq.Km				Percent to GA
		Very Dense	Moderate Dense	Open forest	Total	
Thiruvananthapuram	2192	55	826	469	1350	61.50

1.5 Administrative set up.

Administrative Units	
Taluks	4 – Chirayinkeezhu, Nedumangadu, Neyyattinkara, Thiruvananthapuram.
Villages	120
Grama Panchayats	78
Block Panchayats	12
District Panchayat Constituencies	26
Municipalities	4 – Neyyattinkara, Nedumangadu, Varkala, Attingal
Municipal Corporations	1 – Thiruvananthapuram Corporation
Lok Sabha Seats	2 – Thiruvananthapuram and Chirayinkeezhu
Niyama Sabha Seats	14
Educational Districts	3- Thiruvananthapuram, Attingal, Neyyattinkara

2. District at a glance

S.No	Particular	Year	Unit	Statistics
1	Geographical features			
(A)	Geographical Data			
	i) Latitude			north latitudes 8° 17' and 8° 54'
	ii) Longitude			east longitudes 76° 41' and 77° 17'
	iii) Geographical Area		Square Kilometres	2192 Square Kilometres (846 sq mi)
(B)	Administrative Units			
	i) Sub divisions			
	ii) Tehsils		No.	1
	iii) Sub-Tehsil			
	iv) Patwar Circle			
	v) Panchayat Simitis			
	vi)Nagar nigam			1
	vii) Nagar Palika			4
	viii) Gram Panchayats			78
	xi) Revenue villages			120
	x) Assembly Area			14
2.	Population			
(A)	Sex-wise			
	i) Male	2011	No.	15,84,200
	ii) Female	2011	No.	17,23,084
(B)	Rural Population	2011	No.	17,79,254
3.	Agriculture			
A.	Land utilization			
	i) Total Area	2010-11	Hectare	218781
	ii) Forest cover	2010-11	"	49861
	iii) Non Agriculture Land	2010-11	"	20328
	v) cultivable Barren land(cultivable waste)	2010-11	"	564
4.	Forest			
	(i) Forest	2010-11	Ha.	49861

5.	Livestock & Poultry			
A.	Cattle	2007		
	i) Cows	2007	Nos.	148385
	ii) Buffaloes	2007	Nos.	2755
B.	Other livestock			
	i) Goats	2007	Nos.	188612
	ii) Pigs	2007	Nos.	1528
	iii) Dogs & Bitches	2007	Nos.	NA
	iv) Railways			
	i) Length of rail line	2010-11	Kms	82
	V) Roads			
	(a) National Highway	2010-11	Kms	50
	(b) State Highway	2010-11	Kms	180.36
	(c) Main District Highway	2010-11	Kms	1471.942
	(d) Other district & Rural Roads	2010-11	Kms	0
	(e) Rural road/ Agriculture Marketing Board Roads	2010-11	Kms	0
	(f) Kachacha Road	2010-11	Kms	NA
	(VI) Communication			
	(a) Telephone connection	2010-11		
	(b) Post offices	2010-11	Nos.	414
	(c) Telephone center	2010-11	Nos.	96
	(d) Density of Telephone	2010-11	Nos./1000 person	320.47
	(e) Density of Telephone	2010-11	No. per KM.	473
	(f) PCO Rural	2010-11	No.	
	(g) PCO STD	2010-11	No.	
	(h) Mobile	2010-11	No.	
	(VII) Public Health			
	(a) Allopathic Hospital	2010-11	No.	9
	(b) Beds in Allopathic hospitals		No.	2292
	(c) Ayurvedic Hospital		No.	14

(d) Beds in Ayurvedic hospitals	No.	305
(e) Unani hospitals	No.	
(f) Community health centers	No.	23
(g) Primary health centers	No.	69
(h) Dispensaries	No.	
(i) Sub Health Centers	No.	
(j) Private hospitals	No.	
(VIII) Banking commercial		
(a) Commercial Bank	Nos.	440
(b) rural Bank Products	Nos.	16
(c) Co-Operative bank products	Nos.	na
(d) PLDB Branches	Nos.	na
(IX) Education		
(a) Primary school	Nos.	506
(b) Middle schools	Nos.	226
(c) Secondary & senior secondary schools	Nos.	257/164+41(V HSC)
(d) Colleges	Nos.	20
(e) Technical University (Eng. Colleges)	Nos.	24

