



सत्यमेव जयते

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

Brief Industrial Profile of Malappuram District

2017-18

Carried out by

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FORWARD


MSME – DI, Thrissur, as a part of its action plan/activities has prepared the District Industrial Profile of Malappuram District during 2017-18. The objective to prepare the industrial profile is to make the information readily available in respect of general characteristics of the district administrative set up, industrial scenario, potential for new MSMEs, details of existing clusters and general issues raised by industry associations etc. to the existing as well as prospective entrepreneurs.

It is expected that this industrial profile also will be useful for Government and Non- Government Organizations, promotional and Development agencies engaged in the promotion and development of MSME sector in Kottayam district and also for academicians / research scholars.

I take this opportunity to express my gratitude to District Industries Centre, Malappuram, officials of the State Planning Board, Department of Economic and Statistics, Kerala, Department of Mines and Geology and heads of other departments for extending their co-operation in preparing this Industrial Profile.

I also place on records my appreciation to Smt. Kathreenamma Sebastian, (IES), Dy. Director and Shri S.C.Meena, Asstt. Director (EI) of this institute for their hard work in bringing out the report in this form.

Place: Thrissur
Date: 31.03.2018


(P.V. Velayudhan)
Director

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District Industrial Profile of Malappuram

1. General Characteristics of the District

Malappuram literally means '*terraced place atop the hills*'. It is a northern district in Kerala endowed with the bountiful gifts of Nature. Malappuram District took its birth on 16.06.1969. Geographically the district lies between the Nilgiris to its east and the Arabian Sea to its west. It borders Kozhikode and Wayanad districts in the north and Palakkad and Thrissur districts in the south.

1.1 Location & Geographical Area

Malappuram is a hilly terraced tract. The innumerable streams that meander these hills reach the coconut fringed and picturesque sea coast. The location of the district is 75' to 77' east longitude and 10' to 12' north latitude, in the geographical map. The district has more or less the same climate conditions prevalent in other parts of the state, viz, dry season from December to February, hot season from March to May and the usual monsoon. The south west monsoon is usually very heavy and nearly 75% of the annual rainfall is received during this season. The climate is generally hot and humid; the range of temperature varying between 30°C and 20°C. The average annual rainfall is 290 mm.

1.2 Topography

The topography of Malappuram consists of three natural divisions; lowland, midland and highland. The low land stretches along the sea coast, the midland in the centre and the highland region towards the east and north eastern parts, rich with evergreen forests, ravines, hills and dales, rivers and brooks. The topography of the district is highly undulating; starting from the hill tops covered with thick forests on the east along the Nilgiris, it gradually slopes down to the valleys and the small hills, before finally ending on the sandy flat of luxuriant coconut groves and palm fringed coasts in the west.

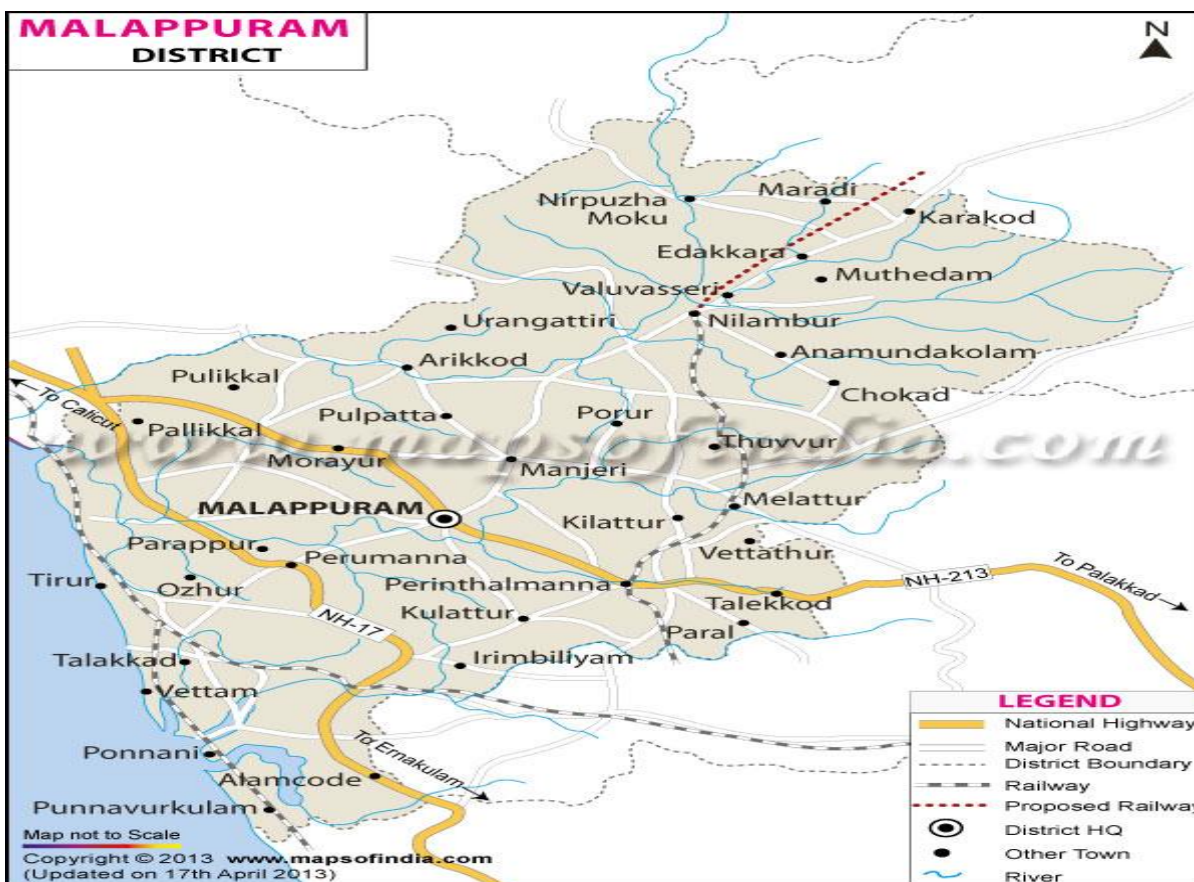


Fig.1: District Map

1.3 Availability of Minerals

Laterite is found abundantly in the midland areas. It is exploited economically for construction works and hundreds of quarries cutting laterite stone known as Vettukallu are in operation, giving employment to thousands. Another major economic important mineral is granite building stone. Sizable deposits of this mineral are found in different parts of the district. The district is also having deposit of Ordinary sand & Earth and Brick clay. The following table shows the details of mineral deposits in the district.

