

INDUSTRIAL POTENTIAL SURVEY

WAYANAD



DISTRICT INDUSTRIES CENTRE

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Preface

For preparing the action plan of Industries department in the state, it was decided to prepare the District Industrial Potential Survey Report in respect of wayanad district with a view to attain the goals and meeting aspirations envisaged in the plan. The Industrial Potentiality Survey Report focuses on the physical and geographical features, natural and human resources, present status of infrastructure, financial & technical institutions, industrial estates, etc, and this report is also beneficial for both existing and prospective entrepreneurs. Considering the above factors and the available sector-wise surplus resources in the district and demand factor, the potential industries have been identified which could be promoted in the coming years for an all round development of the district. The above report will be of immense use not only to the existing and prospective entrepreneurs but also the various central and state government organisations, banks and financial institutions, promotional agencies that are looking after the development aspects of different sectors.

The present report attempts to make analyses of resources both human & natural and suggest industries having scope for development in the district, such as value added agro and allied products, demand & skill based industries and export oriented units .Efforts have been made to access the existing infrastructural facilities, deficiencies in the district and remedial measures for further strengthening the same.

A detailed survey of the district was carried out and comprehensive data from various Government agencies like District industries Centre (DIC), District Statistical Office, Employment Office, KSEB, District Forest office and Financial Institutions etc. were collected. The study has not only analyzed the existing industrial set up but also the prospects of future enterprises development in the district.

An attempt has been made to compile all relevant information into one exhaustive Report and has been designed in such a manner that it will come in handy not only to existing and prospective entrepreneurs but also to various institutions which are directly or indirectly connected with the enterprises development of the district. Preparation of this report has been possible only by obtaining valuable information from various Central and State Government

departments, Financial Institutions, and other Institutional Agencies during the course of the survey. To all these departments, DIC Wayanad expresses its grateful acknowledgement for information made available.

Muttill

01.11.2017

General Manager

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INTRODUCTION

Aims and Objectives of the Survey

In order to assess the industrial potentialities of wayanad district, the District Industries Centre wayanad, has undertaken the industrial potential survey of Wayanad district.

Main objective of the survey was to analyze and assess the availability of resources and demand potentials so as to suggest the scope for new industries, expansion and diversification into new areas of existing industries as also to direct the efforts of the state and other development agencies in that direction for speedy industrialization of the district.

The main objective can be briefly outlined as below:

- To assess the natural and human resources including the skill.
- To identify new industries having potential for development based on resources, demand and skill available in the district
- To assess the existing infrastructure facilities and estimation of the additional requirements of industries likely to come up in future.
- To evaluate the existing industrial structure.
- Identification of small scale and tiny industries that can be started based on local resources available as well as demand based industries.
- To study the problems faced by the industrial sector, particularly the small scale and tiny sector.

Scope

The scope of the study was confined largely to the industries, which comes under the purview of Small Scale and Nano sector. Efforts were also made to explore the nature of Medium and Large industries in the district with a view to promoting ancillarisation in the district.

Methodology

The methodology adopted for the survey report consisted of both primary and secondary data. The data regarding present industrial status in the district is collected through Geo tag survey, conducted by Industries and Commerce department. All other relevant statistical data pertaining to the district is collected from different sources like Central and State Government Departments, Financial Institutions, NGO Associations and other Institutional Agencies by direct contacts and also published material where-ever available. Block level data was also collected to assess the industrial scenario of each Block. The information gathered from the offices and organizations were analyzed and processed before finalizing the report. Information thus gathered was analyzed with a view to ascertain the demand and supply gap of various products and to suggest the scope for promoting new industries in the district.

DISTRICT AT A GLANCE

Date of formation	01/11/1980
i) Latitude	11.709446 ⁰
ii) Longitude	76.095537 ⁰
iii) Geographical Area	2131sqkm
Demography	
Total population (2011) census	817420
Male	401684
Female	415736
Sex Ratio(female per 1000 males)	1035
Population Density	384/sqkm
Decadal Growth Rate	4.7%
Child population(0-6years)	92324
Per Capita income (2015-2016) Constant price	97105
Total literacy rate(2011)	89.03
Male literacy rate	92.5
Female literacy rate	85.7
Administrative setup	
Taluks	3
Villages	49
Grama Panchayats	23
Block Panchayats	4
Corporation	0
Municipalities	3

District panchyat	1
Lok sabha seats	1
Niyamasabha (Assembly) seats	3
Educational district	1
Agricultural scenario	
Total cropped area	179488 Ha
Land put to non agri uses	12649 Ha
Forest cover	78787 Ha
Gross irrigated area	17293 Ha
Net irrigated area (2015-16)	12505 Ha
Production of rice (2015-16)	23704 T
Productivity of rice (2015-16)	2575 kg/ha
Area under paddy cultivation	9204 Ha
Production of milk (2016-17)	74417510 Ltr.
Production of egg (2015-16)	22376 Lakh No
Production of Meat (2016-17)	9890 T
Average annual rainfall	1623.5 mms
Industrial status	
Large industries	1
Medium	4
Small	125
Micro	2939
No. of development plot /area	Nil
No. of Mini Industrial Estates	1

Industrial Area developed by :	
District Panchayath	5.43 acres
Block Panchayath	1.00 acres
Grama Panchayath	2.69 acres
Registered Handloom societies	3
Registered Power loom societies	1
Coir societies	Nil
Registered General Industrial societies	68
Working societies	19
Dormant societies	21
Liquidation	28
Infrastructure	
National highways	40 Kms
State highways	127.965 Kms
Total Road length	4832 km
Water ways	Nil
Railways stations	Nil
Airports	Nil
Post offices	166
Telephone exchanges	36
Number of harbors/Fish landing centre's	Nil

DISTRICT PROFILE

Wayanad district –So called the “Green paradise” is also known as the “land of Spicy Hills” for its tedious treasures. It has a long history going back for many centuries. Situated (E. long 75° 47’ 23" and 76° 26’ 40" and N.Lat 11° 30’ 08" and 11° 58’ 40"; area of 2131 Km²) in Malabar is one of the border districts of Kerala, fringing the Mysore plateau to the north east and contiguous with the Nilgris of TamilNadu. It was formed on November 1, 1980 merging parts of North Wayanad taluk of Kozhikode (Calicut) and south Wayanad taluk of Kannur District. Wayanad, is in the south west edge of the peninsular shield of India, is distinctly marked by the Western Ghats where ground elevations are above mean sea level range between 700-2100 m.

Wayanad in many respects may be regarded as Kerala’s largest hill station. It boasts the largest concentration of tribes in Kerala. The very term Wayanad seems to be derived from *vayalnadu* meaning land of the paddy fields. Strikingly scenic, with its picturesque hill stations, sprawling spice plantations, and luxuriant resorts and rich wilderness Wayanad is surely an exotic locale on the magnificent Deccan plateau.

Area and population

Total area of Wayanad district is 2131 Sq.Km. As per the 2011 census, the total population of the district is 817420 of which 785843 are rural. The census figures indicate that only 3.86 % of the total population is urban whereas the figure for the state is 47.72%. Wayanad district stands first in the case of tribal (Adivasi) population among other districts in the state. However it has a large settler population. There are people from almost all parts of Kerala were migrated to this fertile land. Wayanad has a small Jain community consisting of Gowders who came from Karnataka. Almost all sections of Christianity are well represented. One fourth population of Wayanad is constituted by Christians. Muslims constitute another one fourth population and rest of the population belongs to Hindus

Natural sub-divisions:

The district lies at an altitude of 700m to 2100m above mean sea level. With rugged terrain, hills are relatively lower in the middle of the district, while, Northern, Western and Southern areas have high hills with wild and mountainous appearance. The eastern area is flatter and open. The evergreen forest on the slopes and the deep valleys of the east abounds bamboo forests while the hills and dales of the South and West are areas of cultivation. Due to peculiar terrain, there are east-flowing and west flowing rivers in the district. The low hills are full of plantations like tea, coffee, pepper and cardamom, while the valleys have predominance of paddy fields.

Climate:

The district has a salubrious climate. The mean average rainfall in this district is continuously decreasing from year to year and presently it is 1623.5 mms. Lakkidi, Vythiri and Meppadi are the high rainfall areas in Wayanad. High velocity winds are common during the South-West monsoon and dry winds blow in March-April. High altitude regions experience severe cold. Generally the year is classified in four seasons, namely, cold weather (December-February), hot weather (March – May), Southwest monsoon (June – September) and Northeast monsoon (October – November).

Mountains:

Placed on the southern tip of the Deccan plateau, Wayanad's prime glory is the majestic Western Ghats with lofty ridges interspersed with magnificent forests, tangled jungles and deep valleys. In the centre of the district, hills are lower in height, while the northern area has high hills and they give a wild and mountainous appearance. Some the major peaks are Vellarimala, Banasura, Brahmagiri, Chembra etc ranging from 1500 to 2100 m height. Chembra is the highest peak in Wayanad and is ideal for trekking. It is popular amongst tourists for the simple reason that it provides some spectacular views of the surrounding area from its zenith.

Vegetation

Wayanad, is a land where huge mountains are overlaid with greenery proving the impact of a true green nature. The green Wayanad having a forest content of 37%, plantation of 40% and agriculture of 10% of the total land area provides rich vegetation cover to the district and it gives the calm and salubrious climate of the district throughout the year. The rich forest cover all over the boundary form a huge natural barricade for the heavy winds, and gives the high rainfall in the district. The forest of Wayanad is enriched with wide variety of flora and fauna, natural tourist spots, wild life sanctuaries etc.

Rivers & Lakes

Kabani River, one of the three east flowing rivers of Kerala, is an important tributary of the river Cauvery. Kabani and its tributaries constitute a powerful river system in the landscape of Wayanad.

The famous Pookot Lake, the only lake of its kind of the district is situated in Kunnathidavaka village, half way between Lakkidi and Vythiri on a loop road. This perennial lake has an extension of 5.23 hectares. There are no backwaters in the district. There are two dams one is Banasura sagar dam, (Asia's second largest earth dam) and second is Karappuzha dam, plays the source of water in the district. Almost the entire Wayanad district is drained by Kabani and its three main tributaries viz. Panamaram, Mananthavady and Tirunelli. Other

tributaries include Bavelipuzha and Noolpuzha. Kabani and its tributaries carved the present landscape of the district

Tourism

This land has rich in natural wonders, history and tradition. With its vast expanse of greenery, spice scented breeze, mist clapped mountains, salubrious climate, hypnotizing scenic beauty, Wayanad stands as one of the loveliest hill station in Kerala. Tourism plays a major role in the economic aspects of Wayanad district. The Government of Kerala has identified Wayanad as a Tourism destination and tourism is an emerging sector in Wayanad

Connectivity

Wayanad is well connected to Mysore , Coorg districts of Karnataka, the Nilgiri District in Tamil Nadu, Kunnur, Kozhikode and Malappuram Districts in Kerala by road. MananthavadyTholpetty road, Mananthavady-Baveli road and Sultan Battery – Mysore Road connect the district to Karnataka. It is connected to the Nilgiri District in Tamil Nadu by Sultan Batheri - Ayyankolli – Gudallur road and Vythiri Vaduvachal-Gudallur road. The three roads which connect with Kozhikode and Kannur districts of Kerala are Baveli-Tellicherry road via Peria ghat, Kozhikode road via Thamarasseri ghat and Mananthavady-Kuttiadi Road. Railway or Airway facility is not available in this district. The nearest railway station is at Kozhikode, 75 Km west of the district headquarters Kalpetta.

The district has a good network of village roads. The main road connecting Kozhikode and Bangalore is going through Wayanad. This is the major goods and passenger corridor in this district. Karnataka Government Banned the traffic through Bandipur National Park in this route from 9pm to 6am. The alternate route for this route is Kalpetta-Kainatty- Panamaram Mananthavady - Tholpetty -Kutta – Gonikoppal – Hunsur – Mysore-Bangalore. Average width of carriageway of this alternate road is 5.5 meter and the surface condition is poor. This will cause traffic congestion in the route when all vehicles from are diverted to this new route at night. 9 state highways and above 100 major district roads are there in the district.

DEMOGRAPHY

As per 2011 census, the population of Kerala is 3,34,06,061 persons which includes 1,60,27,412 males and 1,73,78,649 females. Although the Kerala accounts for only 1% of total area of India, it contains about 3% of the country population.

The total population of Wayanad district as per 2011 census is 8, 17,420, which is 2.45% of the total population of the state. Area of Wayanad district contributes about 5.5% of the state area. The total number of male and female population in Wayanad district is 4, 01,684 and 4,15,736 respectively. Wayanad is placed in the Last position within the state as far as population

size is considered. The total urban population of Wayanad district is 31,580 which is only 3.86% of the total population of the district.

Decadal growth rate of population of Wayanad district is 4.7% as per 2011 census which is less than the average growth rate of state (4.9%). The population density of Wayanad district is 384pp sq.km, which is lower than the state average of 859 pp sq.km and Wayanad has a sex ratio of 1035 which is near to the state's sex ratio of 1084. The average literacy rate of the district is 89.03 %, comparatively lower than the state average of 94.00 %

Tribal population

Wayanad district is one of the backward districts in the state with highest concentration of scheduled tribe population. The tribal settlements in the district are unique in terms of the socio cultural customs, lifestyle, indigenous technology and limited services. The scheduled tribe population of the district is 18.55% (151443) of the total population and it is 31% of the total tribal population of Kerala state. Paniya, Kattunayka, Kurichiya etc are the major class of ST communities in the district. Out of this, Paniya has more population in the district

Administrative setup

The district has three taluks; Sulthan Bathery, Mananthavady and Vythiri, and 49 villages, with the head quarters at Kalpetta. The district has four development blocks; Mananthavady, Sulthan Bathery, Kalpetta and Panamaram and three municipalities Kalpetta, Sulthan bathery and Mananthavady.

RESOURCE ANALYSIS

- **Agriculture**

Wayanad is basically agrarian, with plantation economy playing a major role. Of the total 2131 Sq.Km the district has around 37% forest area and around 50% agriculture and plantation area. The district is characterized by perennial plantation crops and spices with coffee forming the main agriculture crop. Coffee is cultivated 67414 hectares. Coffee in the district shares 37.56 per cent of the total cropped area in the district and 78 per cent of the coffee area in the state. Other major crops are pepper, coconut, areca nut, cardamom and ginger. Pepper is grown along with coffee in the north eastern parts of the district, especially in Pulpally and Mullankolly regions. The paddy, once the major crop of the district, is now cultivated in 9204 hectares and only a single crop is harvested. Much of the paddy field of the district is being converted for banana cultivation. Ginger cultivation in Wayanad has also substantially increased in recent times and paddy fields are increasingly being converted for ginger cultivation

Trees of the wild type like rose-wood, anjili , mullumurikku , etc. are still preserved here and there, to give shade to the coffee plants. These trees give a semblance of wilderness to the landscape of Wayanad. In a majority of coffee plantations, the age-old species are replaced by the silver-oak, which is suited to the cold climate. This tree grows quickly and its cultivation is widespread among coffee plantations for shade and for giving support to pepper. It is used for the plywood industry and thus is economical to the farmers. Eucalyptus grandis, a shorter variety of eucalyptus, whose fragrant smell suffuses the very air around it, is cultivated on a large scale in certain parts of the district. Eucalyptus oil is extracted on commercial basis from its leaves. Of the 21,490 hectares of reserve forest, the major portion is teak plantation. Arecanut palms and jack trees are also grown here. Tea is grown as an industry in large estates.

The hilly terrain of Wayanad is famous for its wealth of plantation crops. About 6500 hectares of land is under plantation crops, such as Tea, Coffee, Rubber, Pepper, Banana and other mixed crops. The fertile land is famous for its biodiversity and vast forest area. Hence forest resources are abundant here. Moreover agriculture being the major occupation of the people agro based industries has more scope here.