2.1 Existing Status of Industrial Areas in the District Thiruvananthapuram

S. No.	Name of Ind. Area	Land acquired (In hectare)	Land developed (In hectare)	Prevailing Rate Per Sqm (In Rs.)	No of Plots	No of allotted Plots	No of Vacant Plots	No. of Units in Production
1	DA Veli	108 acres 63 cents 500 sq.links	88 acres 28 cents 500 sq. links	1491/-	174	174	--	146
2	DP Monvila	27 acres 53 cents	24 acres 69 cents	3035	45	45	--	37

Source:- DIC, TVM

3. INDUSTRIAL SCENERIO OF Thiruvananthapuram

3.1 Industry at a Glance

Sr No	Head	Unit	Particulars
1.	REGISTERED INDUSTRIAL UNIT	NO.	21963 SSI Reg. + MSME Part-2)
2.	TOTAL INDUSTRIAL UNIT	NO.	24922
3.	REGISTERED MEDIUM & LARGE UNIT	NO.	86
4.	ESTIMATED AVG. NO. OF DAILY WORKER EMPLOYED IN SMALL SCALE INDUSTRIES	NO.	6
5.	EMPLOYMENT IN LARGE AND MEDIUM INDUSTRIES	NO.	41465
6.	NO. OF INDUSTRIAL AREA	NO.	2
7.	TURNOVER OF SMALL SCALE IND.	IN LACS	
8.	TURNOVER OF MEDIUM & LARGE SCALE INDUSTRIES	IN LACS	

Source: DIC Thiruvananthapuram

Production and Capacity Utilisation in Government of India Companies Functioning in Thiruvananthapuram

Sl. No.	Name of Company	Name of Product	Unit	Installed capacity as	Production during		Capacity utilisation %	
				3/31/2010	3/31/2009	3/31/2010	3/31/2009	3/31/2010
1	2	3	4	6	7	8	9	10
1	Hindustan Latex Ltd.	1. Condom	MP	1316	1272.95	1319.75	96.73	100.28
		2. B. Bags	MP	9.63	6.85	8.21	137.00	85.25
		3. Saheli (Non Steroidal OCP)	MC	30	18.86	19.36	62.87	64.53
		4. Mala-D/N (Steroidal)	MP	98.66	58.76	57.60	59.56	58.38
		5. CU.T	MP	5.5	2.78	448.68	50.55	8157.82
		6. Pregnancy Test cards	MP	26	24.75	25.11	95.19	96.58
2	Travancore Titanium Products Ltd,	Titanium	MT	24500.00	7731.00	NA	31.56	NA

3.2 YEAR WISE TREND OF UNITS REGISTERED

	YEAR	NUMBER OF REGISTERED UNITS	EMPLOYMENT	INVESTMENT (lakh Rs.)
SSI Reg.	Upto 09/06	15730	77523	61266.65
MSME's upto	10/2006 to 31.3.2007	333	2792	2985.35
	2007-08	1076	9657	12108.71
	2008-09	1139	8306	5894.23
	2009-10	1410	9061	8322.71
	2010-11	1077	9725	5752.27
	2011-12	1198	7646	10153.43
	Total...	21963	124710	106483.35

Source: DIC Thiruvananthapuram

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	4994	7691	12509
22	Soda water	--	--	--
23	Cotton textile	--	--	--
24.	Woolen, Silk & Artificial Thread based clothes.	--	--	--
25.	Jute & Jute based	--	--	--
26.	Ready-made garments & embroidery	2495	8646	11598
27.	Wood/ Wooden based furniture	499	309	1434
28.	Paper & Paper products	250	621	711
29.	Leather based	--	--	--
31.	Chemical/Chemical based	--	--	--
30.	Rubber, Plastic & petro based	998	12076	3392
32.	Mineral based	--	--	--
33.	Metal based (Steel Fab.)	--	--	--
35.	Engineering units	2987	8934	13369
36.	Electrical machinery and transport equipment	499	2108	2145
97.	Repairing & servicing	250	1069	935
01.	Others	8991	65029	78617
	Kachori Making	--	--	--
	Total....	21963	106483	124710