Table 1: Production of Minerals 2017-18

Sl No	Name of Mineral	Production in Tons
1	Laterite Building	1076570
2	Granite Building Stone (GBS)	2455869
3	Ordinary Sand	29959
4	Brick Clay	37405
5	Ordinary Earth	853319

Source: Department of Mines and Geology

1.4 LAND USE PATTERN in Kerala and Malappuram

The total geographical area of the State is 38,86,287 Ha. The net area under cultivation during the year 2016 – 17 was 20,15,482 Ha. The total cropped area during the year 2016 – 17 was 25,84,007Ha.

In Malappuram, the Geographical area has been classified according to sixteen different uses of land which is presented in Fig. 2.

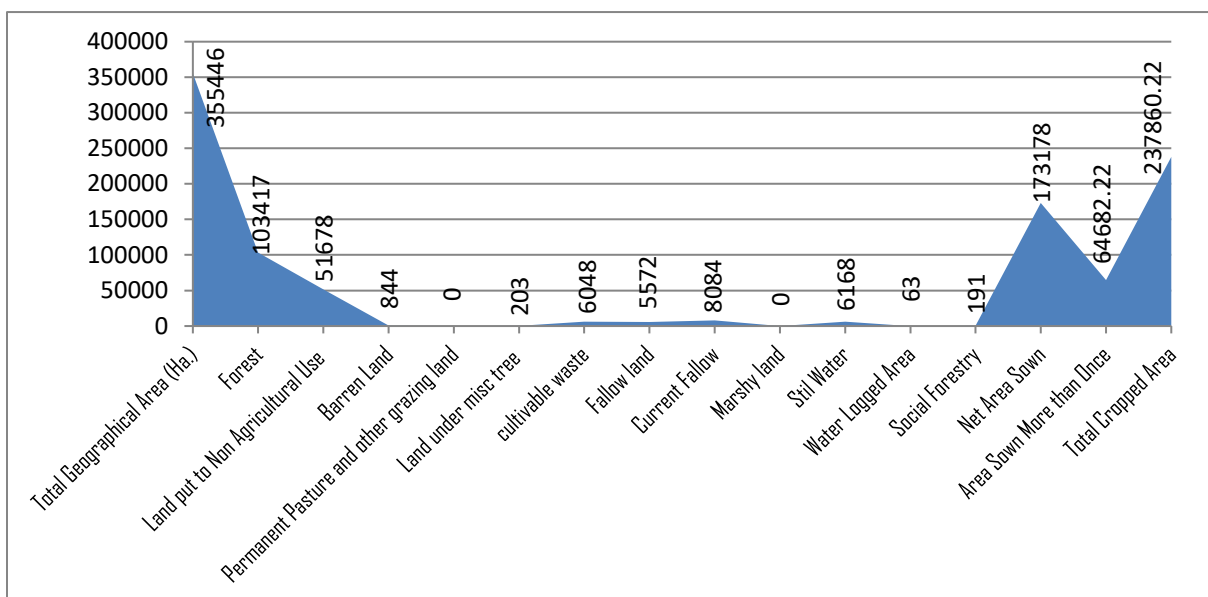


Fig. 2: CLASSIFICATION OF AREA ON THE BASIS OF LAND UTILISATION 2016-17

1.5 Administrative set up

There are two systems of administrative set up in the district – Revenue and local self-government. Under the revenue system the district is divided into Revenue Divisions, Taluks and Villages. Under the local administration set up the district is divided into statutory towns and panchayats. For the implementation of development activities Panchayats are grouped into community development blocks. Therefore all these units viz. Taluks, Villages, Statutory towns, Community development blocks and Panchayats have their own relevance and importance. The district has its headquarters at Malappuram & for administrative and revenue purposes, the district is divided into six taluks, namely, Ernad, Perinthalmanna, Triur, Ponnani, Tirurangadi and Nilambur There are 135 revenue villages and 15 Development Blocks viz Malappuram, Perumpadappu, Tirur, Tirurangadi, Vengara, Tanur, Kuttippuram, Mankada, Perintamma, Ponnani, Areecode, Kalikavu, Kondotty, Wandoor & Nilambur. There are 135 Grama Panchayats in the district. The 7 Municipalities in the district are Malappuram, Perinthalmanna,

Manjeri, Ponnani, Tirur, Kottakkal & Nilambur .There are 16 Assembly viz Malappuram, Manjeri, Kondotty, Ernad, Mankada, Perinthalmanna, Thirurangadi, Vengara, Vallikunnu, Tirur, Tanur, Kottakkal, Nilambur, Wandoor, Ponnani, Thavanur and 3 Parliamentary constituencies in the district viz Malappuram, Ponnani(Part), Waynard(Part)

2 District at a Glance

The following table comprises the information about geographical, administrative, demographical, etc of the district. It will also provide brief idea education, land use pattern and infrastructural facilities of the district.