Land use pattern 2015-2016

i) Total Geographical Area	212966 Ha
ii) Forest Land	78787 Ha
iii) Non Agriculture Land	12694 Ha
iv) Cultivable Waste land	952 Ha
(v) Current fallow	2257 Ha
(vi) Other Fallow	763 Ha
(vii) Net Sown Area	113313 Ha
(viii) Land Under Misc. tree crops	40 Ha
(ix) Barren & uncultivable land	78 Ha
(x) Gross Cropped Area	179488 Ha
(xi) Area Cultivated more than once	66175 Ha

Source: Economics and Statistics Department

Crop wise Land use pattern 2015-16

Sl. No	Crop	Area (Ha)	%
1	Paddy	9204	5.13
2	Grains	0	0
3	Pulses	481	0.27
4	Sugar crops	62	0.03
5	Pepper	12498	6.96
6	Ginger	2125	1.18
7	Turmeric	192	0.11
8	Cardamom	4120	2.30
9	Arecanut	13461	7.50

10	Other Spices and Condiments	343	0.19
11	Banana	9739	5.43
12	Jack	8632	4.81
13	Mango	5107	2.85
14	Other Fresh Fruits	2333	1.30
15	Cashew	716	0.40
16	Tapioca	1888	1.05
17	Tubers	1374	0.77
18	Vegetables	1927	1.07
19	Coconut	12403	6.91
20	Other Oil Seeds	37	0.02
21	Narcotics	33	0.02
22	Tea	5306	2.96
23	Coffee	67414	37.56
24	Rubber	10790	6.01
25	Cocoa	774	0.43
26	Other Non Food Crops	8529	4.75
	TOTAL	179488	100

Source: Economics and Statistics Department

Area Production and Productivity of Major Crops 2015-16

Sl. No	Name of Crops	Area (Ha) District	Area (Ha) State	Production (Tones)	Productivity (Kg/Ha)
1	Paddy	9204	196870	23704	2575
2	Coconut	12403	790223	77 million nuts	6208 nuts

3	Banana	9739	59835	92295	9477
4	Arecanut	13461	99126	7428	552
5	Pepper	12498	85948	6593	364
6	Jack fruit	8632	92969	15 million no.s	1738 nuts
7	Mango	5107	79992	15373	3010
8	Plantain	1413	57683	10764	7618
9	Cashew	716	43090	291	406
10	Rubber	10790	550840	6200	575
11	Tea	5306	30205	14050	2648
12	Coffee	67414	84987	57850	858
13	Tapioca	1888	69405	77868	41244
14	Ginger	2125	4986	9959	4687
15	Cardamom	4120	39730	660	160

Source: Economics and Statistics Department

Block Wise Area of major Crops 2015-16

Major crops	Mananthavady	Panamaram	Sulthan bathery	Kalpetta	Kalpetta (M)	Total
Paddy	2098.32	2685.48	3268.82	1138.98	11.91	9204
Pepper	2860.99	5493.46	2582.42	1532.06	29.46	12498
Ginger	263.07	746.98	914.44	193.14	7.36	2125
Banana	3331.39	1777.2	1723.35	2682.12	224.75	9739
Tapioca	561.79	485.03	350.48	438.32	52.76	1888
Arecanut	2140.18	4284.58	3753.95	3005.42	276.55	13461
Jack	2036.73	2366.38	2428.81	1628.37	171.38	8632

- **Animal Husbandry**

Animal husbandry has considerable scope for development in this district. Though its potential has not been properly exploited, it is one of the sectors capable of bringing about speedy economic and social transformation in the rural areas. The predominance of forests and grasslands is congenial for the development of cattle wealth. Commercial poultry rearing as a subsidiary occupation has immense scope for increasing the farm income of the rural people.

Livestock sector forms an important livelihood activity for most of the farmers, supporting agriculture in the form of critical inputs, contributing to the health and nutrition of the household, supplementing incomes, offering employment opportunities. The district is abundant in fodder also. Hence cattle rearing are also a main livelihood of the people in rural areas. The cattle population is higher in the district. So there is a scope for live stock oriented as well as fodder manufacturing industries in the district.

- **Live-stock population in Nos**

Cattle	72677
Buffalo	5166
Goat	35150
Sheep	21
Pig	3577
Poultry	243456
Rabbits	12805
Dogs	25658
Elephants	6
Horse	10

Source: AH department

Meat production – MT

Item	2015-2016	2016-17
Total meat production excluding poultry	5250 T	6680 T

Total Poultry Meat	4580 T	3210 T
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● **Diary Production**

The dairy industry is well fledged in Wayanad. The peculiar climatic, geographic and cultural feature of the district is best suited for dairying. The climate is characterized by low temperature, low humidity and heavy rainfall. Soil is fertile with adequate availability of fodder. Wayanad has the highest density of milk production and second position in milk procurement in State. Here there is a constant increasing trend in milk production through dairy co-operatives for the last fifteen years.

Wayanad is a potential area for rearing cows. More than 75 per cent of the farmers in this district are earning their income by rearing cows. Total milk production is 3.13 lakh liters/day approximately and daily average procurement of milk through DCS is 203884 liters/day . There are 55 milk co-operative societies in this district, and all are computerized. The LSG's of the district especially in Mullankolly, Pulpally, Poothady and Mananthavady are the areas of high production of milk.

● **Milk Production in the District through Dairy Co-op societies (In Liters)**

Year	District	Kerala	% wr to kerala
2014-15	64018052	556877782	11.5%
2015-16	72167234	597159113	12.09%
2016-17	74417510	598808001	12.43%

● **Society Milk Procurement**

Year	Total milk procurement (in litres)	Society milk procurement(in litres)	% w.r. to total milk production
2014-15	98489500	64018052	65

2015-16	111026500	72167234	65
2016-17	114488500	74417510	65

- **Diary Production (Per capita per day availability of milk in the block)**

Block	Population	Milk production Existing(DCS) Ltr/day	Total production/day in block	Per capita availability
Sulthan Bathery	188887	53300	82000	434 g/day
Kalpetta	232063	30100	46300	200 g/day
Mananthavady	214917	61260	94250	430 g/day
Panamaram	181553	79200	122000	672 g/day
Total	817420	223860	344550	

- **Water**

Water is nature's greatest gift to mankind and a natural resource vital for the survival of life. Water is also an integral resource for the sustained development of a state. Besides various other uses of water, the largest use of water is for irrigating lands. Almost sixty percent of the world's fresh water withdrawals go towards irrigation uses. Wayanad with an average rainfall of 1623.5 mm has a great diversity and variety of climate and weather conditions. In recent years monsoon rain fall has been uncertain and highly erratic, and its distribution has been irregular throughout the year. Past years records of rain fall show a diminishing trend of rainfall in the district

Kabani River, one of the three east flowing rivers of Kerala, which is an important tributary of the Inter - state river Cauvery and its tributaries constitute the main source of water in Wayanad district. Almost entire Wayanad is drained by Kabani which in turn comes under Cauvery basin

Main tributaries of Kabani river are:- Panamaram river , Mananthavadi river , Bavelipuzha , Thirunelly and Noolpuzha

Three major projects are at various stage of implementation. The Karapuzha Irrigation Project envisages construction of a dam at Vazhavatta across Kabani River, a tributary of Kavery. It is expected to irrigate 4650Ha in Kalpetta and Sulthan bathery Blocks. The second Project aims at the construction of a dam at Mananthavady across Mananthavady River, another tributary of Kabani. Banasurasagar, a dual purpose project is proposed to be constructed across Choornipuzha, a tributary of Panamaram River. This project is expected to provide irrigation in an area of 2800 Hectare in Wayanad.

Area Irrigated source wise in 2015-16

Source	Area (Ha)
Gross irrigated area	17293
Net irrigated area	12505
Canals/Thodu	0
Wells	73
Pond	70
Bore well /Tube well	0
Lift &Minor irrigation	103
From river & Lake	13
Others	11245

Source: Economics and Statistics Department

- **Irrigation projects**

- **Karapuzha Project**

Karapuzha Project is the First Irrigation project taken up in Wayanad District. Several hill tribes and settlers from different parts of the State inhabit Wayanad with an average elevation of 780 m above sea level, lying on the eastern slope of Western Ghats. Bulk of the population is in rural and is engaged in agricultural activities. With a view to irrigate more and more area under paddy cultivation to overcome the deficiency in food grain production, the possibilities of

implementing a few major irrigation projects had been investigated in Wayanad area, out of which the Karapuzha Project was found to be the most feasible one and was taken up for execution during the 5th five Year Plan.

- **Inland waterways**

The waterways of wayanad include Kabani River and its tributaries which are not easily navigable. So inland water transport is not usually used in the district.

Back water and Surface water resources in the district

Pookode Lake is a scenic freshwater lake in the Wayanad district in Kerala, South India. Pookode is a natural fresh water lake nestling amid evergreen forests and mountain slopes at an altitude of 770 meters above sea level. It is 15 km away from Kalpetta.

Panamaram, the rivulet, which ultimately becomes Kabani River, originates from the Pookode lake. It is spread across an area of 8.5 hectares and with a maximum depth of 6.5 meters. Lying 3km south of Vythiri town, the lake is one of the most popular tourist spots in Wayanad.

Back water resource	Hectres
Pookode Lake	8.5
Karalad Lake	7

- **Surface water resources**

Kabani and its three main tributaries viz. Panamaram, Mananthawady and Tirunelli drain almost the entire Wayanad district. Other tributaries include Bavelipuzha and Noolpuzha. Kabani River is one of the three east flowing rivers in Kerala and is an important tributary of Cauvery River. Kabani and its tributaries carved the present landscape of the district. Other drainages in the district are Chaliyar and Valapattanam.

Panamaram River originates from Lakkidi and its main tributaries are Kavadampuzha, Kadaman thodu, Venniyode puzha, Karapuzha and Narassipuzha. Panamaram River joins with Mananthawady rivulet originating from Thodarmudi at an elevation of 1500m . After joining with Mananthavady River, it is known as Kabani. After entering the Karnataka State Kabani joins with Cauvery.

Surface water resource	Km	Cachment area (Ha)	Availability Mm3
Kabani	240	1934.5 Km2	-

- **Dams**

- **Banasura Sagar Dam**

The Banasura Sagar Dam is built over a tributary of the Kabini River. The Karapura irrigation dam is built over a tributary of the Kabini River. Chikkahole is one more small check Dam constructed near Nanjangud (Mysore district). The Banasura Sagar Dam is located 21 km from Kalpetta, in. It is the largest earthen dam in India and the second largest in Asia and an ideal starting point for hikes into the surrounding scenic mountains. It is an important tourist attraction. Banasura Sagar Dam is at the foot of the Banasura Hill.

Banasura Sagar Dam, which impounds the Karamanathodu tributary of the Kabani River, is part of the Indian Banasurasagar Project consisting of a dam and a canal project started in 1979. The goal of the project is to support the Kakkayam Hydro electric power project and satisfy the demand for irrigation and drinking water in a region known to have water shortages in seasonal dry periods.

In the dam's reservoir there is a set of islands that were formed when the reservoir submerged the surrounding areas. The islands with the Banasura hills in the background provide a spectacular view. It is the largest earth dam in India and the second largest of its kind in Asia. The dam is made up of massive stacks of stones and boulders.

- **Karapuzha Dam**

Karapuzha Dam is one of the biggest earth dams in India. Karapuzha Dam is located in the greenish and natural regions of Wayanad, Kerala on the Karapuzha River, a tributary to Kabini River. Construction on the dam began in 1977 and it was complete in 2004. The purpose of the dam is irrigation and it left and right bank canals are still under construction

Karapuzha Dam is located 16 km from Kalpetta. It is one of most easily reachable place in Wayanad since it can be easily accessible from nearest cities like Kozhikode, Mysore and Ooty. It is 15 Kilometers from Sulthan 89 Kilometers from Kozhikode, 131 Kilometers from Mysore, Karnataka and 60 Kilometers from Gudalur, Tamil Nadu.

- **Lakes & Backwater:**

- **Pookode Lake**

Pookode Lake is a scenic freshwater lake in the Wayanad district in Kerala, South India. Pookode is a natural fresh water lake nestling a mid evergreen forests and mountain slopes at an altitude of 770 meters above sea level. It is 15 km away from Kalpetta. Pookode is lake spread in 9 ha area near vythiri.

●Karalad Lake

Karalad lake situated near Banasurasagar dam. It is one of the beautiful lake in wayanad,The lake spreads in an area of 7 acres ,There is boating facility in the Lake. Trekking along the scenic path is exciting and enjoys natures unlimited. This Lake is located at Thariode, north of Pookote Lake, 7 km from Vythiri

●Kuruva Island

It is one of the beautiful lake in wayanad, The lake spreads in an area of 7 acres, There is boating facility in the Lake. Trekking along the scenic path is exciting and enjoys natures unlimited. This Lake is located at Thariode, north of Pookote Lake, 7 km from Vythiri.

● Fisheries

Wayanad, away from the sea, is known for its coffee and spices, but not fish by any stretch of imagination. But, till a decade ago, the hill district had a rich collection of endemic freshwater fish, its rivers, and lakes and ponds teeming with several species. Fisheries are not a main occupation of the district. Compared to other districts in the state Wayanad district has less production of fishing sector. But it is blessed with natural water bodies like rivers and manmade impoundments like ponds, tanks, reservoirs and check dams which offer tremendous potential for fresh water fish production.

When the State Fisheries Department started ‘Matsya Samrudhi’ project in 2009, there were only 400 farmers in the sector. But now around 5500 farmers are trying their luck in fisheries. The farming area went up from 20 to 255 hectares by 2017.

Details of Harvest in wayanad district

Block	2015-16			2016-17		
	No of Farmers	Area	Harvest/tonnes	No of Farmers	Area	Harvest/tones
Sulthan Bathery	1162	51.55	193.3	1423	61.42	183.34
Panamaram	1246	65.94	247.26	1354	72.08	202.40
Mananthavady	971	54.97	206.13	1264	62.91	163.39
Kalpetta	1115	45.92	172.22	1395	56.04	140.08

Kalpetta(M)	129	7.1	26.61	112	3.21	18.2
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● **Fish Production – MT**

Year	Inland
2014-15	1988 MT
2015-16	2273 MT
2016-17	2087 MT

(Fisheries dept.)