Source: DIC Thiruvananthapuram

3.4 Large Scale Industries / Public Sector undertakings

- In Thiruvananthapuram district there are 2 Central sector, 14 State sector, 1 co-operative sector, 4 joint sector and 60 private sector medium and large scale industries.
- By the number of medium and large scale industries, Thiruvananthapuram district ranks second among the 14 districts of Kerala

- Number of registered working factories. They include oil mills, cashew factories, cotton textiles, saw mills, printing units, rubber industrial units, chemical units, match factories, general engineering units and automobile workshops.
- small scale industrial units comprising agro based industries, forest based, animal husbandry based, pesticide based, chemicals based, engineering based & manufacturing and building materials section
- Traditional industry pockets:coir produced are *Anchuthengu* and *Muppiri*. Handloom weaving is prevalent at Balaramapuram, Amaravila, Kulathur and Chirayinkeezhu.
- There are 20 Hantex (Handloom Weavers' Co-operative Society) depots and five showrooms in the district.

Presence of premier institutions:

1. The ISRO under the Department of Space, Government of India has the VSSC at Thumba and Liquid Propulsion Systems Centre (LPSC) at Valiyamala Nedumangadu in Thiruvananthapuram district.
2. Vikram Sarabhai Space Centre (VSSC) is the prime centre engaged in design and development of launch vehicles.
3. The Inertial System Unit (ISU) of the ISRO and the Reinforced Plastic Centre (REPLACE) function from Vattiyoorkavu in the district.
4. Keltron (Kerala State Electronics Development Corporation) has made inroads into electronic markets throughout the country.
5. Government of India public sector undertakings like the Hindustan Latex and Sri Chitra Thirunal Institute of Science and Technology are also located in the district.
6. Technopark is India's largest technology park. with 61 companies, employing over 5500 IT professionals, including five CMM Level 5, three CMM Level 3 and several ISO 9001 certified companies. Global majors like Infosys, TCS, Tata Elxsi, Allianz Cornhill, RM Plc., Mc Kinsey, Ernst & Young. Companies from Erurope, US and other countries operate from the Campus.
7. **C-DIT** The Centre for Development of Imaging Technology (C-DIT), is a Total Solution Provider in information technology for the Government of Kerala. C-DIT also functions as the southern regional video software production facility of the

National Council for Science and Technology Communication (NCSTC), New Delhi. Web Services, GIS, Video Communication, Animation, Educational Informatics and Optical Image Processing are some exclusive teams that C-DIT offers.

The following establishments are located in the district and occupy national prominence:

- **Keltron, Kerala State Electronics Development Corporation Limited**, is a public sector Electronics Company located in Kerala, a state in India. It is headquartered at the capital city of Kerala, Thiruvananthapuram. The company is under the direct control of the State government of Kerala. Currently, major products of the company include mines for Indian navy and various parts of Rockets for Indian space research organisation ISRO. The company also produces basic electronic components such as capacitors, transistors, resistors, diodes, PCBs on a large scale for the Indian market. It also provides services in the field of information technology, animation, and web designing. It has recently established a division for geo-informatics services.
- **Travancore Titanium Products Ltd (TTP)**, is the leading manufacturer of anatase grade titanium dioxide in India. The company was opened in 1946 at Thiruvananthapuram, the capital of Kerala, India. The main product is pigment grade titanium dioxide which is extracted from ilmenite, which is abundantly available as placer deposits on beaches near Kollam, 65 km north of Thiruvananthapuram. Ilmenite, a mixture of titanium dioxide and iron in the form of ferric/ferrous oxide, is treated with Sulphuric Acid to get Titanium dioxide and ferrous sulphate.
- **HLL Lifecare Limited** (formerly Hindustan Latex Limited)(HLL) is a large manufacturing company in Thiruvananthapuram, Kerala, India. They produce health care products, including condoms, blood bags, and contraceptive pills. One of HLL's contraceptive products is ormeloxifene, branded as Saheli, a non-hormonal non-steroid weekly oral contraceptive.
- **Chitranjali Studio** is located in Thiruvananthapuram (Trivandrum), India. This film studio was started in 1980s and is owned by Kerala State Film Development Corporation(KSFDC). The studio is located in the hilltop of Thiruvallam and is spread in 75 acres. The studio has the second largest sound proof indoor floor in Asia with

12,000 sq ft (1,100 m²). The studio has four outdoor film units, film processing labs, dubbing studios, preview theatres etc.