Table 2: District at a Glance

Sl No	Particular	Year	Unit	Statistics
1	Geographical features			
(A)	Geographical Data	2017-18		
	i) Latitude			11° - 1'and - 48"North
	ii) Longitude			76 °-3'and - 0"East
	iii) Geographical Area		Ha.	355446
(B)	Administrative Units	2017-18		
	i) Number of Revenue Divisions			2
	ii) Number of Tehsils			6
	iii) Sub- Tehsils			-
	iv) Patwar Circle			-
	v) Panchayat Samitis			-
	vi) Nagar Nigham			NIL
	vii) Nagar Palika			7
	viii) Gram Panchayats			100
	ix) Number of Revenue Villages			135
	x) Assembly constituencies			16
	<i>Source: www.malappuram.nic</i>			
2	Population			
A	Sex-wise			
	i) Male	2011		1960328
	ii) Female	2011		2152592
B	Rural Population			
C	Urban Population			
D	Fisherman Population			
	<i>Source: Department of Economics and Statistics, Thiruvananthapuram, 2011</i>			
3	Agriculture			
	Land utilization			
	i) Total Area	2016-17	Ha	355446
	ii) Forest cover	"	"	103417
	iii) Non Available for Cultivation	"	"	57479
	iv) Total Fallow Land	"	"	6341
4	Forest			

	(i) Forest	2017-18	Hectare	103417
	<i>Source: Deptt of Econ & Stat.Tiruvananthapuram 2017</i>			
5	Livestock & Poultry			
A	Cattle			
	i) Cows	2012	Nos.	80796
	ii) Buffaloes	2012	Nos.	19750
B	Other livestock			
	i) Goats	2012	Nos.	137353
	ii) Pigs	2012	Nos.	898
	iii) Dogs & Bitches	2012	Nos.	15198
	<i>Source: Cattle Census, 2012</i>			
	IV) Railways			
	i) Length of rail line	2017	Kms	142.09
	V) Roads			
	(a) National Highway	31.3.2017	Kms	150.03
	(b) State Highway	2017	Kms	374.764
	(c) Major District Roads	2017	Kms	2305.388
	(d) Other district & Rural Roads	2011	Kms	1152.755
	(e) Rural road/ Agriculture (Mud and Earthen roads)	2011	Kms	17404.778
	(f) Kachha Road	31.03.2015	Kms	NA
	<i>Source: a,b,e: Panchayat Level Statistics, 2011&17; b & c : Economic Review, 2017</i>			
	VI) Communication			
	(a) Telephone connection (working)	2017	Nos.	148141
	(b) Post offices	2017	Nos.	437
	(c) Telephone Exchanges	2017	Nos.	102
	(d) Density of Telephone	2017	Nos./1000 per	47.33
	(e) Density of Telephone	2017	No. per Sq.KM.	41.739
	(f) PCO Rural	2010-11	No.	1996
	(g) PCO STD	2010-11	No.	2760
	(h) Mobile	2015	No.	496588
	<i>Source: Economic Review, 2017 and Panchayat Level Statistics, 2011& 2015</i>			
	VII) Public Health			
	(a) Allopathic Hospital	2016-17	No.	10
	(b) General Hospital	2016-17	No.	1
	(c) Beds in General Hospital	2016-17	No.	501
	(d) District Hospitals	2016-17	No.	3
	(e) Beds in General Hospital	2016-17	No.	483
	(f) Beds in Allopathic hospitals	2016-17	No.	1601
	(g) Ayurvedic Hospital	2016-17	No.	11
	(h) Beds in Ayurvedic hospitals	2016-17	No.	220
	(i) Homeopathy hospitals (Beds)	2016-17	No.	4 (70 Beds)
	(j) Community health centres	2016-17	No.	22
	(k) Beds in Community health centres	2016-17	No.	492
	(l) Primary health centres	2016-17	No.	65

(m) Beds in Primary health centres	2016-17	No.	140
(n) Taluk Hospitals with beds	2016-17	No.	6 (497 Beds)
(o) Sub Centres	2016-17	No.	514
(p) Others	2016-17	No.	6 (36 Beds)
<i>Source: Compiled from Economic Review 2017</i>			
VIII) Banking			
(a) Scheduled Commercial Bank	31.3.2017	Nos.	448
(b) DISTRICT COOPERATIVE BANK		Nos.	1
(c) Co-Operative bank products		Nos.	54
(d) Urban Cooperative Societies		Nos.	91
(e) PCARD		Nos.	14
(f) PACS		Nos.	206
<i>Source: RBI Quarterly statistics on Deposits and Credit of Scheduled Commercial Banks, March 2017.</i>			
IX) Education			
Male Literacy rate	2011	%	95.78
Female Literacy rate	2011	%	91.55
(a) Lower Primary school	2016-17	Nos.	872
(b) Upper Primary school	2016-17	Nos.	363
(c) Higher secondary Schools	2016-17	Nos.	248
(c) High Schools	2016-17	Nos.	323
(d) Vocational Higher Secondary Schools	2016-17	Nos.	27
(d) Art & Science Colleges	2016-17	Nos.	21
(e) Engineering Colleges	2016-17	Nos.	12
X) Economy			
GSVA at basic prices (Rs in lakh)		Rs in lakh	4089318
Distict Value Added at basic Prices		Rs in Lakh	5363418
Populations		in Nos.	4408415
District Per Capita Income Rs at Basic Price		Rs in Lakh	121663
MSME Units with UAM	31.03.2017	Nos.	1658
XI) Tourist Arrivals			
a) Foreign	2016-17	Nos.	19769
b) Domestic	2016-17	Nos.	471028
<i>Source: Economic Review, 2017</i>			

3. Industrial Scenario of Malappuram

3.1 Existing Status of Industrial Areas in the Malappuram District

The following table shows the status of Development Plot in the District. The information is based on District Industrial Potential Survey 2018, conducted by District Industry centre, Malappuram.

Table 3: Existing Status of Industrial Areas (District Industrial Potential Survey, 2018)

Sl No	Name of Industrial Area	Land Acquired (in hectare)	Land Developed (in hectare)	Prevailing Rate Per Cent as on 01.10.2011 (in Rs)	No of Plots	No of allotted plots	No of Vacant Plots	No. of Units in Production
1	FIE, Payyanadu, Manjeri	6.552	2.52	6221/-	32	32	0	24

Source: District Industries Centre, Malappuram

Table.4: Industrial Park at Panakkad developed by KSIDC

Name of park	Total area(acres)		Allotted area	Investment (Rs in Lakh)	No. of industrial/business activity started	Employment generated
	Acquired	Allotted				
KSIDC-INKEL	258	258	Industry-29.44 acre Education-15.37 acres	3641.83	29	600

The KINFRA Food Processing Park at Kakkancherry, Malappuram district, is a pioneering initiative that aims at crystallizing all that is good about the food processing industry: creating massive employment, encouraging entrepreneurship and promoting local agriculture and economy.