● **Minerals Resources**

The important mineral resources can be classified into major and minor mineral deposits. The Geological Survey of India has reported that quartz in the form of veins occur in many parts of the district. Mining leases were issued for the extraction of quartz deposits from Thavinjal, Thirunelly, Pulppally, Sulthan Bathery and Kaniyambetta grama panchayats upto 2007. Though, the Geological Survey of India has reported that gold occurs in the quartz veins of Wayanad Plateau in Devala-PandallurMeppadi-VythiriMananthavady and Thavinjal, Steatite grade talc in Sulthan Bathery and Molybdenite in Amabalavayal Granites, the exact ore reserve estimation and economic viability of mining has yet to be ascertained. The district is endowed with minor mineral deposits, which include, granite building stones, tile/ brick clay and ordinary sand. Of these, granite building stones are extensively mined at present

An analysis of the quantity of granite building stones quarried during the financial year 2015-16 points out that the granite building stone quarries are concentrated mainly in Ambalavayal, Mullamkolly, Vengappally Panchayts of the district. Other panchayats like Edavaka, Kalpetta, Kaniyambetta, Mananthavady, Meenangadi, Meppadi, Muttill, Padinjarathara, Pozhuthana, Thariode, Thondernadu, Thavinjal and Vellamunda are also concentrated in mining of granite building stones. In total, there were 97 granite building stones quarries and 35 crusher units in the district

The Laterite building stone is a weathered product of granite and charnockite, extensively developed in semi arid and humid tropical regions.. There are laterite deposits which are very few and seen around Mananthavady areas. Ordinary clay deposits used for the manufacture of tile and bricks have been reported mainly from Panamaram and Mananthavady grama panchayats for the last few years. Quaternary alluvial deposits of sand in river channels are

mined as river sand. The major sources of river sand are tributaries of the Kabani River, like Mananthavady puzha, Karumanthodu and Panamaram puzha

- **Forest Resources**

As the district located completely at the highland region, its climate and land use pattern shows significant difference from all other districts of Kerala. About 37% of the total area of the district is covered by forest. Most of the border grama panchayats in this district is holding large extent of forest area. Major share of land area other than forest land use is used for plantations and agricultural activity

There are two Territorial Forest Divisions, one Wildlife Division and a Social Forestry Division in Wayanad District. The North Wayanad and South Wayanad territorial divisions coming under the Northern Forest Circle. Among the Divisions Wildlife Division (344.44km²) has the largest forest area and North Wayanad Division has the smallest area (222.3968km²)

- **Reserved forest and vested forest**

Reserved forests means the forests reserved under section 19 of the Kerala Forest Act, 1961 (4 of 1962) and includes forests notified under section 4 of the said Act and Vested forests means any forest vested in Government under section 3 of the Kerala Private Forests(Vesting and Assignment) Act, 1971 (26 of 1971).

details of reserved forest and vested forest in the district

No.	Division	Natural (Reserved forest) (Km ²)	Vested (Km ²)	POB (point of begening) land (Km ²)
1	South Wayanad	67.60	232.55	
2	North Wayanad	134.024	74.3702	15.064
3	Wildlife Division	24.295		10.149

- **Trees used for industrial purposes**

Other than the conservation of forests the department has to raise teak and softwood plantation with a view to meet the increasing needs of timber and industrial woods and to increase the revenue returns by way of extractions of timber and industrial raw materials Wide variety of trees like Eucalyptus, Acacia, Bamboo, Rose wood, Anjili etc are growing in the district forest area and these trees are used for plywood manufacturing, furniture, construction activities, etc . So the Wayanad forest is a good economic generator in the state

In terms of the economic returns, the forest divisions of the district are variedly placed. The Plantations of teak and softwood species are taken in various divisions with a view of accruing direct economic returns. Teak still enjoys the status of primary wood, fetching very high prizes in the auction sale of Kozhikode Timber Sales division. The revenue is generated through thinning and final felling of the Teak plantations. A good quality teak timber fetches a prize of 1.25 Lakh per m3.

- **Forest Plantation with Division (In Hectre)**

Item	Area (in Hectres)
Hard Wood	10892.902
Soft Wood	1697
Bamboo/Cane	1452.6
Others	7448.049
Total	21490.551

- **Species wise distribution of plantation area as on 31.03.2016:**

Species	Area (in Hectres)
Teak	10280.432
Teak & Soft wood	3134.58
Accacia	75
Eucalyptus	1366.29
Cane	778.6
Bamboo	664
Rose wood	10
Mahagoni	48.5
Pepper	30

- **Human Resources**

Wayanad district is having a total population of 817420 not otherwise specified of which 401684 are male and 415736 are female. Sex ratio is 1035 females for 1000 males. Population density is 384 per sq km. Literacy rate is 89.03%. Apart from a number of schools and polytechnics, Kerala Veterinary and Animal Science University, Government Engineering College and other Arts and Science Colleges are Functioning in the district.

(A)	Total Population	817420
	i) Male	401684
	ii) Female	415736
	Population Density/ Sq. Km	384
	Sex ratio (No. of females/1000 males)	1035
(B)	Rural Population	
	i) Male	386283
	ii)Female	399557
(C)	Urban Population	
	i)Male	15401
	ii)Female	16179
(D)	Population in age group 0-6	
	i)Male	46994
	ii)Female	45330
	Sex ratio	965
(E)	No. of Literates (Total)	645585 (89.03%)
	i)Male	328136 (92.5%)
	ii)Female	317449 (85.7%)

(F)	SC/ST Population	
	i)SC	32578
	ii)ST	151443
	iii)Others	nil
(G)	Workforce availability	
	i) Male	228639
	ii)Female	111438
(H)	Main Workers Total	263445
	Cultivators	46410
	Agrilabourers	69133
	Household Industry Workers	2917
	Other workers	144985
(I)	Marginal Workers Total	76632
	Cultivators	6349
	Agrilabourers	32497
	Household Industry Workers	1657
	Other workers	36129

Source: population census 2011

- **Education:**

Education Institutions	Govt.	Aided	Unaided	Total
(a) Primary school	90	47	9	146
(b) Upper Primary schools	21	41	7	69

(c) High Schools	60	25	5	90
(d) Higher Secondary schools	36	20	5	61
(e) VHSS	8	1	1	10
(f) Technical Schools	2	-	-	2
(g) Polytechnics	2	-	-	2
Colleges				
(a) Arts & Science	2	4	10	16
(b) Engineering College	1	-	-	1
(c).Medical College	-	-	1	1
(d).Veterinary College	1	-	-	1
(e) Dairy Science College	1	-	-	1
(f) Nursing College	1	-	3	4
(g) Pharmacy College	-	-	-	-
(h) Training College	-	3	3	6
(i) ITI	2	-	2	4

Source: Education department

MEDICAL FACILITIES

Public Health	2014-15	2015-16	2016-17
Allopathic Hospital	35	36	36
Beds in Allopathic hospitals	1422	1422	1422
Govt. Ayurvedic Hospital	3	3	3
Ayurveda Dispensaries	24	24	24
Homeo Hospital	1	1	1
Homeo Dispensaries	29	29	29

Community Health Centers	9	9	9
Primary Health Center	22	23	23
Mental Health care	1	1	1
Sub Health Centers	204	204	204
District TB Centre	1	1	1

➤ Employment

The Wayanad district employment exchange functions at Kalpetta. Two town employment exchanges also are functioning at Mananthavady and Sulthan Bathery. A mobile employment exchange functions under the Integrated Tribal Development Project, especially for the scheduled tribes. Districts employment exchange has a unit for career guidance and another for self-employment schemes. 27791 candidates have registered as on 2016-2017 of these 16942 are women, 2898 are belonging to SC communities, 2778 are belonging to ST communities and 22115 are under the General category.

- **Unemployed persons registered under Employment Exchange as 31.03.2017**

	General	Scheduled Caste	Scheduled Tribe	Total
Male	8549	1195	1105	10849
Female	13566	1703	1673	16942

Below X	X	+2	Graduate	P G
3864	14851	6603	2279	164

Source: Employment office

- **Travel and Tourism**

Wayanad is a quiet place where scenic beauty, wildlife and tradition matters. Simplicity is a virtue and beauty still blossoms from the mountainous horizon and from the green glaze of alluring vegetation. Clean and pristine, enchanting and hypnotizing, this land has a history and

mystery, culture and social epistemology yet to be discovered. Not one or two places, but a number of places create a unique character for the district. It is because of their picturesque location, special features and natural surroundings; it has created a distinct place in the Tourism map of Kerala.

Classification of Tourism viz. Natural, Wildlife, Cultural and Water bodies are following

Natural (that come under the Forest region)	Wildlife(that come under the Forest Region)	Cultural & Heritage(Historical Importance)	Leisure/Water Bodies(that come under the Forest Region)
Chembra Peak, Sunrise Valley, Phanton Rocks, Kuruva Island, Lakkidi View Point, Kolagappara, Neelimala	Muthanga Wildlife Sanctuary, Tholpetty Wildlife Sanctuary, Pakshipathalam.	Thirunelly Temple, Sita Devi Temple, Valliyoor Kavu Temple, Kaleeswary Temple, Jain Temple at Sulthan Bathery, Ruined Jain Temples at Panamaram, Chain Tree, Wayanad Heritage Museum, Pazhaasi Tomb, Pazhassi Park, Edakal Caves, Pallikummu church, Bavali mosque, Korom mosque, varambeta mosque, Mavilamthode, Thalakkal Chandu Smarakom	Pookode Lake, Soochippara Waterfalls, Meenmutty Falls, Banasura Dam, Karapuzha Dam, Sential Rock water Falls, Kanthapara waterfalls.

INFRASTRUCURE FACILITIES

- **Transportation :**

Transport or transportation is the movement of people, animals and goods from one location to another. Modes of transport include air, rail, road, water, cable, pipeline and space. The field can be divided as infrastructure, vehicles and operations. Transport is important because it enables trade between people, which is essential for the development of civilizations. Transport infrastructure consists of the fixed installations including roads, railways, airways, waterways, canals and pipelines and terminals such as airports, railway stations, bus stations,

warehouses, trucking terminals, refueling depots (including fueling docks and fuel stations) and seaports. Terminals may be used both for interchange of passengers and cargo and for maintenance.

- **Roads**

Roads are important channels for movement of people, and the development of road network in any settlement is the physical manifestation of the extent and direction of the mobility of the people to satisfy their requirement in day to day activities, for work, recreation and living.

Road density of Wayanad is around 3.75 km/1000 population, which is high compared to national average (2.6 Km/1000 pop) and below the state average (4.7 Km/1000 pop). Road density of most of the panchayat is above 1Km/Sq Km

National highway 766 - 40 Km

National Highway 766 (NH 766) (Old NH 212) is a National Highway in Southern India. NH 766 connects Kozhikode in Kerala with Kollegal in Karnataka via Mysore. Of the total distance of 272 km, 117 km is in Kerala and 155 are in Karnataka. At Kollegal, it joins National Highway 209, which connects Bengaluru and Dindigal. At Gundlupet in Chamarajanagar district of Karnataka, NH-67 which connects Ooty and Coimbatore also touches NH-766. The part of national highway passing through wayanad extends to 40 kms.

The highway passes through dense forests of Western ghats of India. The NH-766 passes through Bandipur National Park and other reserve forests. The rapid rise in traffic of vehicles in this highway has led to deaths of wild animals due to the speeding traffic, even though vehicles are not allowed from 9 P.M to 6 A.M in some stretches. The section of the road from Lakkidi in Wayanad to Adivaram (Thamarassery) called as Wayanad Churam (A hill highway with nine hairpin bends) extending to 12 kms offers a scenic drive.

State highways

There are 9 state highways in the district with total length of 128.95 KM

Sl No	Name of Road	Starting point	Finishing point	Length in KM
1	CVG Road(Chundel Vythiri-Gudalur	Chundel at km 67/000 of NH:766	Choladi-Tamil Nadu State Border	30.07
2	Kalpetta Varambetta road	Kalpetta at km 72/400 of NH:766	Padinjarathara at km 82/00 of SH 54	17.72
3	Thalassery-Bavali Road(68/200 to 81/000)	Boys Town at km 68/200 of TB Road	Mananthavady at km 81/000 of TB Road	12.80
4	MananthavadyKalpetta	Mananthavady	Kainatty at km 76/00	30.80

	Road 0/000 to 30/800		of NH:212	
5	Kalpetta Meppadi road	Kalpetta at km 72/00 of NH:766	Kappenkolly at km 75/800 of CVG road	7.00
6	Meppadi-Chooralmala Road	Meppadi-at km78/050 of CVG Road	Chooralmala at km 69/650 of SH 59	12.80
7	Chooralmala - Aranappuzha Road	Chooralmala at km 69/650 of SH 59	Aranappuzha at km 75/650 of SH 59	6.00
8	Vythiri- Tharuvana Road 23/600 to 31/590	Padinjarathara at km 82/00 of SH 54	Tharuvana at km 10/240 of M.P.Road	7.99
9	Mananthavady- Pakramthalam Road 6/470 to 10/240	4 th Mile at km 6/470 of M.K. Road	Tharuvana at km 10/240 of M.P.Road	3.77

Sl No	Type of Road	Total length in Km
1	National Highway	40
2	State Highway	128.95
3	PWD Roads	323.12
4	Other District Roads	79.5
5	Village Roads	4260.72

- **Railways**

At present there is no railway line in the district. Other than Idukki, Wayanad is the only district in the state without railway connectivity. However railway lines extended up to Nilambur from Shornur and Nanjangud from Mysore, Nanjangud – Nilambur rail when Materializes will go a long way in improving the accessibility of Wayanad. The survey related with the proposal for Nanjangud – Nilambur railway line already started.

- **Airport**

Air port is also not present in Wayanad district. The nearest airport is Calicut International airport, which is around 100 Km from Kalpetta, the district head quarters. The proposed airport at Moorkanparambu (Kannur District) will be a gift for Wayanad too, since it is located very near to the North West boarder of Wayanad.

➤ **Communication**

Communication plays a very important role in the development of a nation Earlier people communicated with each other by making simple sounds and also through gestures. With the introduction and usage of languages, ideas could be expressed in a better way and this resulted in better communication. At present, we use various means for communication

In the present Scenario Communication means Exchange of information by voice and data. Communications require a sender, a message, a medium and a recipient. Communication in India spreads from G to 5G (Graham bell to 5th generation). It is playing a vital and significant part in national building. BSNL now providing voice communication as well as data communication. BSNL giving very important emphasis for rural communication. Other than BSNL Idea, Vodafone, Airtel, Reliance, etc are the other agencies that provides communication facilities in the /district.

Statistics of area served by BSNL as on 31.03.2017

1. Area served - 2131 km²
2. No. of Telephone exchanges – 36 (Main – 3 & Remote – 33)
3. Data ccts circuits working - 220
4. ISDN Connection working – 50
5. No. of Broad Band connection working – 10619
6. No. of GSM Tower working - 133
7. No. of 3G Tower working – 60
8. Equipped capacity Land line – 50940 Nos
9. Working connection land line – 26240 Nos
10. Penetration (Land line to Broad Band connection ratio) –40.47%
11. Total No of Post Offices -166

➤ **Electric power:**

Electricity is one of the basic necessities in human life. Uninterrupted and quality electricity at reasonable cost is one of the most important requirements for the development of a country. There are no powers generating stations in Wayanad district. About 450MW of hydel power identified in the district in various projects is under investigation stage. No commercial wind power potential could be so far identified; even though areas like Thalappuzha and Padinjarathara are expected to have wind potential. Solar power can be tapped to the extent possible, as the regulations in this regard are in force. At present, the source of electricity in the district is through import from Mysore at 220kV substation, Kaniyambetta

- **Conventional Energy**
- **Consumption pattern :**

Category	No of Connections	Percentage of consumption to total
Domestic	228513	73.14
Commercial	41819	11.94
Agriculture	4629	1.42
Industry	2289	5.5
Others	5889	8

(Source:KSEB)

- **Non conventional Energy**
- **Consumption pattern (Solar Energy)**

Category	Capacity
Domestic	Nil
Commercial	516 KWA
Agriculture	Nil
Industry	Nil

- **Power transmission network**

400 Kv Sub-station	0
220 kv “	1
110 kv “	0
66 kv “	4
33 kv “	4

- **Distribution**

SI No	Particulars	KSEB
1	Number of distribution transformer	1826
2	Number of consumers	283139
3	Length of HT line (km)	1809.68
4	Length of LT line (km)	8848.46
5	Number of street lights	12230

➤ **Banking**

Lead Bank of District is Canara Bank

The district credit plan outlay for 2016-17 is 3870 crores, of which Rs.3600 crores has been earmarked for lending to priority Sector. Further, adequate flow of credit has been envisaged for important sectors like Agriculture-2720 crores, MSME-480 crores, and other priority sectors-400 crores.