- **Kinfra Apparel Park (KIAP)** is located at Thiruvananthapuram (Trivandrum), the capital city of Kerala state in India. The KIAP provides infrastructure and other related facilities for the garment manufacturing units. This park is operated by KINFRA (Kerala Industrial Infrastructure Development Corporation), a public sector agency in the state. The KIAP is promoted by the Government of India under "Apparel Parks for Exports Scheme".
- **Kerala Automobiles Limited (KAL)** is a public sector automobile manufacturing company in Kerala, India. The KAL, located in Thiruvananthapuram(Trivandrum), undertakes the manufacturing and marketing various models of Three Wheelers. The company is ISO 9001:2000 certified. Their products include Autorickshaw, Pick up Van, Delivery Van, Auto chassis, Hydraulic Tipper etc, and exports the three wheeler vehicles to Egypt.
- **English Indian Clays Ltd.**, a Company incorporated in India, was part of the erstwhile Thapar Group. The Company was incorporated in 1963 in technical & financial collaboration with English China Clays Ltd., U.K, the pioneer and the then world leader in Kaolin processing. This collaboration with ECC ceased in the year 1992.

List of the units in Thiruvananthapuram & Near By Area

1. Hoteltek Beverages Trades Pvt. Ltd.,
2. Nilamels & Kaimals Food Pvt. Ltd.,
3. Vivin Luxury Suits Pvt. Ltd.,
4. YTS Developers & Properties Pvt. Ltd.,

Distribution of Registered Working Factories 2007 to 2009

AREA	2007	2008	2009
Thiruvananthapuram	988	989	994
kerala	18254	18328	18359

Source: Directorate of Economics & Statistics, Thiruvananthapuram

Registered Working Factories Employment 2007 to 2009

District	Employment (Nos)		
	2007	2008	2009
Thiruvananthapuram	41234	41238	41465
kerala	660339	663839	663829

Source: Directorate of Economics & Statistics, Thiruvananthapuram

3.5 Major Exportable Item

Commodity exports recorded high levels of volume and value/growth in 2009-10 as compared to last year, 2008-09 except in the case of Cashew Kernels and Coffee. Tea recorded a higher growth (67.6%), Coir products (124.2%), Spices (70.4%), and Sea food (52.3%). Details of the six major commodities exported from Kerala (through Cochin Port) during 2008-09 and 2009-10 are given in Table.

Export from Kerala (through Cochin Port)

Sl.No	Commodity	2008-09		2009-10	
		Quantity (MT)	Value(Crore)	Quantity (MT)	Value(Crore)
1	Tea	68564	378.73	114926	414.73
2	Cashew Kernels	56967	1715.65	54284	1635.26
3	Coir products	78563	496.97	176105	530.51
4	Spices	47985	398.86	81787	314.08
5	Coffee	63130	711.67	30781	426.52
6	Sea food	90286	1389.62	138106	1513.28