Table.5: KINFRA Food Processing Park at Kakkancherry, Malappuram

Name of park	Year of starting	Total area(acres)		Investment by KSIDC (In Lakh)	Employment generated (Nos.)	No. Of working units	Remarks
		Acquired	Allotted				
Food processing park, Kakkancherry	2000	70	40.11	12512.17	1200	39	Both the park has same area. For Food processing unit
IT Park, Kakkancherry	2000					52	Built up area-62079 sq.feet and IT park – 8843sq.feet
Industrial park, Kuttippuram	Ongoing	22					

KINFRA Industrial Park**Table.6:Industrial estate under SIDCO**

Sl. No.	Name of industrial estate	Total area (acres)	Allotted area (Cents)	No. of working units	No. of employ in working units
Major industrial units					
1	Manjeri	4.92	436.14	73	183
Mini Industrial Estate					
1	Edavanna	1.2	110	7	20
2	Oorakam	1	92	10	28
3	Kokkooor	0.99	91	8	21

Table.7:Mini Industrial estate under DIC, Malappuram

Sl. No.	Name of estate	No. of sheds	No. of working units	Total employment (Nos)	Income generated (in Lakh)
1	Kottakkal	12	9		
2	Pulamanthol	10	5		
3	Anamangad	12	7		
4	Cherukavu	10	8		
5	Pulamanthol(New)	5	0		
Total		49	29	112	98.43

Table 8: Industry at a Glance

Sl No	Head	Unit	Particulars
1	Registered Industrial Unit in 2017-18	No.	1658
2	Total Industrial Unit	No.	3070
3	Registered Medium Unit	No.	-
4	Estimated Average No of Daily Worker employed in Small Scale Industries	No.	-
5	Employment in Medium Industries	No.	-
6	No of Industrial Area	No.	1
7	Turnover of Small Scale Industries	in Lakhs	4146.77
8	Turnover of Medium and Large Scale Industries	in Lakhs	-

Source: District Industries Centre, Malappuram

3.2 Year Wise Trend of Units Registered

Table.9: Year Wise Trend of Units Registered

Year	Number of Registered Units	Employment (Nos)	Investment (in Lakhs)
2007-08	477	3970	9441
2008-09	877	4848	7269
2009-10	689	3850	7008
2010-11	653	3413	6030
2011-12	712	3858	6906
2012-13	879	4596	9642
2013-14	1194	5973	13454
2014-15	1267	6075	16190
2015-16	583	5339	88517
2016-17	1316	5286	14883.27
2017-18	1658	NA	NA
Total	10305	47208	179340.27

Source: District Industries Centre, Malappuram

The growth of the number of registered units in the district was found to be increased with the magnitude of 82.30 units/year. It was also found that the maximum 1658 units has been registered during the year 2017-18 (Fig.3).

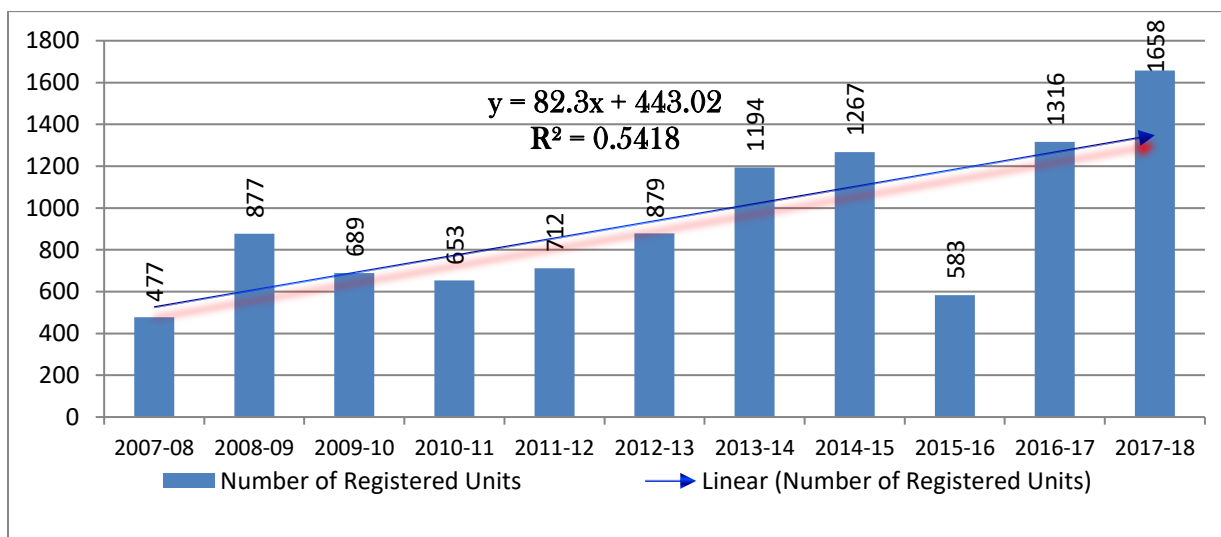


Fig.3: Growth of Number of Registered Units

3.3 Details of Existing Micro and Small Enterprises and Artisan Units in the District

Table.10: Details of Existing Micro and Small Enterprises and Artisan Units in the District

NIC CODE No	Type of Industry	No of Units	Investment (Lakhs Rs.)	Employment (Nos.)
20	Agro-based	1792	23627.88	8696
22	Soda water	204	837.9	340
23	Cotton textile	76	3075.36	1106
24	Woollen, silk & artificial Thread based clothes	33	238	199
25	Jute & jute based	NA	NA	NA
26	Ready-made garments & embroidery	1200	7428.36	6269
27	Wood/wooden based furniture	1713	12146.45	6644
28	Paper & Paper products	240	2477.95	1109
29	Leather based	139	812.45	751
31	Chemical/Chemical based	150	1983.74	650
30	Rubber, Plastic & petro based	344	7374.25	1682
32	Mineral based	280	8832.20	1397
33	Metal based (Steel Fab.)	481	2293.78	2250
35	Engineering units	1550	8274.98	5936
36	Electrical machinery and transport equipment	71	783.63	359
97	Repairing & servicing	1540	9604.9	6296
	Gem Designing	32	124.13	126
	Fashion Designing	73	433.80	291
1	Others	2059	20107.83	10432
	Artisan Units	78	162.38	192
Total		12055	110620	54725

Source: District Industries Centre, Malappuram

3.4 Large Scale Industries/Public Sector Undertakings (PSUs)

Table.11: List of large scale units and PSUs in Malappuram and nearby area.