List of Banks in Wyanad District

A. Nationalized Banks

SI No	Name of Bank	Semi Urban	Rural	Total
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1	Andhra Bank	1	-	1
2	Bank of Baroda	1	-	1
3	Bank of India	1	-	1
4	Canara Bank	14	1	15
5	Central Bank of India	3	1	4
6	Corporation Bank	2	-	2
7	Indian Bank	1	-	1
8	Indian Overseas Bank	2	-	2
9	Punjab National Bank	3	-	3
10	State Bank of India	20	2	22
11	IDBI	2	-	2
12	Syndicate Bank	5	-	5
13	Union Bank of India	2	-	2
14	Vijaya Bank	6	-	6
15	Kerala Grameen Bank	28	3	31
16	Uco Bank	1	-	1
	Total	92	7	99

B. Private Sector Banks

Sl No	Name of Bank	Semi Urban	Rural	Total
1	AXIS Bank	1	-	1
2	Catholic Syrian Bank	3	-	3

3	Dhanalakshmi Bank	1	-	1
4	Federal Bank	5	-	5
5	HDFC	3	-	3
6	South Indian Bank	6	1	7
7	ICICI	2	-	2
	Total	21	1	22
	Grand Total	113	8	121

C. Co-operative Sector Banks

Sl.No.	Bank	No of Branches
1.	State Co-operative Bank	1
2.	District Co-operative Bank	35
3.	Service Co operative bank	27
4	KFC	1

Source: LDM

- **District Level banking statistics(Rs in Crores)**

Sl No	Description	March 2013	March 2014	March 2015	March 2016	March 2017
1	No of branches	160	166	178	182	188
2	Deposits	2348	3071	3631	4142	4789
3	Advances	3070	3481	4097	4718	5319
4	P S Advances	2206	2605	2993	3206	4644
5	C.D Ratio	131%	113%	113%	114%	113%

- **Credit flow to MSME & Rural industries sector (Rs in Lakhs)**

2012-13	2013-14	2014-15	2015-16	2016-17
3791	11656	35080	44330	48253

- **Industrial Land**

The district industries centre functions at Muttill. Taluk industries offices are functioning in Vythiri and Mananthavady Taluks. In Sulthan Bathery a Mini Industrial Estate having 14 sheds is functioning under the control of SIDCO.

Land has been purchased to start industrial estates in Edavaka, Mananthavady, Kaniyambetta and Poothady under the project of District panchayat. There is only One KINFRA industrial park in wayanad and it has 52 acres of land and all are allotted. Around 350 acres of land is proposed for setting up a Mega food park at Varyad.

- **Details of Industrial Land Identified From Local Bodies**

Name of Block / Municipality	Name of Panchayat / Village	Village	Land	Vacancy / Availability of land	Remarks
Mananthavady	Mananthavady	mananthavady	2 acre	2	1 acre earmarked for multistoried
Panamaram	Kaniyambetta	Kaniyambetta	1.17acre 1.26acre	1.47 1.26	unused
	Poothady	Poothady	1 acre	1	unused
Mananthavady	Mananthavady	Vemom	1 acre	1	unused
Sulthan Bathery	Sulthan Bathery (M)	Sulthan Bathery	98 cent	98	2 shed built by municipality
	Ambalavayal	Ambalavayal	61 cent	51 cent	10 cent used for nutrimix unit
Mananthavady	Edavaka	Edavaka	1.1acre	1.1	Proposed for modern rice mill

Details of Industrial Estate and Park

Sl. No.	Name of Taluk / Block	Location / Village	Total land	Owner ship of land	Infrastruture availability	Remarks
1	Kalpetta(M)	Kalpetta	52 acre	KINFRA	All facilities	Balance 6 acre
2	S.Bathery(M)	S Bathery	14 sheds	SIDCO (MIE)	14 sheds	4 shed to DIC completely used

- **Research centers**

1	M S Swaminathan Research Foundation, Community Agrobiodersity Centre, puthoorvayal, Kalpetta.
2	Regional Agriculture Research Station, Ambalavayal.
3	UPASI Tea Research Foundation Regional Centre, Meppady.
4	Regional Coffee Research Station, Perumthatta, Chundale.
5	Kerala Veterinary & Animal Science University, Pookote, Lakkidy.

- **Incubation Center**

A Business Incubator will be a coordinating mechanism for Enterprise and Employment Generation which provides Technology & Infrastructure support, Skill & capacity building with market requirements, Business Planning, mentoring support, Financial & Market linkages, hand holding and Intensive technology infusion etc. for new entrepreneurs who have innovative ideas but are unable to invest heavily at the initial stage. Business Incubation Centre was established at District Industries Centre.

PRESENT INDUSTRIAL STATUS

Total no of MSME units in wayanad district, as on 31.03.2017, is around 3000. Most of the industries are located in Kalpetta , Sulthan Bathery, Meenangadi , Mananthavadi , Panamaram and Pulppally. Industries in the district consist of mainly micro and small enterprises. Kerala Government has classified Wayanad as an “**industrially backward district**” along with Idukki. There are 68 Industrial Co-operative societies registered in the district of which 4 of them are handloom societies. Of the 68 industrial co op societies 19 of them are working, 21 of them are dormant and 28 of them are liquidated.

- **Industry at a glance**

1	Total Industrial Units	3069
2	Total Investment	44041 lakh
3	Total Employment	9842
4	Employment in Large and Medium industries	243
5	No of DA/DP	Nil
6	No of MIE	1 (SIDCO)

- **Category wise MSMEs**

	Micro	Small	Medium	Large	Total
Number	2939	125	4	1	3069
Investment in lakhs	25448	12970	4272	1351	44041
Employment	7427	2172	153	90	9842

Major MSME units in the district (As on 31.03.2017)

Sl. No.	TYPE OF INDUSTRY	NUMBER OF UNITS	EMPLOYMENT
1	Readymade and Tailoring	483	1093
2	Flour Mill	186	305
3	Grill & Gates	113	356
4	Cement Hollow Bricks	98	387
5	Automobile works	91	215
6	Beauty Parlors	73	121
7	Digital Studio & film making	67	108
8	Bakery Products	61	280

Year wise growth of MSMEs

No of units		2012-13	2013-14	2014-15	2015-16	2016-17
Micro	Manufacturing	277	221	279	265	248
	Service	81	106	95	67	83
Small	Manufacturing	7	8	8	17	28
	Service	2	1	6	21	13
Medium	Manufacturing	1	0	1	0	1
	Service	0	0	0	0	0
Total		368	336	389	370	373

Employment growth of MSMEs

Employment		2012-13	2013-14	2014-15	2015-16	2016-17
Micro	Manufacturing	1299	995	1218	1153	835
	Service	246	301	360	195	207
Small	Manufacturing	73	145	82	178	220
	Service	10	43	51	82	44
Medium	Manufacturing	62	0	65	0	20
	Service	0	0	0	0	0
Total		1690	1484	1776	1608	1326

Unit set up by Kudumbasree

Kudumbasree mission gives support to establishing small scale industrial units in addition to other activities. Following are the panchayat wise Micro Enterprises (MEs) set up by kudumbashree in the district.

Sl. No	Panchayat	MEs	Sl. No	Panchayat	MEs
	Kalpetta (M)	87		Mananthavady Block	
	Kalpetta Block		1	Mananthavady	33
1	Kottathara	10	2	Edavaka	13
2	Meppadi	9	3	Thavinjal	18
3	Muppainadu	29	4	Thirunelli	55
4	Muttill	19	5	Thondernad	10
5	Padinjarathara	29	6	Vellamunda	11
6	Pozhuthana	8		Total	140
7	Thariyodu	7		Panamaram Block	
8	Vengappally	15	1	Panamaram	25
9	Vythiri	15	2	Kaniyambetta	9
	Total	141	3	Mullankolly	37
	Sulthan bathery Block		4	Poothadi	5
1	Sulthan bathery	17	5	Pulppally	70
2	Ambalavayal	49		Total	146
3	Meenangadi	12			
4	Nenmeni	17			
5	Noolpuzha	23			
	Total	118		District Total	632

• Working Cooperative Societies

Category and Nos	No of members	No of workers	Whether SC/ST	Extend of land	Machinery value
Handloom and Power loom Multipurpose society-1	487	24	-	13.4 acre	77 lakh
Handicraft-1	10	10	-	3 cent	1 lakh
Other ICS-18	956	198	SC/ST-5	4.5 acre	40 lakh

- **Entrepreneurship Development Club (ED Club)**

Entrepreneurship Development Club is a scheme set up in schools and colleges of the State to inculcate Entrepreneurial Culture amongst youth and equip them with the skills, techniques and confidence to act as torch-bearers of Enterprise for the new generation. The objectives of Entrepreneurship Development Club are to inculcate entrepreneurship qualities, to sensitize industrial scenario of the state, to nurture the latent entrepreneurial talent, develop

awareness among its members of the attitudes, values, and skills of successful entrepreneurs around the globe, etc. In the district 10 ED Clubs are functioning in schools and colleges.

- **Cluster Activities**

- **❖ Kalpetta Bamboo Cluster**

Established under Scheme of fund for Regeneration of Traditional Industries (SFURTI) of KVIC, Ministry of MSME. Implemented through Uravu Indigenous Science & Technology Study Centre, Thrikkaipetta, Wayand.

- **Major Export units**

Sl No	Name & address of the unit	Major products	Country
1	M/s.N J Spices, Kainatty, Kalpetta	Graded coffee beans	Switzerland, Greece
2	M/s. Veekey shoes & allied products India pvt. Ltd. Kinfrapark	Foot wear	Saudi Arabia, Malaysia
3	M/s.Plast pack, Arivayal, S bathery	Jewellery Box	Middle east, Srilanka
4	M/s. Bluestar .coffee curing works, malakara	Robesta coffee A1,AA1,AB1,PB	Italy
5	M/s. Ashique chemicals and cosmetics, S bathery	Dr.Wash washing soap & toilet soap	UAE
6	M/s.Aswin spices, S bathery	Garbled pepper	Singapore
7	M/s. Wayanad Social service Society, Mananthavady	Black pepper, Organic White pepper, Organic Cardamom	Germany, Belgium, UK,Australia, Netherlands, Denmark,USA,Franceand Hongkong

8	M/s. Neelagiri coffee works, Kelloor, Mananthavady	Graded coffee	Gulf and European countries
9	M/s.Emil trader's pvt. Ltd ,Meenanagadi	Graded coffee	European countries

- **Problems expressed by the existing Entrepreneurs**

The major problems that retard the development of the district are identified:

- ❖ The inadequacy of Entrepreneurship
- ❖ Lack of timely credit flows and increased interest rate from financial institutions.
- ❖ Lack of proper marketing support.
- ❖ Absence of modernization and technology up gradation in traditional sector.
- ❖ Procedural delay for issuing clearances, licenses, power connection etc.
- ❖ Lack of IT support to agricultural and marketing sector.
- ❖ Un utilization of the inherent abilities of the tribal people.
- ❖ Lack of proper transport.
- ❖ Lack of utilizing of export Facilities.
- ❖ Extensive use of pesticides.
- ❖ Lack of value addition products.

- **Suggestions:**

The above problems can be overcome by the proper interference by giving training to the entrepreneurs, having discussions with the financial institutions, supplying adequate marketing assistance using the facilities available and Information technology support for marketing as well as modernization. Simplifying the Procedures for licenses and clearances can be recommended. Proper transport facilities have to be enhanced, including the proposal for Feeder Airport and air-conditioned carry vans. Directing the farmers to turn to organic farming and proper research on pest control through organic methods can be adopted.

- **Major industrial units in the district**

- Ashique Exports Pvt Ltd, S.Bathery
- Akhin Chemicals Pvt Ltd, S.Bathery.
- ST Mary's Spices & Condiments ,Perikallor
- Victory Soaps & cosmetics Pvt Ltd, Kinfra Park, Kalapetta.
- Wayanad Agro movement Tea Company Ltd, Mananthavady.
- Modern Abattoir and meat processing centre. Brahmagiri
- Royal Furniture, Mananthavady.
- Athira food Products , Mananthavady
- Wayanad metal Ponnada, kalpetta
- Oriental Coffee Curring Works, Mananthavady
- VEEKESY Shoes & Allied Products Pvt Ltd, kinfra
- PK Cement Products, Pariyaram ,Muttill
- AL Ameen Hollow bricks ,Mananthavady
- Rubiyan food factories Pvt Ltd,kinfra
- NTA Metel Roofing,kinfra
- Neelagiri Coffee Curing Works, Mananthavady
- Devi sands, Muttill
- Blue star coffee curing works , S.Bathery
- Ergo foam ,Kinfra
- Excel food Product, Kinfra
- Jyothi Laboratories Pvt Ltd, Kolagappara
- CBM. Enterprises quarry unit, Mattappara.
- Plast pack, kalpetta

There are no PSUs in the district

DISTRICT POTENTIAL FOR FUTURE INDUSTRIES

This high altitude district with its special geographic as well as climatic and socio economic conditions offers a very good opportunity for industries to flourish. Lots of industrial opportunities are open to the entrepreneurs here. Agro based, Transportation, Construction, Food based, Clothing, etc are some of the Need based industries that can be formed in the district. Agro based, Forest based, Food based, Tourism based, etc are resource based industries and Travel and tourism, Transportation, Water based industries, Handicrafts, Meat and fish products etc are some of the market based industries that can be formed in the district.

➤ **Agro & Food Based Industry**

Food and Agro-based industries represent the most indigenous sector in Wayanad. Basically being an agricultural district, this sector also holds tremendous prospects for growth and also food processing is a natural extension of the agro-sector. Sulthan Bathery and Mananthavady have a high concentration of units followed by Panamaram and Pulpally. The central and central-west panchayats are devoid of such units, possibly on account of low levels of farming and consequent availability of raw materials locally. There is high prospect for the growth of the sector, given the fact that the agro and dairy sector in the district have not been tapped to full potential

Wayanad comes the first and second position in the state for the production of different crops like pepper, ginger, cardamom, tea, coffee and banana. But most often, these agro-products are taken out of the district in raw form. Rarely value-addition is done, even at the primary level, in the district. Even the need for drying units has not been adequately addressed. The potential for such primary processing units is immense in Wayanad. Pepper is grown largely along with coffee in the north eastern parts of the district, especially in Pulpally and Mullankolly areas .A cursory look at the spices' production in the district reveals the same.

Comparison of crop-wise area and production of some crops in the District and State

Crop	Area in Hectors		Production in Tones		
	Wayanad	Kerala	Wayanad	Kerala	Percentage
Ginger	2125	4986	9959	22044	45 %
Pepper	12498	85948	6593	42132	16 %
Banana	9739	59835	92295	536155	17 %
Tea	5306	30205	14050	57898	25 %
Coffee	67414	84987	57850	69230	84 %

From the above figure it is seen that from the state the major production of Coffee and Ginger is in Wayanad district - the potential for value addition, and subsequent

employment generation, is tremendous. Also Wayanad district produce 25 % of tea and 17 % of banana comparing to the state. But the percentage of value addition carried out within the district is insignificant. Therefore there is urgent need to encourage primary value addition, as the short- term measure- and thereafter to go for end products, so as to generate economic activity and industrialization in the district

Wayanad is a potential area for rearing cows. More than 75 per cent of the farmers in this district are earning their income by rearing cows. Total milk production is 3.13 lakh liters/day approximately.

Fodder production is the most important tool for reducing the cost of milk production and play key role in profitable and sustainable dairy farming. The area where more fodder cultivated are Mullankolly, Pulpally, Poothady, Nenmeni, and Thavinjal grama panchayats.

❖ **Garment Industries**

The world of clothing is always changing, as new cultural influences meet technological innovations. Researchers in scientific labs have been developing prototypes for fabrics that can serve functional purposes well beyond their traditional roles, for example, clothes that can automatically adjust their temperature, repel bullets, project images, and generate electricity. Researchers are working on creating textiles with designer bacteria that survive off of "dead" skin and sweat reducing the need to wash cloths, but could also potentially eat living flesh. Such bacteria could also be used to create bio luminescent fabrics. Some practical advances already available to consumers are bullet-resistant garments made with Kevlar and stain-resistant fabrics that are coated with chemical mixtures that reduce the absorption of liquids.