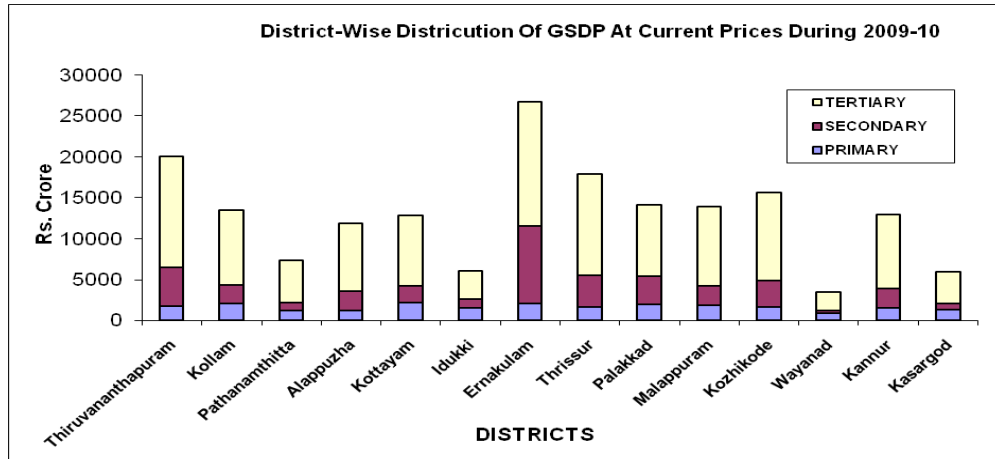
Source: Cochin Port Trust.

3.6 Growth Trend

Industrial growth recorded in Kerala during 2004-05 to 2009-10 was positive. The average growth rate for the period from 2004-05 to 2009-10 was 10.56 per cent and 16.15 per cent at constant and current prices respectively. The contributions of manufacturing sector to GSDP at constant and current prices are 9.26 per cent and 9.33 per cent respectively during 2009-10.

District wise and Sector-wise Distribution of Gross State Domestic product during 2009-10 at constant (2004-05) Prices (Quick Estimate) (₹Crore)

Sl. No.	District	Primary		Secondary		Tertiary	
		GDDP	Annual Growth Rate (%)	GDDP	Annual Growth Rate (%)	GDDP	Annual Growth Rate (%)
1	2	3	4	5	6	7	8
1	Thiruvananthapuram	1668.9	2.05	4707.58	9.60	13661.29	11.46



3.7 Vendorisation / Ancillarisation of the Industry

There are 4 large, and 94 medium scale industries in the district, of which, --- are Central Government undertakings. There is ample scope for these industries.

3.8. Medium Scale Enterprises

3.8.1 List of the units in Thiruvananthapuram & Near By Area

(B) Medium Scale Enterprises as on 31.03.2012

1. ADA Software & Services Pvt. Ltd.,
2. ADS Scans & Hospitals Pvt. Ltd.,
3. Aditech Power Systems Ltd.,
4. Amstor Information Technology India

5. Ananthapuri Hospitals (P) Ltd.,
6. Brahma Softek (P) Ltd.,
7. Britek India
8. Capstocks & Securities (India) Pvt. Ltd.,
9. Data Entry International Pvt. Ltd.,
10. Dataware Design Labs Pvt. Ltd.,
11. DG Computer Systems Pvt. Ltd.,
12. Elasto Tapes Ltd.,
13. English Indian Clays Ltd.,
14. Euro Marine Products Ltd.,
15. Family Plastic & Thermoware
16. Fischer Systems India Pvt. Ltd.,
17. Floates (India) Pvt. Ltd.,
18. Gadco Software Solutions Pvt. Ltd.,
19. Gemini Software Solutions Pvt. Ltd.,
20. Geologic Services
21. Geosoft Technologies (Trivandrum) Pvt. Ltd.,
22. Great India Health Care Management Pvt. Ltd.,
23. Health Care Media Pvt. Ltd.,
24. Hotel South Park
25. Hindustan Latex Ltd.,
26. Handicrafts Development Corporation of Kerala Ltd.,
27. Hotel Samudra (Unit of KTDC)
28. Indsoft Infotek & Services Ltd.,
29. International Business Service Group