S. No.	Name of the Units/PSUs	Investment (Rs in Lakh)
1	Keltron Electro Ceramics Ltd, Kuttipuram	318.27
2	Kerala Electrical and Allied engineering	NA
2	Keltron Tool Room, Kuttipuram	61
3	The Malappuram Co-operative Spinning Mills Ltd.	351
4	Edarikode Textiles	210
5	KSRTC Body workshop, Eddappal	NA
6	MALCOTEX, Kuttippuram	175
7	KELTEX,	35

3.5 Major Exportable Item

Fresh fruit like mango , pomegranate, strawberry, Food products specially Cardamom, Green Cardamom & Cardamom Powder and treated rubber wood furniture are the major exportable items in the District.

3.6 Growth Trend: It is reflected in Fig.3: Growth of Number of Registered Units

3.7 Vendorisation / Ancillarisation of the Industry:

3.8 Medium Scale Enterprises: list of sector wise units in the district and the nearby area are given in table 12.

Table.12:List of the Sectorwise units in different blocks of Malappuram

Sl. No.	TYPE OF INDUSTRY	Name of Block	Number of Units	Investment (Lakh Rs.)	Employment (Nos.)
1	Agro & Food based	Ernadu	515	5849.56	2637
		Nilambur	250	4487.32	1395
		Perintelmanna	286	2574	1057
		Tirur	199	2431	748
		Tirurangadi	233	2931	851
		Ponnani	309	5355	2008
2	Soda water/Packaged drinking water	Ernadu	11	29	18
		Nilambur	92	16.9	24
		Perintelmanna	9	158	29
		Tirur	39	291	111
		Tirurangadi	20	185	71
		Ponnani	33	158	87
3	Cotton textile	Ernadu	51	1344	812
		Nilambur	0	0	0
		Perintelmanna	0	0	0
		Tirur	24	292	84
		Tirurangadi	1	1439.36	210
		Ponnani	0	0	0
4	Woolen, silk & artificial Thread based clothes.	Ernadu	27	182	177
		Nilambur	0	0	0
		Perintelmanna	0	0	0
		Tirur	6	56	22
		Tirurangadi	0	0	0
		Ponnani	0	0	0
5	Ready-made garments & embroidery	Ernadu	228	1533	1084
		Nilambur	252	1862.65	1894
		Perintelmanna	85	340	435
		Tirur	196	878	563
		Tirurangadi	43	241.71	230
		Ponnani	396	2573	2063
6	Wood/wooden based furniture	Ernadu	563	2086.5	2433
		Nilambur	230	3417.95	987
		Perintelmanna	233	1880	846
		Tirur	308	1851	912
		Tirurangadi	278	1940	1052
		Ponnani	101	971	414
7		Ernadu	64	759	315

	Paper & Paper products	Nilambur	20	46.3	238
		Perintelmanna	18	144	60
		Tirur	69	520.65	237
		Tirurangadi	33	668	109
		Ponnani	36	340	150
8	Leather based	Ernadu	44	498	367
		Nilambur	57	114.45	180
		Perintelmanna	0	0	0
		Tirur	30	165	166
		Tirurangadi	4	6	10
9	Chemical/Chemical based	Ponnani	4	29	28
		Ernadu	62	594	229
		Nilambur	8	315	41
		Perintelmanna	15	147	97
		Tirur	54	704.74	205
10	Rubber, Plastic & petro based	Tirurangadi	3	54	16
		Ponnani	8	169	62
		Ernadu	105	1331	521
		Nilambur	37	2292.25	212
		Perintelmanna	75	1171	219
		Tirur	77	553	227
11	Mineral based	Tirurangadi	29	1615	364
		Ponnani	21	412	139
		Ernadu	17	1594	168
		Nilambur	174	1515.2	600
		Perintelmanna	11	2032	268
		Tirur	44	613	125
12	Metal based (Steel Fab.)	Tirurangadi	24	2978	156
		Ponnani	10	100	80
		Ernadu	117	332.44	1192
		Nilambur	11	43.34	38
		Perintelmanna	66	645	306
		Tirur	173	587	420
13	Engineering units	Tirurangadi	18	163	66
		Ponnani	96	523	228
		Ernadu	247	1407.5	935
		Nilambur	471	2185.85	1905
		Perintelmanna	252	1082	906
		Tirur	201	707.63	510
14	Electrical machinery and transport equipment	Tirurangadi	229	1072	749
		Ponnani	150	1820	931
		Ernadu	1	2	6
		Nilambur	43	124	90
		Perintelmanna	0	0	0
		Tirur	20	262.63	222
15	Repairing & servicing	Tirurangadi	1	365	26
		Ponnani	6	30	15
		Ernadu	360	2060.85	1560
		Nilambur	243	1213.05	748
		Perintelmanna	115	1240	752
		Tirur	318	1335	780

		Tirurangadi	37	471	203
		Ponnani	467	3285	2253
16	Gem designing	Ernadu	11	45.13	39
		Nilambur	0	0	0
		Perintelmanna	0	0	0
		Tirur	12	36	77
		Tirurangadi	5	26	0
		Ponnani	4	17	10
17	Fashion designing	Ernadu	15	26.8	19
		Nilambur	0	0	0
		Perintelmanna	0	0	0
		Tirur	26	127	157
		Tirurangadi	15	85	32
		Ponnani	17	195	83
18	Others	Ernadu	652	5474	2334
		Nilambur	183	2150.83	775
		Perintelmanna	324	1392	1348
		Tirur	407	4700	1323
		Tirurangadi	233	2652	980
		Ponnani	260	3739	3672
19	Artisan Units	Ernadu	5	19	11
		Nilambur	35	56.38	70
		Perintelmanna	10	11	21
		Tirur	18	29	48
		Tirurangadi	0	0	0
		Ponnani	10	47	42