The garment and readymade industry is a dominant sector in the district, in terms of number of units. In terms of geographical distribution spread, it is well spread out over all LSGs. Highest concentration is naturally in semi-urban areas like Sulthan Bathery and Mananthavady . Although the raw materials are not available in the district, they are brought from Karnataka and Tamilnadu and provide steady employment to a large population, mainly for women. The sector is not a fixed capital intensive, but requires large working capital.

➤ **Construction Industry**

This sector is evenly spread out over the district. The central and central-south-east LSGs are lacking as they are mostly agricultural or forest areas. Heavier concentration is seen in the semi-urban areas of Sulthan Bathery and Mananthavady. Reasonably good presence is assured in other LSGs. General Engineering requires uninterrupted power supply and that is not guaranteed in the district. The potential of this sector is directly linked to the construction sector and construction industry is the most flourishing industries in the district. It warrants a lot of job opportunities as well as construction material producing industries.

➤ **Wood based Industry**

The wood based sector faces pressure from environmental circles. However, it has established itself in Wayanad due to the ready and ample availability of raw materials. The future potential for this sector is severely restricted. Majority of the units were set up years ago. No expansion is possible under the prevailing circumstance and so needs to be progressively discouraged due to environmental concerns.

➤ **Repair and Service Sector**

Repair and Service sector is another important sector in the district. This sector also spread all over the district, mainly semi urban areas like Sulthan Bathery, Mananthavady, Panamaram and Kalpetta.

➤ **Forest and Plantation based Industry**

Herbal products are getting international attention. Hence, forest with its rich source of medicinal plants should be preserved and new plantation based on medicinal plants may be developed on commercial basis There is great scope for Ayurvedic drugs manufacturing units. These units require a lot of herbs, other medicinal plants, sesame oil, Jaggery, fruits, tubers etc.SH Groups Kudumbasree and Horticulture sector are linked together with these manufactures and their consortium, the local people can engage Herbal garden and can supply on regular basis with mutually agreed pricing terms. This is mutually beneficial to manufacturers and cultivators

➤ **IT Industry**

IT industry is a vast developing industry in the state. Wayanad district does not have an IT industry but the district has great possibility of setting up an IT park. The easy accessibility of Mysore and Bangalore and the weather condition is highly suitable for setting up an IT park in the district.

➤ **Tourism based Industry**

Tourism plays a major role in the economic aspects of Wayanad district. The Government of Kerala has identified Wayanad as a Tourism destination and tourism is an emerging sector in Wayanad. The scenic beauty and rich heritage sites of Wayanad offer several opportunities for tourism expansion in the district. While analyzing the tourism statistics it is seen that the number of tourist visiting wayanad is increasing every year.Approximatly 10 lakh forieners visit in wayanad for the last year. Around 300 home stay and villas are functioning in the district. In future there is huge demand for Resort and home stays , travel and transport

service, handicrafts products, wild resource products like honey, bamboo rice, etc and also set up plastic waste recycling units in tourist places.

➤ **Skill based Industry**

The interests of the people of Kerala are frequently changing in the case of ornaments. Now artificial ornaments have become a passion among the youngsters. Hence this sector has a very good scope in the local indigenous market. Since wayanad is the home of a large population of tribal people who have the inherent qualities of artificial ornament making as their tradition and culture, this skill can be tapped to constitute such an industry. Giving skill development trainings to them in this specific industry can easily develop the skill of these people. With the assistance of new marketing technologies as well as computer and Internet aided designing, new models can be formed and marketed. It can be introduced as a cottage industry as well as a poverty irradiation programme for the scheduled tribe population of the district.

SWOT Analysis of the Industrial Potentials in the district

STRENGTH	WEAKNESS
<ul style="list-style-type: none"> ➤ Availability of local resources ➤ District contribute 84% coffee, 45% ginger, 25% tea from total production of the states ➤ More than 50% area of the district is under agriculture and plantation, which is significant ➤ Ample availability of livestock ➤ Highest milk production density and second in milk procurement in State ➤ Suitable Whether condition for agro based, IT based, Tourism based industries ➤ Availability of land 	<ul style="list-style-type: none"> ➤ Inadequate industrial infrastructure facilities ➤ Lack of entrepreneurial talent & initiatives ➤ Less workforce availability especially for agriculture and skill sector ➤ High cost of production ➤ Lack of proper management ➤ Improper resource utilization ➤ Lack of proper marketing support ➤ Lack of timely credit flows and increased interest rate from financial institutions ➤ Procedural delay for issuing clearances, licenses, power connection, etc. ➤ Un utilization of the inherent abilities of the tribal people
OPPORTUNITIES	THREATS
<ul style="list-style-type: none"> ➤ Immense scope for food based industries ➤ Scope of value addition and diversification ➤ Live stock based industries offer good investment opportunities ➤ Dairy development also offer good investment opportunities ➤ Skill based like repair & servicing industries offer good investment opportunities 	<ul style="list-style-type: none"> ➤ Irregular monsoon ➤ Interrupted power supply ➤ Several area of district is notified as Ecologically fragile land as per Kasthuri Rngan and Ghadgil Report ➤ Extensive use of pesticides ➤ Night traffic restriction at NH

Development Issues and Problems

The development issues and problems identified in industries sector are briefly described below.

Sickness of MSME

The working of existing MSMEs in general in the district is not satisfactory. Out of the sick units, revival chances are remote. Therefore large amounts of industrial assets are lying idle. The primary reasons for sickness are mainly marketing problems, technology obsolescence, and high cost of production, high interest rate of bank loans and shortage of Working Capital.

Concentration of MSME Units

Generally speaking, higher concentrations of industries are witnessed in urban centers and along major traffic corridors. But, a casual look at the spatial spread of enterprises reveals that they have come up around semi-urban areas like Sulthan Bathery and Mananthavady which have better connectivity to urban markets. The geographical features of the district also have a bearing on the lack of a higher degree of industrialization. Availability of land for industrial purposes is low in Wayanad. About 37 % of the land comprises of forests. Therefore lack of industrial infrastructure has played a big role in the district remaining industrially backward.

Low working Capital

One of the major problems facing MSMEs is the shortage of working capital. Generally the working capital has to come from the financing institution. The issues related to the lack of finance to MSMEs' are discussed in various forums like MSME empowered committee, DLRC, DCC, etc.

Management Issues

The reason for sickness of certain industries in the district is lack of proper management. Under PMEGP scheme two weeks training for all beneficiaries are given on all relevant subjects before starting the ventures. EDP is also conducted by DIC to train the new beneficiaries to get awareness on various aspects of running an MSME unit. But there is no scheme at present for giving training to the managerial persons of existing units.

Labour Issues

At present the closure of MSMEs due to labour problems are insignificant. But lack of skills amongst the workers and the lack of adequate training facilities do not provide scope for improving the skill-set of the labour force.

Improper Resource Utilization

One of the main problems for the slow growth of industrialization in the district is non-utilization of resources. Most of the agro-produce of Wayanad is sent for primary processing to neighboring districts. Even a minimal level of primary processing would see the district moving up the value-chain, which is essential for encouraging industries to come up in the localities where raw materials are abundant.

Marketing

This is a generic problem affecting most MSMEs in the state. As small enterprises cannot compete with established players, most of the units cater only to local markets that reduce their scope for growth.

Role of Financial Institution

Financial institutions play a major role in the industrialization of an area. Proper monitoring by financial institutions is absolutely necessary for watching the sickness of an industry. Industry can survive only if remedial measures are taken at initial stage of sickness.

Changing Technology

Production in most of the old MSMEs is through conventional methods. Technology changes develop an edge to cutting costs and improving quality of the product. The present systems are not able to offer this technology absorption capacity to MSMEs.

Lack of Infrastructure facility

One of the major problems in the MSME sector is the unavailability of infrastructure in the district. There is no rail and port in the district. Raw material is available in different sector with low cost and land is also cheaply available compared to other districts. But the infrastructure for starting an industrial unit is not available. There is no DA /DP in the district and only one KINFRA park and all the land is occupied.

General reasons

There is a lack of an entrepreneurial culture in Wayanad. The near absence of traditional industries also creates a void, the presence of which could have provided a platform for other industries to build around. Frequent power outages, shortage of sufficient land, infrastructure etc lead to the slow pace of industrialization in the district.

Development Suggestions

Traditional products shall be replaced by value added items which attract customers, diversification of products by up-gradation and changing technology shall be implemented for

producing consumer friendly products. The agricultural products like jack fruit, mango, banana, coffee, ginger etc. can be utilized as raw material for new MSME units.

A common facility service centre, similar to the CFSC at Changanassery, shall be established somewhere in the middle of the District so that all MSME units in the District can utilize the service. Another problem is lack of awareness among the entrepreneurs about the departmental schemes. Developing entrepreneurship among youth especially college students is absolutely necessary.

The following points are essential for developing the industry sector in the district.

- ❖ To train at least 50 interested individuals in the area of skill development every year.
- ❖ To train at least 100 candidates in the area of entrepreneurship in every year. To start at least 250 MSME's during every year.
- ❖ To bring at least 50 crore investment every year in the MSME sector.
- ❖ To establish at least 4000 employment every year in the MSME sector.
- ❖ To contribute at least 3% MSME units in the state, against the present stage of 1.6%.

In order to achieve the above task the following development activities are required.

- ❖ To develop at least 750 acres of land for industrial activity alone.
- ❖ To establish a software park of at least 200 acres.
- ❖ It is suggested to organize conferences, workshops and meetings and training regarding leadership, innovation, creativity, skill development, entrepreneurship and other related topics
- ❖ Managers, Entrepreneurs and Administrators are suggested to take their time and invite young leaders to teach them about entrepreneurship and innovation.
- ❖ Host and organize; lectures, workshops and seminars focused on business practices and principles; highlight the value of entrepreneurship, the role of innovation within society and provide know-how to younger generations and to public through educational institutions.
- ❖ Government entities, public authorities and educational institutions are suggested to distribute communicative and instructive materials regarding entrepreneurship and its importance.
- ❖ Radio and television networks are suggested to prepare programs to highlight the importance of entrepreneurship and provide talk-shows or documentaries.

- ❖ Participatory business and innovation activities, local talks, lectures, presentations, workshops and debates could be organized to create both awareness and as a cultural activity to promote entrepreneurship.
- ❖ Organize local awards for businesses or leadership, both for established businesses and enterprises and young entrepreneurs
- ❖ The transportation sector has to be strengthened.
- ❖ Value addition of hill produces, branding and its marketing may be promoted.
- ❖ Exhibition cum trading centre for MSMEs has to be established.
- ❖ Entrepreneurship development training centre has to be set up.
- ❖ Units for promotion of eco – friendly portable bio - gas plant, Bio-manure production and setting up of handicrafts units.
- ❖ Group based industries such as cottage industries incorporating SSG's such as “Kudumba sree” can be promoted to strengthen the economically weaker sections and women.
- ❖ Exporting value added products by exploring the proximity of Beypore Port and International Airport at Karipur may be resorted to.
- ❖ Traditional handicraft item and tourism based industries may be promoted.
- ❖ In Animal husbandry sector cattle farms under group basis and single entrepreneurs can be promoted and thus the potential created due to the Brahmagiri meat processing centre at Nenmeni Grama panchayat may be utilized.
- ❖ Production of milk and milk based products has to be promoted.
- ❖ Since there is enormous potential of traditional industries, herbal medicines and spices in tourism sector, its production, value addition and marketing may be promoted.
- ❖ Single window clearance system to issue permit for industries shall be implemented effectively.
- ❖ Data regarding sick industries has to be taken and adequate measures have to be taken for promoting those industries.
- ❖ The knowledge based industries like IT parks and biotechnology parks has to be set up in Wayanad while utilizing the linkage potential with Bangalore and Mysore, calm and salubrious climate.
- ❖ Ayurvedic jiggery products and Ayurvedic medicinal plant cultivation may be promoted.
- ❖ To provide multistoried industrial buildings for cluster development.
- ❖ Plastic based industries to utilize the plastic wastes in the tourism centers.
- ❖ To set up resource based industries and the value addition of the resources.
- ❖ To set up mini industrial estates at all Taluk headquarters

Suggested projects

- **Agro and Food Processing Sector**

The major agro and food based industries that can be formed are:

- Coffee processing, Blended Coffee, Coffee Briquettes manufacturing, Coffee wood handicrafts.
- Tea processing, Blended tea, Flavored tea
- Spices processing, Curry powders, Pepper powder, White pepper, dehydrated pepper, Pepper in brine.
- Banana chips, Banana powder and other products
- Rice mills, Rice flakes, and other rice products
- Agro machines and tools manufacturing, servicing
- Ginger and Turmeric processing
- Tapioca oriented units
- Coconut oriented products, Coconut oil, Copra processing, desiccated coconut, Coconut shell products and coconut wood furniture's etc.
- Ready to serve Fruit Beverages
- Vegetable Pickles
- Fruit Preservation
- Jack Fruit Processed Products
- Ice Cream
- Mushroom Processing
- Bakery units.
- Fruit canning units.
- Dried or fried chips units.
- Papad manufacturing units.
- Aqua culture, Fish processing and fish products making units.

- Poultry, Rabbit etc farming, Meat processing and dried meat units.
- Coconut products.
- Cattle rearing, milk oriented products.
- Fodder production
- Cold Storage
 - **Garment Industries**
 - Readymade garment making units
 - Fashion designing and designer garments making and exporting units
 - Power loom industry
 - Woolen cloth manufacturing units
 - Non woven bag
 - **Construction Industry**
 - M-Sand manufacturing and Stone crushers
 - Cement bricks manufacturing
 - Clay bricks manufacturing
 - Furniture manufacturing units
 - Glass products
 - General Engineering
 - PVC or Fiber glass doors making
 - Biogas plant making units
 - **Skill based Industry**
 - Wooden Handicraft
 - Carved furniture
 - Bamboo based products
 - Reed based Products
 - Clay based Handicrafts
 - Artificial Ornament Making
 - **Tourism based Industry**
 - Resort and home stays
 - Travel and transport service
 - Handicrafts products
 - Wild resource products like honey, bamboo rice,

- Plastic waste recycling units in tourist places

Conclusion

The District of Wayanad with a high potential of Natural resources including enchanting tourists spots, Smoothing climatic conditions and rich agricultural resources is still very backward in industrial development. The district is highly potential for tourism industry and related enterprises.

The district has an abundant source of Agricultural products and hence raw material resources for agro based and food based industries are available. The availability of fodder is high and hence cattle rearing along with milk and milk products manufacturing, meat products manufacturing industries etc can flourish.

The proposal for a feeder Airport at nadavayal near Panamaram, Mananthavady, which was once put up, the possibility study, is yet to be done. This will enhance the export in the district as the main resources are agro based and hence perishable.

The climatic condition is very much favorable for Floriculture. But the sector has not yet started to develop here, as the produce is flower, which is highly perishable. Air conditioned vehicles and proper transportation facility can help the sector very much.

Considering the above facts wayanad have a bright future in the industrial sector, if the resources available in the district can be tapped in a proper and timely way which will increase the export which in turn will enhance gross domestic products of the district. Thus alleviation of poverty in the district can be achieved which can increase the Per Capita Income of the district.