30. Intimate Machines Pvt. Ltd.,
31. IVL India Pvt. Ltd.,
32. Joy's The Beach Resort (P) Ltd.,
33. Kalakaumudi Publications (P) Ltd.,
34. Kerala Automobiles Ltd.,
35. Kerala Hitech Industries Ltd.,
36. Kerala State Handloom Weavers' Co-operative Society Ltd.,
37. Kerala State Industries Enterprises Ltd., (Air Cargo Complex)
38. Keltron Counters Ltd.,
39. Keltron
40. Keltron Controls (Aroor)
41. Special Products Division (Karakulam)
42. Industrial Electronics Products (Karakulam)
43. Communication Division (Kulathur)
44. Cybernetics Division (Vellayambalam)
45. Printed Circuit Boards (Kulathur)
46. Traffic Signal Division (sreekanteswarama)
47. TV Unit Kozhikode
48. Kerala State Salicylates & Chemicals Ltd.,
49. Kerala Agro Industries Corporation Ltd.,
50. Kerala State Coconut Development Corporation Ltd.,
51. Coconut Complex (Attingal)
52. Coconut Complex (Thiruvannur)
53. *Kelvin Business Forms Pvt. Ltd.,
54. Metropolitan Engineering Co. Ltd.,

55. MILMA
56. Cattle Feed Plant
57. Central Dairy Products
58. Cattle Feed Plant
59. MKP Sons Pvt. Ltd.,
60. Nest Foods & Beverages Ltd.,
61. Network Systems & Technologies (P) Ltd.,
62. Pankaja Kasthuri Herbals India Pvt. Ltd.,
63. Penpol Medical Systems
64. Poabs Organic Products Pvt. Ltd.,
65. Poly Capital
66. Prima Agro Products Ltd.,
67. Pure Petrochem India Pvt. Ltd.,
68. Regional Cancer Centre
69. R.GAC Electrodes Ltd.,
70. Sabari Roller Flour Mills (P) Ltd.,
71. Santhigiri Ayurveda & Sidha Vaidyasala
72. SDS Infotech Ltd.,
73. Seaview Support Systems Pvt. Ltd.,
74. Silver Foam Pvt. Ltd.,
75. Softex Computer Consultants Pvt. Ltd.,
76. Softland India Ltd.,
77. Southern Refineries Ltd.,
78. Square Deal Design & Engineering (India) Pvt. Ltd.,
79. Srishti Open Systems Pvt. Ltd.,

80. Sun Tec Business Solutions (P) Ltd.,
81. Surya Samudra Holiday Resorts (P) Ltd.,
82. Toonz Animation India Pvt. Ltd.,
83. Toroid India Pvt. Ltd.,
84. The Travancore Titanium Products Ltd.,
85. Trivandrum Spinning Mills Ltd.,
86. Trivandrum Rubber Works Ltd., (subsidiary of State Farming corpn.),
87. Terumo Penpol Ltd.,
88. Travancore Sulphates Ltd.,
89. Accel Transmatic Systems Ltd.,
90. Trivandrum Flour Mills (Pvt.) Ltd.,
91. Vasudeva Vilasm Herbal Remedies Pvt. Ltd.,
92. Vijayamohini Mills
93. Visionics India Pvt. Ltd.,
94. Wilson Beach Resorts Pvt. Ltd.,

3.8.2 Major Exportable Item

Handloom Products, Handicrafts

3.9 Service Enterprises

3.9.2 Potentials areas for service industry

Computerized Design & Drafting, Advertising Agency, Repair & Services (workshops), Marketing Consultancy.

3.10 Potential for new MSMEs

Computer Stationery, Paper Products, Automobile Workshop, Steel Furniture, Decorative Door & Windows, Electronic Equipment, Handloom Products, Handicraft Products, Fruit Processing, PVC Products.

4. Existing Clusters of Micro & Small Enterprise

4.1 DETAIL OF MAJOR CLUSTERS

Sector specific clusters of industrial units are being promoted with the assistance of financial institutions and skill development facilitated through common facility centres and training institutions. Government have trained eighty officials from the Department to enable them to fulfil the role of cluster development agents. Government have short listed a few thrust sectors where intensive cluster development will be focused during the initial phase.

The cluster consortia are setting up ventures such as common facility centres, raw material bank etc with the financial assistance of banks. Sixty clusters have been identified and 32 clusters have been developed and approved under the Cluster Development Programme in Kerala.

Source: Directorate of Industries and Commerce

4.1.1 Manufacturing Sector

<u>Name of District</u>	<u>Name of Clusters</u>
Thiruvananthapuram	1. Travancore Cane & Bamboo Company (P) Ltd. Chirayinkil 2.Sreechitra Wooden Crafts & Carvings Development Society, Neyyatinkara 3.Kerala Handloom Silk Consortium (P) Ltd, Balaramapuram

4.1.2 Service Sector

Nil

4.2 Details for Identified cluster

DIC, Thiruvananthapuram has informed that no cluster identified for promotional activities.