3.9 Service Enterprises:

3.9.1 Potential Areas for Service Industry: Tailoring, Beauty Parlour, Vehicle Service etc.

3.10 Potential for New MSMEs

Sectors like general engineering, furniture manufacturing, food processing, paper products making, garment industries, cement based industries, Garment Manufacturing, IT etc. shows a positive trend with growth. The following industries were found to be potential in the district during the investigation. Details are given below:

i. **Forest based Industries**

The district having forest land of 103417 hectares. It is about 29 % of the total area of the district. Out of which 90 % forest land is situated in Nilambur block. The district having enough forest wealth, wherein production of hard woods suitable for buildings and furniture , fire woods, medicinal plants, etc. are reported. More industries can come up on forest based products, which help to improve the employment generation in rural areas. Besides, there is good scope for seasoning and treatment of rubber wood to make them durable and stable as hard wood. There is a common facility centre for the purposes at Puzhakkattiri under cluster development programme of the government.

ii. **Wooden furniture, Door/ Window frame**

As the increasing urbanization (From 606 % in 2001 census to 44.7 % in 2011 census) and easy availability of loan facilities, and the abundance of persons working abroad, the construction of house is essential in the recent past. Therefore the requirements of furniture, door and window are rapidly increasing. If the restriction from the Forest department relaxed the carpentry work will provide more employment opportunities to a large number of people.

iii. Building construction Materials.

Malappuram District has the largest overseas population in Kerala. At least one member in one family is in abroad. It is a general trend in the district is that to make highly expansive homes and villas for their comfort stay and shopping complexes and other amenities. Hence all construction, construction materials including hollow bricks, metals, pipes, tiles etc.. has very high demand in the district.

iv. Light engineering

Light engineering is an emerging area especially in Malappuram district. The district is highly populated and as the demand for consumer goods increases, this need for light engineering also increases. The district has a good number of skilled man power in this area. There are a growing number of niches in light engineering that requires specialist knowledge. It would be difficult for one company to cover several niches. As such these are often opportunities for new player to establish themselves.

v. Biodegradable Plastic.

The district is in the process to cut down the use of conventional petroleum based plastic products especially in carry bags and use and throw products. Biodegradable plastics (examples :Poly lactic acid etc.) which is made from plastic is as best attractive to conventional non biodegradable plastics. Hence it has very good potential in this district.

vi. Honey processing plant

Demand of pure and good quality of honey is rapidly increasing world wide. It is categorized as minor forest produce (MFP). On seeing the trend, it is suggested to established a Honey processing plant in the forest borne area of Nilambur. It is an essential part of Ayurvedic medicine.

vii. Herbal Products and Ayurvedic Medicines

A number of herbal plants grow spontaneously in many parts of the district. Some of them are used for some disease by the Adivasi sects in the district. They have not yet been put to industrial and commercial use. This will give an opportunity to use the wasteland and create employment in the rural areas.

There is a lot of herbal plants are available in the district. Henna, Turmeric, Hibiscus and some other medicinal plants are also used for the natural dyes. So the district have immense scope for good natural dyes. The growth of Kottakkal Aryavydyasala and such other units in this field are examples.

viii. FOOD PROCESSING

There is good scope for setting up few number of food industries in the district for domestic as well as international market. Tapioca, Jackfruit, Mango, Banana, Areca nut, coconut Spices are the main agriculture product in the district. There is immense scope to produce the value added product using these products.

a) Coconut based products

The district is blessed with good number of coconut trees and may families generating their income from coconut. Hence coconut based food products such as coconut milk cream, packaged tender coconut water, coconut oil, treated coconut water, Neera, coconut vinegar etc. has a good potential in domestic and export market. Coir based industry offers enormous

employment opportunities. There is a vast market both domestically as well as internationally, for coconut based products. Coir pith is by product of coconut. It can be converted into organic manure. It is also used as ingredient in the production of light weight bricks, FRP doors etc.

Apart from this the kernel, coconut water, coconut shell etc are main material in the production of many value added items.

b) Tapioca and Banana.

Tapioca and banana based products has a good potential in domestic as well as export market. Both are largely available in the district and many farmers are engaged in the cultivation of the same. Products the tapioca starch, syrup, powder, chips, Banana powder, chips, pulp, flavor, fibre etc may find as unexpected opening in this area.

ix. Fruit processing Industry

Fruit processing industry plays an important role in the conservation, effective utilization of fruits produced reducing wastage and losses and generating employment and income. Fruit product is very much relishing and being preferred as a nutritious vitaminised food items. They are heavily demanded by people all over the country as well as in the global market.

During the harvesting season fruits like mango. Jack fruit, banana are available in plenty in the district. Educated unemployed are abundant in the district. As the fruit processing units are labour intensive, it will generate employment opportunities both directly and indirectly, especially for women entrepreneurs who are available in plenty.

x. Rubber based industry

As per the agricultural survey 2012-13, the cultivation rubber area increasing in the Malappuram district. The geographical structure of the district is most suitable for rubber cultivation. In the agriculture year 2012 - 13 the district have an area of 40230 hectares and the production of 800050 tones. So there is immense scope for the industry in the district.

xi. Mechanized modern dressed chicken centre

The rate of growth of poultry industry is faster than that of other sectors of food industry. If the present trend continues, it will be the single largest source of animal food in our diet. At present almost entire quantity of poultry meat is sold as fresh, un chilled meat. There continues to be an extensive trade in sale of live poultry and there is sizeable market for live and dressed meat. This scenario is now gradually giving way to organized poultry dressing operations. The most compelling reason of modernization is to improve labor, productivity and implementation of regulatory measures to ensure hygienic products.

xii. Leather and Leather products

Leather is a durable and flexible material created by the tanning of animal rawhide and skin, often cattle hide. In Malappuram district the production of cattle meat in 2012 -13 year is 45888.17 MT. Cattle meat is one of the main source of animal food in the diet of the people of the district. So this industry has a wide scope in the district.