ANNEXEURES

• **Government Sponsored Subsidy Schemes**

1. Prime Minister Employment Generation Programme (PMEGP) (Implemented by Khadi commission, Khadi Board & DICs)
2. Kerala State Self Employment Scheme for Registered Unemployed.(KESRU) (Implemented by Employment exchanges)
3. Ente Gramam (Implemented by Khadi Board)
4. Saranya (Implemented by Employment exchanges)
5. Backward Development Corporation.
6. Entrepreneur support scheme.(DICs)
7. Self employment scheme for ex-servicemen.(SEMFEX) (Implemented by District Sainik Welfare Board.)
8. The urban self employment scheme. (USEP)
9. The Urban wage employment programs me. (UNEP)
10. Women Development Corporation.
11. SC/ST entrepreneur's development scheme.
12. Scheme for massive livestock development programme. (Implemented by Animal Husbandry)
13. Margin money scheme& margin money loan scheme of KSDC for SC/ST. (Implemented by KSDC)

• **Ongoing Projects and Programmes**

MSME Sector

Projects and programmes in MSME sector are implemented through District Industries Centre, Kerala Khadi and Village Industries Board and Khadi and Village Industries Commission. The ongoing projects and programmes under these agencies are as follows:

Prime Ministers Employment Generation Programme (PMEGP)

Objective: - To generate employment opportunities in rural as well as urban areas of the country through setting up of new self employment ventures/projects/micro enterprises. Financial assistance is granted to manufacturing and service sector. The Scheme is operated by DIC, KVIB and KVIC and, Maximum project cost is 25 lakhs for manufacturing and 10 lakhs for service enterprises and providing 15 to 35% subsidy. The project should provide employment to one person for investment of each 1, 00,000 on Plant and machinery. Any individual, above 18 years of age is eligible. There will be no income ceiling for assistance for setting up projects under PMEGP.

Entrepreneur Support Scheme (ESS)

Objective: - Assistance to new units as well as existing units for expansion and modernization and provide 25 to 50 % subsidies for fixed capital investment. Manufacturing unit only considered for support. The scheme comes in to effect from 01.04.2012.

Sick Unit Revival Programme (SURP)

Objective: This scheme is to provide assistance to potentially viable but sick units for rehabilitation. A unit is regarded as potentially viable if it can sustain profitability by implementing the relief packages over a predetermined time frame. Units whose borrowed accounts remain substandard for more than 6 months accounts remained over due for a period exceeding one year or there is erosion in the net worth due to accumulated cash loss to the extent of 50% of the net worth during the previous accounting year are called sick units. The primary reasons for sickness are mainly marketing problems, technology Obsolescence, and high cost of production, high interest rate of bank loans, shortage of Working Capital and lack of entrepreneurial skill.

State Investment Subsidy (SIS)

Objective: The Scheme was in operation and it has been replaced by ESS. To attract investment in industrial sector Govt. of Kerala is providing assistance in the form of incentive based on the fixed capital investment made (objective). All new units, tiny, small, medium or large industrial units are eligible for the scheme.

Single Window Clearance Board (SWCB)

Objectives: With the objectives of expediting clearance and approvals from various departments/ boards/ corporations in implementation of respective projects. Setting up of Industrial projects in the State to become a hassle free operation, Government of Kerala has introduced the Single Window Clearance System in the State. A single window facility started with an aim of expediting the issue of various clearances for new Industrial Projects, effective from 1st June 2000. As per the system, a final clearance for all new projects, either approval or rejection, is to be given within a specific period from the date of submission of application. This

has been made a statutory requirement under the Kerala State Single Window Clearance Boards and Industrial Township Area Development Act 1999.

- **Agencies Involved and their Activities**

1. District Industries Centre, Wayanad•

- Implementation of State Government and Government of India Schemes.

2. Commercial Banks in Wayanad District

- Distribution of loan to MSME units.
- Distribution of loans to self employed youth for starting new service/business/ industrial units.

3. Kerala Financial Corporation, Wayanad

- Distribution of loan to setting up of MSME units

4. District panchayat Wayanad

- Distribution of financial assistance to Kudumbasree and SHG Group for starting MSME units.
- Providing infrastructure for starting new MSME units
- Conducting training programmes and exhibitions

5. Kerala Khadi and Village Industries Board.

- Providing subsidy for starting new MSME units
- Establishment of Khadi production units at various parts of the District

6. Kerala Khadi and Village Industries Commission

- Providing subsidy for starting new MSME units

7. Kerala State Small Scale Industries Association-Wayanad

- Taking up the problems of industrialists before District Industries Centre, Government etc. and helping them to solve the problems

8. District Employment Office Wayanad

- Providing subsidy for starting new MSME units

9. R SETI Wayand

- Providing Entrepreneurs Development Programmes for entrepreneurs

10. Other Technical and Training Institutions, like KVK Ambalavayal, Veterinary College

Pookode, MSSRF Puthoorvayal, SHREYAS Bathery, ITIs, Poly Technic Institutions, etc.

• **Branch wise Details of Banks**

No	Name of Bank Branch	STD	Phone	E -mail	Panchayath/Municipality	Block
1	ANDHRA BANK					
	KALPETTA	4936	204550	bm1219@andhrabank.co.in	KALPETTA	KPT
2	BANK OF BARODA					
1	KALPETTA	4936	203204	kalpet@bankofbaroda.com	KALPETTA	KPT
3	BANK OF INDIA					
1	KALPETTA	4936	202950	kalpetta.kerala@bankofindia.co.in	KALPETTA	KPT
4	CANARA BANK					
1	KALPETTA	4936	202255	cb0137@canarabank.com	KALPETTA	KPT
2	CHUNDALE	4936	201010	cb0746@canarabank.com	VYTHIRI	KPT
3	PADINJARETHARA	4936	273432	cb0355@canarabank.com	PADINJARETHARA	KPT
4	VYTHIRI	4936	255262	cb0358@canarabank.com	VYTHIRI	KPT
5	PANAMARAM	4935	220731	cb0856@canarabank.com	PANAMARAM	PNM
6	PERIKKALLOOR	4936	234232	cb1701@canarabank.com	MULLANKOLLY	PNM
7	PULPALLY	4936	240232	cb0863@canarabank.com	PULPALLY	PNM
8	MANATHAVADY	4935	240352	cb0248@canarabank.com	MANANTHAVADY	MDY
9	PAYYAMPALLY	4935	215682	cb1781@canarabank.com	MANANTHAVADY	MDY
10	THALAPUZHA	4935	256223	cb1136@canarabank.com	THAVINHAL	MDY
11	THONDERNADU	4935	235223	cb1042@canarabank.com	THONDERNADU	MDY
12	S BATHERY	4936	220269	cb0834@canarabank.com	S.BATHERY	SBY
13	MEENANGADI	4936	247252	cb0827@canarabank.com	MEENANGADI	SBY
14	THARUVANA	4935	230300	cb5011@canarabank.com	VELLAMUNDA	MDY
15	MUTTIL	4936	208555	cb5970@canarabank.com	MUTTIL	KPT
5	CENTRAL BANK OF INDIA					
1	KALPETTA	4936	202656	bmcoch4208@centralbank.co.in	KALPETTA	KPT
2	MEPPADI	4936	282448	bmcoch0971@centralbank.co.in	MEPPADI	KPT
3	CHEHALAYAM	4936	238090	bmcoch3040@centralbank.co.in	S.BATHERY	SBY

4	MOOLANKAVU	4936	220633	bmcoch3041@centralbank.co.in	NOOLPUZHA	SBY
6	CORPORATION BANK					
1	KALPETTA	4936	203022	cb1426@corpbank.co.in	KALPETTA	KPT
2	NADAVAYAL	4936	210644	cb3484@corpbank.co.in	POOTHADI	PNM
7	IDBI BANK					
1	KALPETTA	4936	204810		KALPETTA	KPT
2	SULTHAN BATHERY	4936	224244		S.BATHERY	SBY
8	INDIAN BANK					
1	KALPETTA	4936	206870	kalpetta@indianbank.co.in	KALPETTA	KPT
9	INDIAN OVERSEAS BANK					
1	KALPETTA	4936	202314	iob1273@iob.in	KALPETTA	KPT
2	S BATHERY	4936	221274	sulthbrw@kozscio.net.in	S.BATHERY	SBY
10	PUNJAB NATIONAL BANK					
1	KALPETTA	4936	202491	bo4284@pnb.co.in	KALPETTA	KPT
2	MANANTHAVADY	4935	241183	bo2879@pnb.co.in	MANANTHAVADY	MDY
3	S BATHERY	4936	220234	bo4348@pnb.co.in	S.BATHERY	SBY
11	STATE BANK OF INDIA					
1	KAINATTY	4936	207950	sbi.03035@sbi.co.in	KALPETTA	KPT
2	CHUNDALE	4936	201304	sbi.11923@sbi.co.in	VYTHIRI	KPT
3	MEPPADI	4936	281750	sbi.10698@sbi.co.in	MEPPADI	KPT
4	VADUVANCHAL	4936	218760	sbi.11922@sbi.co.in	MUPPAINAD	KPT
5	KOTTATHARA	4936	286642	sbi.06456@sbi.co.in	KOTTATHARA	KPT
6	KAPPISET	4936	240424	sbi.08786@sbi.co.in	PULPALLY	PNM
7	ANJUKUNNU	4935	220052	sbi.08592@sbi.co.in	PANAMARAM	PNM
8	MANAN'VADY TOWN	4935	241133	sbi.10699@sbi.co.in	MANANTHAVADY	MDY
9	S BATHERY TOWN	4936	222255	sbi.05099@sbi.co.in	S.BATHERY	SBY
10	KALPETTA TOWN	4936	204630	sbi.15784@sbi.co.in	KALPETTA	KPT
11	PADINJARATHARA	4936	274611	sbi.17089@sbi.co.in	PADINJARETHARA	KPT
12	VELLAMUNDA	4935	230001	sbi.18106@sbi.co.in	VELLAMUNDA	MDY
13	KALPETTA	4936	202348	kalpetta@sbi.co.in	KALPETTA	KPT
14	KOTTAPADI at MEPPADI	4936	283555	kottapadi@sbi.co.in	MEPPADI	KPT
15	MANANTHAVADY	4935	240211	mananthavady@sbi.co.in	MANANTHAVADY	MDY
16	S BATHERY	4936	220249	sbattery@sbi.co.in	S.BATHERY	SBY
17	CHULLIYOD	4936	266107	chulliyode@sbi.co.in	NENMENI	SBY
18	KOLAGAPPARA	4936	260490	kolagappara@sbi.co.in	AMBALAVAYAL	SBY
19	KOLIYADI	4936	266208	koliyadi@sbi.co.in	NENMENI	SBY
20	MEENANGADI	4936	246760	meenangadi@sbi.co.in	MEENANGADI	SBY
21	KUNNATHIDAVAKA	4936	255770	kunnathidavaka@sbi.co.in	VYTHIRI	KPT
12	SYNDICATE BANK					
1	PANAMARAM	4935	220719	br.4750@syndicatebank.com	PANAMARAM	PNM
2	MANANTHAVADY	4935	240291	br.4216@syndicatebank.co.in	MANANTHAVADY	MDY
3	NALLURNADU	4935	246971	br.4751@syndicatebank.co.in	EDAVAKA	MDY
4	KALPETTA	4936	207553	br.4753@syndicatebank.co.in	KALPETTA	KPT

5	S.BATHERY	4936	221070	br.4752@syndicatebank.co.in	S.BATHERY	SBY
13	UCO BANK					
1	MEENANGADI	4936	248255	mnngdi@ucobank.co.in	MEENANGADI	SBY
14	UNION BANK OF INDIA					
1	S BATHERY	4936	220444	cbssulthanbathery@unionbankofindia.com	S.BATHERY	SBY
2	KALPETTA	4936	208444	kalpeta@unionbankofindia.com	KALPETTA	KPT
15	VIJAYA BANK					
1	KALPETTA	4936	202709	vb2013@vijayabank.co.in	KALPETTA	KPT
2	MEPPADI	4936	282466	vb2045@vijayabank.co.in	MEPPADI	KPT
3	VARADOOR	4936	289289	vb2087@vijayabank.co.in	KANIYAMBETTA	PNM
4	S BATHERY	4936	220660	vb2099@vijayabank.co.in	S.BATHERY	SBY
5	MAKKIYAD	4935	235323	vb2110@vijayabank.co.in	THONDERNADU	MDY
6	KAKKAVAYAL	4936	246711	vb2120@vijayabank.co.in	MEENANGADI	SBY
16	AXIS BANK					
1	S BATHERY	4936	221436	sulthanbathery.operationshead@axisbank.com	S.BATHERY	SBY
17	CATHOLIC SYRIAN BANK					
1	KALPETTA	4936	204606	kalpeta@csb.co.in	KALPETTA	KPT
2	MANANTHAVADY	4935	240239	mananthavady@csb.co.in	MANANTHAVADY	MDY
3	S BATHERY	4936	220063	sulthanbathery@csb.co.in	S.BATHERY	SBY
18	DHANLAXMI BANK					
1	KALPETTA	4936	207595	dlb.kalpeta@dhanbank.co.in	KALPETTA	KPT
19	FEDERAL BANK					
1	KALPETTA	4936	202058	kpt@federalbank.co.in	KALPETTA	KPT
2	PADINJARATHARA	4936	273113	pdt@federalbank.co.in	PADINJARETHARA	KPT
3	MANANTHAVADY	4935	244244	mvd@federalbank.co.in	MANANTHAVADY	MDY
4	S BATHERY	4936	220259	sub@federalbank.co.in	S.BATHERY	SBY
5	MEENANGADI	4936	246004	mng@federalbank.co.in	MEENANGADI	SBY
20	HDFC BANK					
1	KALPETTA	4936	302103-06	Devadasan.Koodanthody@hdfcbank.com	KALPETTA	KPT
2	S BATHERY	4936	302131-33	sajith.pkoroth@hdfcbank.com	S.BATHERY	SBY
3	MANANTHAVADY	4935	244127	pavanchand.pa@hdfcbank.com	MANANTHAVADY	MDY
21	ICICI BANK					
1	KALPETTA	4936	302157	sandeepcs@icicibank.com	KALPETTA	KPT
2	S BATHERY	4936	928727 6822,2 3	kumar.anoop@icicibank.com	S.BATHERY	SBY
22	SOUTH INDIAN BANK					
1	KALPETTA	4936	207224	br0536@sib.co.in	KALPETTA	KPT
2	ACHOORANAM	4936	251300	br0704@sib.co.in	POZHUTHANA	KPT
3	MEPPADI	4936	282484	br0230@sib.co.in	MEPPADI	KPT
4	PULPALLY	4936	240275	br0260@sib.co.in	PULPALLY	PNM
5	MANANTHAVADY	4935	242260	br0605@sib.co.in	MANANTHAVADY	MDY