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

Problems faced by the Existing Industries

- Looking on the problems and difficulties faced by the existing industrialist in the district, it has been observed that there are certain common problems faced by them. Even after the concerted efforts by different agencies, departments and institutions to accelerate the growth of industrial development in the district, a number of new entrepreneurs fail to become successful in their venture mainly because of low level of entrepreneurial qualities possessed by them, lack of industrial culture, insufficient management and improper guidance and jumping to set up the unit without proper thinking. Infrastructural facilities have not reached to all areas in required level.
- Shortage of power and insufficient power transmitting system are felt in the district particularly in the industrial belt areas. Low voltage and frequent power failure affect the existing units in capacity utilisation directly affecting the productivity and hence high cost of production and low margin of profit. Delay of getting electric connection has been reported by a number of new entrepreneurs. They are also concerned about the increase in electricity tariff ever year by the Govt.
- Marketing problem is another important problem faced by the entrepreneurs in the district. The units in the district face high competition in the local market with the products of outside units. Outside units are capable to market their product in comparatively low cost as their production cost is low and having high productivity. The local SSI units are not capable to supply their product on long term credit basis. Hence the long term credit system allowed by the units situated outside the State is another hindrance to market the products of the local units. The local producers also face stiff competition with the foreign market agencies who have attractive marketing techniques. Decreased demand and lack of proper Govt. support in marketing of local products have also reported. Also the people in the district has long trade and cultural association with Tamil Nadu. The Government Purchase Programme is not implemented in its full spirit.
- Shortage of working capital problem is acute in the Tiny Sector of industries coupled with non-availability of skilled labourers. This is a cause to their capability to compete with outside manufacturers/Units.
- Some units from Chemical, Rubber, Metallic, Textiles etc. have reported scarcity of raw materials along with price fluctuations. This has made it extremely difficult for the units to fix the price of the finished products.
- Though the labour related problems in the district has considerably reduced, a number of units are still facing scarcity of skilled/semi-skilled labourers. Due to the demand of high wage rate by the local labourers, the availability of labourers in low wage rate from the neighbouring States, the management has turned to employ workers from other States. This may create social problems as it reduces the employment opportunities for the local workers.

Sick Units Revival

- Rehabilitation process of sick units is extremely slow. It is reported that the Financial assistance even to the units that found potentially viable are getting even after a long period. This delay on the part of the institution concerned make the unit totally unviable by the time the package is granted.

6. STEPS TO SET UP MSMEs

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)	General Manager District industries Centre (DIC) Water Works Compound Vellayambalam Thiruvananthapuram - 695003
2.	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.	Micro, Small & Medium Enterprises Development Institute, (Ministry of ME, Government of India) Kanjany Road, Ayyanthole P.O.Thrissur – 680 003 (Kerala)
3.	Land and Industrial shed	General Manager District industries Centre (DIC) Water Works Compound Vellayambalam Thiruvananthapuram - 695003

		<p>Director Directorate of Industries and Commerce, Vikas Bhavan PO Thiruvananthapuram,Kerala 471-2302774/Fax. 0471-2305493 www.keralaindustry.org/Promotion DI&C.htm</p> <p>SIDCO, Shanthinagar Thiruvananthapuram-695001 w.keralaindustry.org/promotional</p> <p>Managing director Kerala Industrial Infrastructure Development corporation KINFRA House TC/31/2312, Sasthamangalam PO Thiruvananthapuram-695010 Tel.0471-2726585/2724773 E.mail: kinfra@vsnl.com</p> <p>Development Commissioner Cochin Special Economic Zone (CSEZ) Minn. Of Commerce Govt. of India, Kakkanad Kochi-682037, Ph. 0484-2413222 Fax. 0484-2413074 E.mail. dc@csez.cin Website: www. csez.com</p>
4.	Financial Assistance	<p>Banks (Nationalised& Scheduled) Alappuzha.</p> <p>SIDBI Finance Tower 2nd floor, PB No.4209 Kaloor, Kochi-17 Tel:2401792, 2401793</p> <p>Industrial Finance Corporation of India Panampilly Nagar Kochi-36 Tel:0484-2311174</p>