Considering the raw material base in the district abundant availability of manpower skill for tanning, finishing and manufacturing downstream products, competitive wage level very high value addition within the country, high return of capital investment a few units could be set up for catering to the needs of domestic as well as international markets in each product.

xiii. Packaged Drinking Water

Water is consumed for drinking purposes. In India mineral water is obtained directly from natural sources or the portable water is fortified with minerals. In Malappuram there are five rivers flowing through the district. So the water sources are abundant in nature. Mineral water is bottled under hygienic condition under strict quality control before being marketed.

The ordinary water contains so many toxic elements, impurities which are fatal to human life. Even though the poor people cannot afford to purchase mineral water for daily drinking purpose, the upper middle class and higher class people are purchasing mineral water, especially in urban areas. So the demand of this product is increasing steadily with the increase in hotels, restaurant, travel, tourism, festival and urbanization etc.

xiv. Paper shopping bag

Awareness about plastic and worldwide objection on using the plastic carrier bag is mounting up today. Therefore replacement for this outgoing product is to be found out. Eco-friendly products help the nature to be balance. So the demand for the paper made shopping bags is increasing tremendously.

xv. Surgical cotton bandage

Surgical bandage is taken into the medical use. In the district the hospitals and the allied activities are increasing the surgical bandage has immense scope to develop. Surgical bandage are the products manufactured from white bleached cotton gauge cloth of suitable quality and size.

xvi. Readymade garments

Clothing is an essential requirement of every human being and readymade garments are gaining popularity because they are fashion oriented, readily available and more economical than those traditional type of ordered to stitch garments. At present there is good demand for kids garments, nighties, purdhas, pants, shirts, jeans, churidars etc. in the market.

xvii. Aluminum fabricators

Aluminium fabricated items like doors, windows, staircase, handrails, railing of verandas, corridors etc have become the standard accepted features in most modern buildings. Since the shortage of wood in the future, the industry has immense scope in the district. The use of aluminium fabricated items in business and office complexes are very extensive for functional as well as decorative purposes.

xviii. Gold jewellery

Jewellery industry is a great industry. Indian jewellery market is the largest market in the world next to china. Over the next two decades 15 million weddings to be arranged. So there is a high demand for gold jewellery in India.

In the district there have an international airport and through this airport a large quantity of gold are imported. Using this we have the opportunity to make gold jewellery in large scale because of the abundant of workforce in the district.

xix. Repair and maintance of motor vehicle

The density of Motor vehicles in the roads in Malappuram district has increased abnormally. The percapita ownership of vehicles almost 1200 per thousand household in the district. The vehicles require repair and maintenance regularly. So there is the scope for the service industry of repair and maintenance of the vehicles.

xx. Tourism

Malappuram District is famous for its natural beauty and historic part. Hence it attracts Tourist both domestic and foreign visitors. There is good opportunities for investing tourism promotion in the district.

4. Existing Clusters of Micro and Small Enterprises

There are two working clusters in the district, both belong to the manufacturing sector. There are no any cluster belongs to service sector. All the clusters in the district belong to the manufacturing sector are as follows:

1. M/s. Valluvanad Wood Consortium, Pvt. Ltd, Perinthalmanna.
2. M/s. Malappuram Metals Engineering Consortium Pvt. Ltd., Manjeri.

4.1 Details for Identified Clusters (as on 31.03.2018)

The details of each identified cluster are given in following tables.

4.1.1 Wood Cluster - Valluvanad Wood Consortium, Pvt. Ltd, Perinthalmanna

1	Principal Products Manufactured in the Cluster	Wooden Products
2	Name of the SPV	Valluvanad Wood Consortium Pvt Ltd Kottuvad, Puzhakkattiri.
3	No. of functional units in the clusters	400
4	Turnover of the Clusters	1.75 Crore
5	Value of Exports from the Clusters	-
6	Employment in Cluster	23
7	Average investment in plant & Machinery	228.9 lakhs
8	Testing needs	Nil
9	Thrust Area	Wood based
9	Presence of capable institutions	NA
10	Thrust Areas	Wood based
11	Access to Export Market	-
12	Problems or Constraints	
Present Status		CFC Completed & Functioning

Source: Source: CDO, MSME-DI, Thrissur

4.1.2 Name of the Cluster: Malappuram Metals Engineering Consortium Pvt. Ltd., Manjeri (MECON)

1	Principal Products Manufactured in the Cluster	General Engineering
2	Name of the SPV	Malappuram Metals Engineering Consortium Pvt. Ltd., Manjeri
3	No. of functional units in the clusters	500
4	Turnover of the Clusters	20 to 25 lakh
5	Value of Exports from the Clusters	NA
6	Employment in Cluster	440
7	Average investment in plant & Machinery	315.01 lakhs
8	Testing needs	NA
9	Thrust Area	Light Engineering
9	Presence of capable institutions	-
10	Thrust Areas	Light Engineering
11	Access to Export Market	Light Engineering products
12	Problems or Constraints	-
Present Status		CFC Completed & Functioning

Source: CDO, MSME-DI, Thrissur

5. General Issues raised by Industry Association during the Course of Meeting

The following are the major issues raised in the District:

1. Non availability of developed land with infrastructure facility.
2. Financial institutions are not providing project based finance to upcoming units.
3. Stringent License and clearance regulations from Govt. Depts. and agencies concerned.
4. Technological gap exists in the district as there is no significant technological or research institutions available for providing such a support to the entrepreneurs