6	BATHERY	4936	265696	br0604@sib.co.in	S.BATHERY	SBY
7	MEENANGADI	4936	246566	br0765@sib.co.in	MEENANGADI	SBY
23	KERALA GRAMIN BANK (RO : 04936- 206166, 206155)					
1	AMBALAVAYAL	4936	260479	kgb102@keralagbank.com	AMBALAVAYAL	SBY
2	CHEERAL	4936	262234	kgb170@keralagbank.com	NENMENI	SBY
3	IRULAM	4936	238951	kgb246@keralagbank.com	POOTHADI	PNM
4	KALLODI	4395	241781	kgb481@keralagbank.com	EDAVAKA	MDY
5	KALLOOR	4936	270760	kgb179@keralagbank.com	NOOLPUZHA	SBY
6	KALPETTA	4936	202509	kgb205@keralagbank.com	KALPETTA	KPT
7	KANIYAMBETTA	4936	286606	kgb148@keralagbank.com	KANIYAMBETTA	PNM
8	KARTIKULAM	4935	250441	kgb404@keralagbank.com	THIRUNELLY	MDY
9	KATTIMoola	4935	266047	kgb522@keralagbank.com	THAVINHAL	MDY
10	KAVUMANNAM	4936	250457	kgb123@keralagbank.com	THARIYODE	KPT
11	KELLUR	4935	244151	kgb488@keralagbank.com	EDAVAKA	MDY
12	KENICHIRA	4936	211536	kgb121@keralagbank.com	POOTHADI	PNM
13	MANANTHAVADY	4935	240306	kgb476@keralagbank.com	MANANTHAVADY	MDY
14	MEENANGADI	4936	248310	kgb270@keralagbank.com	MEENANGADI	SBY
15	MULLANKOLLY	4936	240351	kgb116@keralagbank.com	MULLANKOLLY	PNM
16	MAKKIYAD	4935	235006	kgb656@keralagbank.com	THONDERNADU	MDY
17	NADAVAYAL	4936	211145	kgb230@keralagbank.com	POOTHADI	PNM
18	PADICHIRA	4936	234330	kgb190@keralagbank.com	MULLANKOLLY	PNM
19	PANAMARAM	4935	220975	kgb527@keralagbank.com	PANAMARAM	PNM
20	PERIYA	4935	260070	kgb405@keralagbank.com	THAVINHAL	MDY
21	PINANGODE	4936	204221	kgb141@keralagbank.com	POZHUTHANA	KPT
22	POZHUTHANA	4936	255380	kgb229@keralagbank.com	POZHUTHANA	KPT
23	S BATHERY	4936	220482	kgb236@keralagbank.com	S.BATHERY	SBY
24	THAVINHAL	4935	256306	kgb478@keralagbank.com	THAVINHAL	MDY
25	VADUVANCHAL	4936	217454	kgb231@keralagbank.com	MUPPAINAD	KPT
26	VAKERY	4936	229018	kgb211@keralagbank.com	POOTHADI	PNM
27	VAZHAVATTA	4936	247317	kgb138@keralagbank.com	MUTTIL	KPT
28	VELLAMUNDA	4935	230331	kgb411@keralagbank.com	VELLAMUNDA	MDY
29	VYTHIRI	4936	255280	kgb130@keralagbank.com	VYTHIRI	KPT
30	VELLARIMALA	4936	236001	Kgb719@keralagbank.com	MEPPADI	KPT
31	THIRUNELLI	4935	210014	Kgb732@keralagbank.com	THIRUNELLY	MDY
24	WAYANAD DIST.CO-OP BANK (HO: 202650,202651,202368)			wdcbpds@gmail.com		
1	MAIN BRANCH	4936	206785	113001@wayanad.dccbindi a.co.in	KALPETTA	KPT
2	KALPETTA TOWN	4936	202638	113002@wayanad.dccbindi a.co.in	KALPETTA	KPT
3	KALPETTA EVENING	4936	202975	113009@wayanad.dccbindi a.co.in	KALPETTA	KPT
4	MANANTHAVADY	4935	240262	113005@wayanad.dccbindi a.co.in	MANANTHAVADY	MDY
5	SULTHAN BATHERY	4936	220211	113003@wayanad.dccbindi a.co.in	S.BATHERY	SBY
6	BATHERY EVNG	4936	220495	113004@wayanad.dccbindi a.co.in	S.BATHERY	SBY
7	PULPALLY	4936	240301	113007@wayanad.dccbindi a.co.in	PULPALLY	PNM
8	PANAMARAM	4935	220753	113006@wayanad.dccbindi	PANAMARAM	PNM

				a.co.in		
9	MEENANGADI	4936	247207	113008@wayanad.dccbindi a.co.in	MEENANGADI	SBY
10	MEPPADI	4936	282638	113011@wayanad.dccbindi a.co.in	MEPPADI	KPT
11	MANANTHAVADY EVNG	4935	240162	113010@wayanad.dccbindi a.co.in	MANANTHAVADY	MDY
12	KAMBALAKKAD	4936	286163	113012@wayanad.dccbindi a.co.in	KANIYAMBETTA	PNM
13	KAMBALAKKAD EVNG	4936	286259	113019@wayanad.dccbindi a.co.in	KANIYAMBETTA	PNM
14	PADINHARATHARA	4936	274195	113016@wayanad.dccbindi a.co.in	PADINJARETHARA	KPT
15	VELLAMUNDA	4935	231364	113015@wayanad.dccbindi a.co.in	VELLAMUNDA	MDY
16	VADUVANCHAL	4936	218100	113017@wayanad.dccbindi a.co.in	MUPPAINAD	KPT
17	CHUNDALE	4936	201155	113018@wayanad.dccbindi a.co.in	VYTHIRI	KPT
18	MANA'VADY B- STREET	4935	243262	113020@wayanad.dccbindi a.co.in	MANANTHAVADY	MDY
19	MUTTIL	4936	205834	113013@wayanad.dccbindi a.co.in	MUTTIL	KPT
20	MEENANGADI EVENING	4936	248770	113014@wayanad.dccbindi a.co.in	MEENANGADI	SBY
21	PULPALLY EVENING	4936	240006	113021@wayanad.dccbindi a.co.in	PULPALLY	PNM
22	AMBALAVAYAL	4936	260095	113022@wayanad.dccbindi a.co.in	AMBALAVAYAL	SBY
23	KOROME	4935	235120	113025@wayanad.dccbindi a.co.in	THONDERNADU	MDY
24	KARTIKULAM	4935	250119	113023@wayanad.dccbindi a.co.in	THIRUNELLY	MDY
25	KELLOOR	4935	227888	113026@wayanad.dccbindi a.co.in	VELLAMUNDA	MDY
26	VYTHIRI	4936	256368	113029@wayanad.dccbindi a.co.in	VYTHIRI	KPT
27	POZHUTHANA	4936	256468	113028@wayanad.dccbindi a.co.in	POZHUTHANA	KPT
28	KAVUMMANNAM	4936	250368	113027@wayanad.dccbindi a.co.in	THARIYODE	KPT
29	KENICHIRA	4936	210708	113030@wayanad.dccbindi a.co.in	POOTHADI	PNM
30	KARANI	4936	289368	113031@wayanad.dccbindi a.co.in	KANIYAMBETTA	PNM
31	THALAPUZHA	4935	256362	113024@wayanad.dccbindi a.co.in	THAVINHAL	MDY
32	KALLODY	4935	245681	bm.113032@wayanad.dccbind ia.co.in	EDAVAKA	MDY
33	CHEERAL	4936	263368	bm.113033@wayanad.dccbind ia.co.in	NENMENI	SBY
34	CHULLIYODE	4936	266368	bm.113034@wayanad.dccbind	NENMENI	SBY

				ia.co.in		
35	CHORALMALA	4936	236368	bm.113035@wayanad.dccbind ia.co.in	MEPPADI	KPT
25	SERVICE CO-OPERATIVE BANKS					
1	KALPETTA	4936	206928	kalpettascb@gmail.com	KALPETTA	KPT
2	KOTTATHARA	4936	285650	kottatharascbank@gmail.com	KOTTATHARA	PNM
3	MADAKKIMALA	4936	284276	madakkimalascb@gmail.com	MUTTIL	KPT
4	PADINJARE THARA	4936	273441	padinharatharascb@gmail.com	PADINJARETHARA	KPT
5	THEKKUMTHARA	4936	202732	tscbthekcumthara@gmail.com	VENGAPALLY	KPT
6	THARIYODE	4936	250436	thariodescbkavumannam@gmail.com	THARIYODE	KPT
7	TRIKAIPETTA	4936	282464	tscbmeppadi@gmail.com	MEPPADI	KPT
8	VENGAPPALLY	4936	205394	scbvengappally@gmail.com	VENGAPALLY	KPT
9	VYTHIRI	4936	255221	vythiriscb@gmail.com	VYTHIRI	KPT
10	PANAMARAM	4935	220729	pnmscb@gmail.com	PANAMARAM	PNM
11	KANIYAMBETTA	4936	286692	kaniyambettascb@gmail.com	KANIYAMBATTA	PNM
12	ANJUKUNNU	4935	227753	anjukunnuscb@gmail.com	PANAMARAM	PNM
13	ECHOME.	4936	286667	scbeachome1@gmail.com	PANAMARAM	PNM
14	MULLANKOLLY	4936	234222	mscbpadichira@gmail.com	MULLANKOLLY	PNM
15	POOTHADY	4936	211535	poothadySCB@gmail.com	POOTHADI	PNM
16	PULPALLY	4936	240253	pulpallyscb@gmail.com	PULPALLY	PNM
17	FSCB MANANTHAVADY	4935	240243	mfsbank@gmail.com	MANANTHAVADY	MDY
18	NALLURNADU	4935	240664	nscbank@rediffmail.com	EDAVAKA	MDY
19	PERIYA	4935	276513	scbperiya@gmail.com	THAVINHAL	MDY
20	THAVINHAL	4935	256234	thavinhalscb4031@gmail.com	THAVINHAL	MDY
21	THARUVANA	4935	230772	tharuvanascb@gmail.com	VELLAMUNDA	MDY
22	THONDARNADU	4935	235103	thondernadscb@gmail.com	THONDARNADU	MDY
23	TIRUNELLY	4935	250436	thirunellyscb@gmail.com	THIRUNELLY	MDY
24	VELLAMUNDA	4935	230324	vscb2010@gmail.com	VELLAMUNDA	MDY
25	S BATHERY	4936	220238	sbscbank1951@gmail.com	S.BATHERY	SBY
26	AMBALAVAYAL	4936	260444	ambalavayalservicebank@gmail.com	AMBALAVAYAL	SBY
27	MEENANGADI	4936	247225	meenangadiscb@gmail.com	MEENANGADI	SBY
26	ADBs					
1	VYTHIRI ADB					
a	KALPETTA BR	4936	205481	vythiriadb@gmail.com	KALPETTA	KPT
b	MEPPADI BR	4936	283703	-	MEPPADI	KPT
c	PADINJARATHARA BR	4936	273321	-	PADINJARETHARA	KPT
2	PANAMARAM ADB					
a	PANAMARAM ADB	4935	220739	wayanadpcardpanamaram@gmail.com	PANAMARAM	PNM
b	MANANTHAVADY	4395	240739	-	MANANTHAVADY	MDY

	BR					
3	S.BATHERY ADB	4936	224610	sbatherypcardb@gmail.com	S.BATHERY	SBY
27	KERALA STATE CO-OP BANK					
1	KALPETTA	4936	204799	kscbwayanad@gmail.com	KALPETTA	KPT
28	KERALA FINANCIAL CORPORATION					
1	KALPETTA	4936	202059	wnd@kfc.org	KALPETTA	KPT

BLOCK CODES: KALPETTA (KPT), MANANTHAVADY (MDY), SULATHAN BATHERY (SBY) & PANAMARAM (PNM)

• Whom to contact for what

MSME DEVELOPMENT INSTITUTE, Kanjani Road, Ayyanthole, Thrissur – 2, Ph: 2360686, 2360536, 2360636 Fax 04872360216 E-mail sisi_Ltresister@sanchamet.in Website: www.sisikerala.org	Identification of Project ideas, Technical Consultancy and Preparation of project Reports Conducts Managerial and techno managerial training programmes
Kerala Industrial & Technical Consultancy Organization Limited (KITCO) Kochi- 682016 Sr. Shaji mahal T C 15/1356 Vazhuthacaud, WM-14 Ph:2328956/ EKM – 2354150, 2360450, 2382408 (MD) E mail. kito@kitcocoching.com , Fax: 04842374570	Project Reports Feasibility Reports and Market survey Reports for entrepreneur and techno economic – appraisal reports for financial institutions. Management, consultancy services of SSI Planning, Design and Detailed Engineering and implementation of small, medium and large scale projects, conducts Entrepreneurship Development Programmes
Centre for Management Development (CMD) C V Raman Pillai Road, Thycaud, TVM-14 PH: 2328737, 2331253	Conducts Management Development Programmes, Entrepreneurial Development Programmes, Management Research etc.
Community Canning & Preservation Centre Food & Nutrition Extension Office Panavila, TVM, Tel: 2331239	Training in Manufacture of Fruit Syrups, Jams etc.
National Reasearch Development Corp. Of India (NRDC) 20-22 Zamroodpur Comm. Centre, Kailash Colony Extn. new Delhi, Ph: 116417942, 16478012 Email : nrdc@x400.nicgw.nic.in	Process know- how Pre- investment studies, Feasibility project report, Detailed engineering Turn key projects, Equity capital participation, Training operation of plants, Raw materials and products testing
Kerala State Electronics Development Corporation Ltd (KELTRON) TVM – 3	Manufacturing wide range of products including basic raw materials required for Electronic industry. Assists new entrepreneurs in identifying new products.
Kerala State Small Industries Development Corporation (SIDCO), Thiruvananthapuram – 1	Allots shed/industrial plots in industrial Estate/Plots Development of infrastructure.

Raw Material Division, Kochi- 20 Ph: 2330613, Fax: 2205077 Ekm2311651,231129,Fax.04842330904 E-mail: Kersidco@md.5.vsnl.netin Website,keralasidco.com	Marketing Assistance
National Small Industries Corporation Ltd, New Delhi, 10020 Sr. Office. 5/67 G.C.D.A Complex Marine Drive, Kochi- 31 Ph: 0484-2368149, 2381850 (Fax) 0484-2380155 Email: nsic@md4.netin.website.nsicindia.com	Supplies machinery both imported and indigenous to small Scale Industrial units on Hire purchase basis. Lease raw material assistance, machinery on lease terms, Technology up gradation Technology training and Marketing Assistance to SSIs.
Jt. Director General of Foreign Trade 5 th Floor Kendriya Shavan, Opposite Kochin Export processing Zone Kakkanad, Kochi- 682037 Ph: 0484-2426372, 2427397	Import and Export Code Members, issue of advance release orders, clearance permits, and foreign trade.
Trivandrum- Jt. Director of Foreign Trade (Incharge) FITDO, Gokulam Building (Ground Floor) TC2/1400 Pattom, Thiruvananthapuram – 695004 PH: 0471-2441867, E-mail.dgftvm@keral.nic.in	Import and Export Code Members, issue of advance release orders, clearance permits, and foreign trade.
State Trading Corporation of India (STC)Ltd, New Delhi Br. Office STC, Ajay Vihar Kochi – 16	Arrange for essential imports of raw materials other than those supplied by MMTC
The Minerals & Metals Trading Corporation of India (MMTC) Ltd, New Delhi, Regi. Office, Chennai House, Esplanade Chennai – 600108	Import of non ferrous raw materials like Tin, Tin waste, Aluminum ingot, EC grade Alu Zinc, Copper ingot Sulphur etc.
Kerala Financial Corporation, PR No. 145 Vellaymbalam, Thiruvananthapuram – 33 Ph. 0471 2737500 ,2318319 www.kfc.org email: kfc@kfc.org	Consultancy service for project ideas, selection and development liaison, surveys and feasibility reports. Finances for seed capital and Term Loans for industrial units, hospital, Genset etc. Assistance to Women Entrepreneurs (Mahila Udohog Nithi) Schemes for technocrats SC/ST. Single Window Scheme provide term loan and working capital to new tiny & SSI units, Equipment Leasing Scheme. ISO 9000, Bill discounting scheme.
Industrial Development Bank of India Br. Office Panampilli Nagar, Kochi 36, Phone 0484-2318889, 2322157/58, 231264/6968 Fax: 2319042 Website www.idvi.com Head Office: IOBI Tower WTC Complex Cufe parade Mumbai 400005, Tel 022-2181876	Provide technical and administrative assistance for promotion of expansion of industry. Extends direct assistance to Public Limited Companies & Co –operative societies, and to private limited Companies in exceptional cases for financing new projects and also for expansion and

	diversification of existing ones. Normally assistance is confined to projects with investments over Rs. 300 lakhs. Provides soft loan assistance for modernization, Operates Technical Development fund Scheme.
Small Industries Development Bank of India (SIDBI) Br. Office, Finance Tower, 2 nd Flour, P.B. No. 4209 Kaloor Kochi – 17, Tel: 2401792, 2401379 www. Sidbi.com, Fax: 0484 – 2401793	Principal financial institution for the promotion, financing & development of industries, in the small scale sector and for co-ordination of the institution engaged in similar activities.
Industrial finance Corporation of India (IFCI) P.B.No 4265 Branch Office Panampilly Nagar, Kochi-36 Phone : 0484 2311174, Fax 0484 2311173	Provides direct financial assistance for setting up medium large industrial projects to Ltd. Companies in public, joint or private sector or Co-operative Societies, for projects with capital cost of over Rs. 300 lakhs only
Export Credit Guarantee Corporation of India Ltd. (ECGC) 682015 , HDFC House MG Road, Ravipuram, Kochi – 15 Ph: 2359457, 2359437 Fax: 0484 2359016 E-mail kochi@ecgcindia.com Website: www.ecgc.in	Provides a range of Credit risk (Commercial risk & Political risks) insurance covers to exporters against loss in export of goods and services. Offers guarantees to banks and financial institutions to enable exporters to obtain better facilities from them. Feedback report about foreign buyers.
Board for industrial and Financial Reconstruction (BIFR) : Helps to revive and rehabilitate Sick Industrial UnitsII Flour Anisai Chambers, II Bhikaji Came Place R K Puram, New Delhi – 100 i66	Helps to revive and rehabilitate Sick Industrial Units.
National Bank for Agriculture rural Development (NABARD) Punnan – Road, Statue Thiruvananthapuram – 695039 E-mail: nabtvm@vsnl.com Web: www.nabard.org	Extend refinance facilities to Banks for extending term loans for setting up of small village and tiny industries in the rural areas. Also extend grant assistance to registered voluntary agencies, charitable institutions to take up promotional schemes.
The Coconut Development Board (Govt. of India, Ministry of Agriculture) Kera Bhavan Kochi – 16, Ph: 2369248, 2362237	Processing and Marketing Coconut Products
Export-Import Bank of India, Mumbai-21 Reg. Office, INSC, Bank Bldg. Madras-1	Offer financing & advisory services Indian to Construction project Exports
Drugs Controller, Thiruvananthapuram Red Cross Road, TVM – 35 Ph: 0471 2471896, Fax: 2473256	Approval of Factory Building, Drugs manufacturing licenses (Alopathy Ayurved Unani Sidha Homeo-pathy and licenses for cosmetic manufacture.
Kerala State Pollution Control Board, TVM-4 Ph: 0471 2318153,	Pollution clearance-Treatment and disposal of effluents