		<p>Industrial Finance Corporation of India Panampilly Nagar Kochi-36 Tel:0484-2311174</p> <p>Indian Renewable Energy Development Agency Ltd. Lodi Road, New delhi-110003</p>
5.	For raw materials under Govt. Supply	State Trading Corporation Ajay Vihar Kochi-16
6.	Plant and machinery under hire / purchase basis.	NSIC, Ernakulam
7.	Power/ Electricity	Kerala State Electricity Board Kollam
8.	Technical Know –how.	MSME-Development Institute Min. of MSME, Govt. of India Kanjani Road, Ayyanthole PO Thrissur-680 003,Kerala
9.	Quality & Standard	MSME-Development Institute Min. of MSME, Govt. of India Kanjani Road, Ayyanthole PO Thrissur-680 003,Kerala
10.	Marketing /Export Assistance	<p>Development Commissioner Cochin Special Economic Zone (CSEZ) Min. of Commerce Govt. of India, Kakkanad Kochi-682037, Ph. 0484-2413222 Fax. 0484-2413074, E.mail. dc@csez.com www.csez.com</p> <p>Member Secretary, Kerala Export Promotion Council T.C. 15/1399 'Karthika; Tagore Nagar Cotton Hill Road,Vazhuthacaud Thiruvananthapuram-695010 Ph. 04871-2726585/2724773 E.mail: kinfra@vsnl.com</p>

11.	Other Promotional Agencies	<p>The various agencies involved with providing technical, financial, infrastructural and other assistance are as under:</p> <ol style="list-style-type: none"> 1. Directorate of Industries and Commerce. 2. District Industries Centre. 3. Kerala State Small Industries Development Corporation Ltd., (SIDCO) 4. Kerala Industrial and Technical Consultancy Organization Ltd., (KITCO) 5. Kerala Industrial Infrastructure Development Corporation (KINFRA). 6. Kerala Electronic Development Corporation. 7. Centre for Management Development Institute (CMI). 8. Kerala Bureau of Industrial Promotion (K-Bip) 9. Natural Centre for HACCP Certification (NCHC) 10. Kerala State Industrial Development Corporation (KSIDC). 11. Kerala Financial Corporation (KFC) 12. Small Industries Development Bank of India (SIDBI) 13. Infrastructure Kerala Ltd (INKEL) 14. MSME Development Institute (formerly SISI) 15. National Small Industries Corporation(NSIC)
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Agencies: Autonomous Body: Organisations

Name of the Park	No. units	Total Area(Acres)		Investment (Rs. lakh)	Employment (Nos)
		Acquired	Allotted		
KINFRA Small Industries Park, Trivandrum	55	36.92	32.32	4411.15	1363
KINFRA International Apparel Park Trivandrum	20	45.07	29.43	11590.60	6736

KINFRA Film and Video Park, Trivandrum	16	75	24.25	8281.91	3625
	<p>It is home to a cluster of research centres, which include the following:</p> <ul style="list-style-type: none"> • Indian Institute of Science Education and Research, • Vikram Sarabhai Space Centre (VSSC), • Liquid Propulsion Systems Centre (LPSC), • Thumba Equatorial Rocket Launching Station (TERLS), • Indian Institute of Space Science and Technology (IIST), • Rajiv Gandhi Centre for Biotechnology, RGCB, • Tropical Botanical Garden and Research Institute, • ER&DC • CDAC • CSIR • National Institute of Interdisciplinary Science and Technology, • Free Software Foundation (FSF), Regional Cancer Centre (RCC), • Sree Chitra Thirunal Institute of Medical Sciences and Technology (SCTIMST), • Centre for Earth Science Studies (CESS), • Central Tuber Crops Research Institute (CTCRI), Priyadarsini Planetarium, • The Oriental Research Institute & Manuscripts Library, • Kerala Highway Research Institute, • Kerala Fisheries Research Institute 				