6. Steps to Set Up MSMEs

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

Table.13: Type of Assistance and Agencies

Sl No:	Type of assistance	Name and address of agencies
1	Registration of Units under UAM	Micro, small and Medium Enterprises Development Institute (MSME-DI) Ministry of MSME, Govt. of India Kanjany Road, Ayyanthole P.O. Thrissur-680 003 (Kerala) Email. dcdi-thrissur@dcmsme.gov.in , website: www.msmedithrissur.gov.in Ph. 0487-2360536/0487-2360686
	UAM Registration Website	District Industries Centre, Civil Station Compound, Malappuram – 676 121, Ph.+91- 483- 2734812, Fax: 2734812,E-Mail: dicmlp@yahoo.in udyogaadhaar.gov.in/UA/UdyogAadhar-New.aspx
2	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.	Micro small and Medium Enterprises Development Institute (MSME-DI) Ministry of MSME, Govt. of India Kanjany Road, Ayyanthole P.O. Thrissur-680 003 (Kerala) Email. dcdi-thrissur@dcmsme.gov.in Ph. 0487-2360536/0487-2360686
3	Land and Industrial shed	District Industries Centre, Civil Station Compound, Malappuram – 676 121, Ph.+91- 483- 2734812, Fax: 2734812,E-Mail: dicmlp@yahoo.in
		Director, Directorate of Industries and Commerce, Vikas Bhavan P.O., Thiruvananthapuram, Kerala, Phone: 0471-2302774/Fax. 0471-2305493, www.keralaindustry.org/Promotion DI&C.htm
		SIDCO, Shanthinagar, Thiruvananthapuram-695001, Ph.+91-471-322046/0471-330904, www.keralaindustry.org/promotional , SIDCO(Branch Office), Malappuram

		<p>Managing director, Kerala Industrial Infrastructure Development corporation, KINFRA House, TC/31/2312, Sasthamangalam P.O., Thiruvananthapuram-695010, Tel.0471-2726585/2724773, E.mail: kinfra@vsnl.com, Website: www.kinfra.org</p> <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.cin, Website: www.csez.com</p>
4	Financial Assistance	<p>Banks,(Nationalised& Scheduled), Malappuram</p> <p>SIDBI, Finance Tower, 2nd floor, PB No.4209, Kaloor, Kochi-17, Tel:2401792, 2401793, website: www.sibdi.com</p> <p>Industrial Finance Corporation of India, Panampilly Nagar, Kochi-36, Tel:0484-2311174, Industrial Finance Corporation of India, Panampilly Nagar, Kochi-36, Tel:0484-2311174, website: www.ifcilt.com</p> <p>Indian Renewable Energy Development Agency Ltd., Lodi Road, New delhi-110003, website: www.ireda.gov.in</p> <p>Kerala Venture Capital Fund P. Ltd., 604, Pioneer Towers, Marine Drive, Kochi - 682 031 Ph: (0484) 2361279, Fax: (0484) 2373077, E-mails: kvcf@vsnl.in and kvcfkochi@eth.net</p>
5	For raw materials under Govt. Supply	SIDCO Raw Material Depot, Door No: 15/177,772,773, Industrial Estate, Manjeri P.O., Malappuram-676 121, Phone:0483-2766106, 9446730506, sidcomji@bsnl.in website: www.keralasidco.com
6	Plant and machinery under hire / purchase basis.	NSIC Ltd, S-16, GCDA Complex, Marine Drive, Shanmugham Road, Cochin 682 031,Tel: 0484-2381850/2368149 @ 2366288, Fax: 0484-2380155, Email: bococh@nsic.co.in , website: www.nsic.co.in
7	Power/ Electricity	KSEB, Malappuram
8	Technical Know -how.	<p>District Industries Centre, Civil Station Compound, Malappuram – 676 121, Ph.+91- 483- 2734812, Fax: 2734812,E-Mail:dicmlp@yahoo.in</p> <p>Micro small and Medium Enterprises Development Institute (MSME-DI) Ministry of MSME, Govt. of India Kanjany Road, Ayyanthole P.O. Thrissur-680 003 (Kerala) Email. dcdi-thrissur@dcmsme.gov.in Ph. 0487-2360536/0487-2360686</p>
9	Quality & Standard	Bureau of Indian Standards, Near FCI, Kesavadasapuram, Thiruvananthapuram, Ph.

		2558416-18, E.mail: tbo@bis.org.in , Website: www.bis.org.in
		National Centre for HACCP Certification K-Bip, 'Sri Ganesh' TC IX/2197, Kurup's Lane, Sasthamangalam, Thiruvananthapuram-695 010, Tel. -471-2311882, Fax. 0471-2311883, website: www.haccpindia.org / www.keralaindustry.org Email. info@haccpindia.org
		Dy. Agricultural Marketing Advisor, Directorate of Marketing and Inspection, Kendriya Bhavan, Block A, Vith Floor, OPP. CSEZ, Kakkanad, Kochi-682037, Ph. 0484-2424794, Website: www.agmarknet.nic.in
		Micro small and Medium Enterprises Development Institute (MSME-DI) Ministry of MSME, Govt. of India Kanjany Road, Ayyanthole P. O. Thrissur-680 003
10	Marketing /Export Assistance	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 , Website www.csez.com
		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
11	Other Promotional Agencies	Kerala Bureau of Industrial Promotion, Kurup's Lane, Sasthamangalam P.O. Thiruvananthapuram - 695 010, Phone: 91 - 471 - 2311882, Fax: 2311883, E-Mail: kbip@keralaindustry.org , bureau@vsnl.com , bureau@asianetindia.com , website: www.keralaindustry.org
		KSIDC, 2nd Floor, Choice Towers, Manorama Junction, Kochi-682016 Ph:0484-2323010/2323101 (EPABX) Fax:0484-2323011 Email: ksidckochi@eth.net Website: www.ksidc.org
		KITCO Limited, PB No. 1820, Ravipuram, M.G. Road, Cochin-682016, website: www.kitco.in
		Manager-Business Development, Techno park Campus,Thiruvananthapuram-695581, Ph. 0471- 2700 222, Email: response@technopark.org
12	Other Relevant Websites	www.msme.gov.in
		www.dcmsme.gov.in
		www.dic.kerala.gov.in
		udyogaadhaar.gov.in/UA/UdyogAadhar-New.aspx

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