Fax: 2318152, EKM – 2207786 E mail: kspcd@keralapcb.org . Web: www.kerala.pcb.org	
Director of Factories & Boilers TCL 25/3326 Vanchiyoor, TVM 35, Ph: 04712463597, Fax: 0471 2477141 Web site: www.fabkerala.org .	Approval of Factory Building Factory registration and renewal of licenses
Chief Electrical inspectorate Housing board building TVM – 1 Ph: 04712331104, 2331159, 2330291 Web Site: www.electricalskeral.com	Approval of High, Voltage & Medium Voltage installations , installations of Generator of 50 Kilo Watts & above
Director of Mining and Geology Trivandurm Ph: 0471 2447429, Fax: 2447429	NOC for construction for factory building Certificate of approval prospecting license, Mining lease.
Dy. Chief Controller of Explosives, South Circle Shastri Bhavan, Madras – 6	Licenses for manufacture of explosives
Chief Controller Explosives. Dept. Of Explosives Nagpour – 4440006, Maharashtra Ph: 0712 510103 Fax: 0712 510577 Web site: www.explozives.nic.in	License to import and store of petroleum
Registrar of Firms (IG of Regn) near Collectorate Vanchiyoor TVM Ph:462608, 2463597, 2471458	Partnership Deed Registration
Registrar of Companies Kakkannad Ph: 0484 2421489, 2422327 E mail: rocem@sb.nic.in Web site: www.nic.in/dca	Company Registration
Director of Handloom & Textiles, Vikas Bhavan, TVM- 33 Ph: 0471 2303427	Assistance for Development of Handloom & Textiles, Power loom Registration
Development Commissioner, Cochin Special Economic Zone, Kochi – 682037 Ph: 2413111 Fax: 2413074 Web site: www.csez.com	For setting up Industrial Units in the Cochin Special Economic Zone (Kakkanad)
Secretary Coir Board Coir House, M.G Road Ernakulam Ph: 2351954, 2351788, Fax: 2354397 Web Site: www.coirboard.nic.in	Assistance for the development of coir industry
Spices Board of India, Kochi 682 025 Ph: 2333610,2347965 Fax: 2331429, 2334429	Provides analytical services to the Indian spice industry and monitors the quality of spices produced, processed and exported from

Web site: www.indiaspices.com	the country
Secretary Secretariat for industrial Assistance Udyog Bhavan, new Delhi – 10011 Ph: 0113011983 Fax: 0113011034 Web site: www.mdmin.nic.in E mail : isibdms5@ub.mic.in	Letter of intent, Industrial License for items placed under compulsory license for aim to issue industrial Entrepreneur memorandum (IEM) Indi-Entrepreneur memorandum EM for Manufacture of items not covered under compulsory industrial License in SSI sector
National Institute for Micro, Small and Medium Enterprises (NIMSME) Yousafguda, Hyderabad Web site: http://nimsme.org . Ph: 914023608544 – 46,23608316-19 Fax: 91403608547	Conducts managerial Development programme Entrepreneurial Development programme
Senior Joint Controller of Patent & Design, The Patent Office, G S T Road, Guindy Chennai 600 032 Ph: 04422322824/25 Fax: 04422322878	Registration of patents and designs
Controller of general patents & Designs, Old CGO Building, Mumbai 400020 Web Site: www.Indianpatents.nic.in www.patentsoffice.nic.in	Patent and Trade marks
Asst. Registrar of Trademarks, Trade marks Registry, G.S. T Road Guindy, Chennai – 32 Ph: 04422321992, 22322441/42 Fax: 2431475	Trade mark Regn. In respect of non textile goods
Ministry of Food processing industries, Govt. of India, Panchasheel Bhavan, New Delhi 110049 www.miffi.nic.in	FPO mark and subsidy for food processing industries
Deputy Director , Fruit & Vegetable Preservation C-1-D Rajaji Bhavan, Besant Nagar, Chennai-600 090 Ph: 04424912421 Fax: 04424463569	Fruit Products order (FPO) Licenses
CFTRI, Chalevamba Mansion, Mysore, Karnadaka- 570013, Ph: 0821 2514534 Fax: 2515453 E mail: ttm@micfos.net.in *ttbd@cftri.res.in Web Site: www.cftri.com	Providing Technical advice in setting up of Food based industries and is responsible for Edn, Training & Research in the area of food, science & Technology.
Agricultural Marketing Adviser, Directorate of Marketing & Inspection, Faridabad – 121001 Ph: 8216568, Fax: 0129216568 Web Site: www.agmarknet.nic.in	Agmark quality certification of Dhal, Oil , ghee, honey spices
Agricultural Marketing Officer, Thampanur – TVM Ph: 2665733,	AGMARK Registration symbol of Quality & Purity

Agricultural Informatics Division, NI C , A Block DGO Complex, Lothi Complex, New Delhi – 110003 Ph: 0114362790 E mail : root@agmark.nic.in Web site: www.agmarknet.nic.in	AGMARK Registration symbol of Quality & Purity
Advisor, Agricultural Marketing 6 th corss road, Wisland Cochin – 3, Ph: 2666120	AGMARK registration
Field Testing Station, SISI, Changanacherry	Testing of Rubber products
Director General of Supplies & Disposals (DGSD) New Delhi, Director General of Supplies & Disposals, 35, Chennai 6 Ph: 0448279823 Fax: 0448280152 E mail: dga@dgsd.tn.nic.in Web site: www.tn.nic.in/dqa	Rate Contract under the Central Govt. Stores Purchase programme
Store Purchase Department Govt. Secretariat , TVM, Ph: 0471 2327586, 2321128	Rate Contract under Govt. Stores Purchase programme
The Marine Products Exports Development authority, (MPEDA), Panampily Avenue, Cochin – 36 Ph: 2311979, 2312812 Fax: 2313361 E mail: mpeda@mpeda.nic.in	Operates various schemes to assist the sea food industries
Buero of Indian Standards TC 2/275 (1& 2) Near FCI, Kesavadasapuram, Ulloor Road, TVM, 695004 Ph: 04712557914, 2558416, 17,18 Fax: 0471 2557914, 17 Web Site: www.bis.org.in E mail: fbo@bis.org.in	Formulation of BIS Standards and ISI Certification
Kerala Khadi & Village Industries Board, Vanchiyoor, TVM 695 035 Ph: 0471 2331364, 2471696 Fax: 2479525	Registration of Khadi & Village Industrial Co-operative Society provides assistance for Khadi and Village Industries
Kerala State Industrial Development Corporation Ltd, Keltron Road , Kowdiar, TVM, Fax: 914712315893 Ph: 914712318922 Cochi, Choice Towers, Cochi 682 016 Fax: 91-484-2323011 Web Site: www.ksidc.org .	Merchant banking equipment leasing, short term loans, long and short term corporate loans, equipment refinance, venture sourcing project appraisal and feasibility, management consultant
Kerala Industrial Infrastructure Development Corporation, Kinfra House 32/2312 Sastamangalam, TVM – 695 010 Ph: 272685	KINFRA-Small Industries parks (K-SIP) are located at Thumba in Trivandrum, Mazhuvannur in Ernakulam, Thalassery in Kannur, Seethangoli, Kasargode,

<p>Fax: 01-47-2724773 E mail: kinfra@vsnl.netin Web site: http://www.kinfra.com, kinfra, Ernakulam Ph: 2415796, 2421798 Fax; 2424877</p>	<p>Makkanchery in Malappuram, in Thrissur, Koratty i Thrissur, Kalpetta in Wayanad Kunnathanam in Pathanamthitta. SEZ for animation and gaming in TVPM, SEZ for electronics, Kochi provides infrastructure across the state and woo potential investors across the world.</p>
<p>IREDA (Indian Renewal Energy Development Agency Ltd, Lodi Road New Delhi 110003</p>	<p>Promoting developing and extending financial assistance for Projects relating to Renewable Energy and conservation</p>
<p>ANRT, Pattom P.O, TVM Ph: 2440122</p>	<p>To disseminate useful knowledge in various fields renewable energy sources, Energy conservation and rural technology</p>
<p>National Centre for Jute Diversification (NCJD) CIT Scheme VII (in) Tladange, Culcutta – 700067 Ph: 351-3269/3373/9818 Fax: 91-33-351-3270</p>	<p>To provide and create necessary infrastructural facilities and conditions conducive to the development of Jute, Jute products and Diversified Jute products.</p>
<p>Vegetable and Fruit promotion Council Kerala Mythiri Bhavan, Kakkanad Kochi – 682037 Phone : 2427560, 2427455 Web site: www.vfpck.org</p>	<p>Training in Processing and value addition of fruit and Vegetables</p>
<p>Technology Development Board, New Mebaruli Road, new Delhi 110016 Ph: 6516073, 6962819 Fax: 6857643</p>	<p>Provides soft loan to industrial enterprises for Technology Development</p>
<p>National Institute for inter disciplinary Science & Technology (NIIST) (formerly RRL) Thiruvananthapuram-695019 Ph: 2515340</p>	<p>Multidisciplinary R&D Organization</p>
<p>National Insitute of Small Industry Extension Training Yousufguda, Hyderabad – 500045 Ph: 04023608544 Fax: 04023608547 E mail: webmaster@niset.org Web Site: www.niset.org</p>	<p>Product Selection and assistance in preparing project report, Feasibility report, market survey</p>
<p>Central Electrochemical Research Institute Karakudi-630006, Tamilnadu Ph: 04565227550 to 9 Fax: 04565227713/227779 Email : director@cecrLres.in Web site: www.cecrlres.in</p>	<p>Product Selection and assistance in preparing project report, Feasibility report, market survey</p>
<p>Central Manufacturing Technology Institute Tumkur Road Bangalore</p>	<p>Product Selection and assistance in preparing project report, Feasibility report, market survey</p>
<p>Khadi & Village Industries Commission, Gramodaya M G Road, PB No: 198 TVM 695</p>	<p>Assistance to Khadi & Village Industries</p>

001 Ph: 0471 2331625 Fax: 0471 2331061 E mail: sokctvm@sancharnet.in Web Site: www.kvic.org.in	
Central Institute of Plastic Engineering and Technology IV th . K. Industrial Estate, Gundy Chennai -600032 Ph: 04422343960 Fax: 04422347320 E mail: cipetha@vsnl.com Web Site: www.cipetindia.com	Transfer of Technology Products selection, feasibility studies in the concerned area
Central Institute of Medicinal and Aromatic-plants P.O. CIMAP, Near Kukrail Picnic Spot, Lucknow – 226015 Ph: 05222359623, Fax: 05222342666 E mail: director@cimap.res.in Web Site: www.cimap.res.in	Transfer of Technology – in Manufacturing of essential oil.
Weavers Service Centre Madeena Complex, 1 st & 2 nd Flour, South Bazar Kannoore – 002 Ph: 0497 2700937 Fax: 0497 2711085	In Handloom Textiles
Employees State Insurance Corporation, Panchheedep Bhavan, North Swaraj Road, Thrissur- 680020 Ph: 0487 2331241 Fax: 0487 2338441 E mail: esitcr@ker.nic.in Web site: www.esic.nic.in	Registration under ESI Act
Concerned Grama Panchayath Municipalities Corporation of the concerned area	Issuing D and O License in the concerned area operation
Deputy Commissioner of the Area or Commercial Tax officer of the area , Web www.keralataxes.org	Sales Tax Registration CSTNAT Regn.
Commissioner of Central Excise & Customs (depends) upon location of the factory Web site: www.cenexcalicut.gov.in	Central Excise License (Items covered under Central Excise Rules)
Excise Superintendent Dy. Supdt. Of the local area	License to possession & use of rectified spirit and denatured spirit
Commissioner of Excise	Permission to set up distilleries
The Asian & Pacific Centre for Transfer of Technology, Technology Bhavan, New Mehrauli Road, New Delhi - 110065	Technical know-how for new products & Transfers of Technology from R&D Centers to Industry.
National Research Development Corporation of India (NRDC) 20-22 Zamrudpur Community Centre in Kailash Colony, Extension , New Delhi 100048, Ph: 0116419904, 6417821, 6480767, 6432627	-do-

Fax: 0116460506, 6478010 Web site: www.nrdcindia.com	
Centre Footwar Training Centre 65/1 , GST Road Gundy, Madras- 32	-do -
Central Tool Room and Training Centre, Bonhooghly Industrial area, Culcutta – 35 (Tool Design and making)	-do-
Central Tool Room , A-5, Focal point Dhandarikalán, Ludiana- 141100	-do-
Proto type development and training centre NSIC limited Bhavanagar Road, Rajkot- 360003	-do-
Community canning and preservation centre food and nutrition extension offices (training in Fruit Syrups, Jam etc) TVM 695001	-do-
Controller, Legal metrology Department Vikas Bhavan, TVM Ph: 0471 2305996 Fax: 0471 2305996	Name and address of manufactures and packers of consumer goods registration
Development Commissioner Cochin, Special economic Zone (CSEZ) , Ministry of Commerce, Govt. of India, Kakkanad, Cochin- 682 037 Ph: 0484 2413222, 2413111, Fax: 0484 2413074 E mail: dc@csez.com Web Site: www.csez.com	For setting up Industrial units in the Cochin Export processing zone Kakkanad and in notified SEZ
Export credit guarantees corporation of India Limited (ECGC) HDFC House, 2 nd Flour, Ravipuram Junction, M G Road , Ernakulam – 682015 Ph: 0484 2359457, 2359437 Fax: 0484 2359016 Web site: www.ecgcindia.com	Provides a range of credit risk (Commercial risks and political risks). Insurance covers to exporters against loss in export of goods and services, instructions to enable exporters to obtained better facilities from them.
Member Secretary , Kerala Export Promotion Council I C. 15/1399, Karthika Tagor Nagar Cotton Hill Road, Vazhuthacaud, TVM – 695014 Ph: 0471 2323032 Fax: 0471 2323058 E mail : kerexil@md3.vsnl.netin	Export related consultation.