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Ministry of MSME**

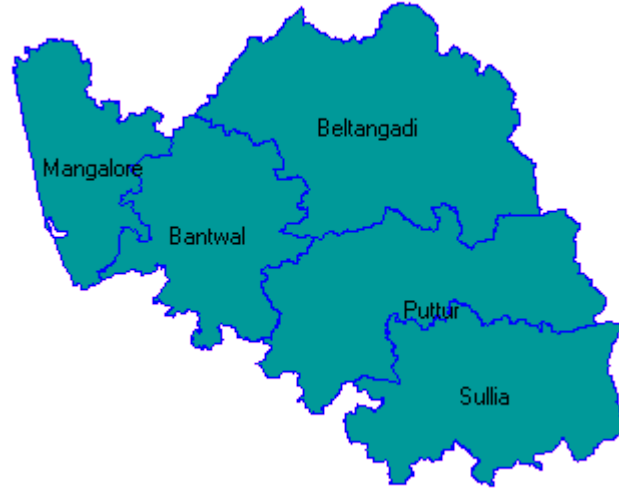
Brief Industrial Profile of Dakshina Kannada District



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

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Map of Dakshina Kannada District

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Brief Industrial Profile of Dakshina Kannada District

1. General Characteristics of the District:

Sheltered by the soaring Western Ghats on the east and bordered by the blue waters of the Arabian Sea, Dakshina Kannada district is blessed with abundant rainfall, fertile soil and lush vegetation. Pristine beaches, picturesque mountain ranges, temple towns and a rich culture make it a sought after tourist destination. The district is well known for Yakshagana- a fabulous costumed dance drama form, Kambala- the sport of buffalo racing by farmers, Kori-katta (Cock Fight) and Bootha Kola. District is a hub for major information technology and outsourcing companies.

This district also has the distinction of formation of some of the leading banks in the country and well known educational institutions. Mangalore, the district head quarter is called as the gate way to Karnataka due to the presence of New Mangalore Port Trust which is an all weather port.

1.1 Location & Geographical Area:

The district is a part of peninsular India located half way between Mumbai and Cape Cameron and is stretching 60 Kms. from North to South and 70 Kms. from East to West in the form of a low lying broken plateau from Western Ghats to Arabian Sea.

Geographically the district is divided into three belts

- Coastal tract, the most thickly populated region.
- Middle belt consisting of hills and fertile valleys with several gardens of areca nut, coconut and paddy fields.
- Western Ghats, the eastern boundary of the district, consisting dense evergreen forests.

1.2 Topography:

The topography of the district varies from plain to undulated terrains at various locations. An interesting feature of the coastal strip and the middle belt is that, it is not a plane but a series of estuarine low lands separated by numerous hill ranges. The coastal tract is the most densely populated part of the district and is the most fertile belt. The middle belt again has an undulated topography with hills and dales.

The district is characterized by sandy soil along the coastal belt and lateritic soil in other parts with high iron and aluminum contents. Laterite stones are available more in the high plain of interior district which are useful for construction purpose. There is rich deposit of alluvial soil in the valleys and ravine bases. The water retention capacity of the soil is very poor. To the east of the coastal region the soil is suitable for growing Arecanut, Banana, Cocoa and Rubber.

1.3 Availability of Minerals :

Major type of minerals available in the district are Building Granite and Laterite Stone. Other minerals namely Quartz, Dolerite, Lime Shell and Lime Kankar are available in a minor quantity.

PRODUCTION OF MINERAL 2010-11(in Metric Tonnes)

NAME OF MINERAL	PRODUCTION 2010-2011					Total
	Mangalore	Bantwal	Puttur	Sullia	Belthangady	
Quartz	-	-	-	-	50	50
Building Granite	285703	165000	15900	8040	60485	535128
Laterite Stone	21315	4474	9350	12825	4250	52214
Dolerite	303.302*	-	-	-	-	303.302
Lime Shell	624	-	-	-	-	624
Lime Kankar	-	-	-	350	-	350
Total	307642 MTs 303.302* M3	169474	25250	21215	64785	588366 MTS

SOURCE- DEPT. OF MINES & GEOLOGY, MANGALORE

1.4 Forest:

Dakshina Kannada district has large tracks of tropical evergreen forest called Western ghat forest which is one of the biodiversity hot spots in the world. This district has forest area of 128476 Hectares. Forest area is more in Belthangady taluk (49837 Ha) followed by Sullia taluk (43282 Ha) and Puttur taluk (27386 Ha). There is vast scope for development of ecotourism in forest area.

1.5 Administrative set up:

The head of the district administration is the Deputy Commissioner & Magistrate who is drawn from Indian Administrative Service. Though most of the developmental activities in the district are carried out by the various functional departments, the Deputy Commissioner as head of the district has a central role as the coordinator of programs implemented in the district.

Dakshina Kannada District has 2 revenue sub divisions viz., Mangalore and Puttur and 5 Taluks viz., Mangalore, Bantwal, Puttur, Belthangady and Sullia.

The general administration of the district including industrial development at the apex is being looked after by the elected body called Zilla panchayat. The district has a Chief Executive Officer and other officers appointed by the State Government. Down below, there are various district level officers of the State Government to perform/execute the various regulatory/development functions assigned to them. The District Industries Centre is one such district level office headed by an official of the State Government designated as Joint Director under whom a number of functional Managers and Asst.Directors work for the promotion and development of industrial and commercial enterprises in the two sub divisions of Dakshina Kannada district. Taluk level extension officers headed by Dy.Director, Khadi and Village industries are appointed in each taluk of the district for the promotion of industries in rural areas.

2. District at a glance

S.No	Particular	Year	Unit	Statistics
1.	Geographical features			
A.	Geographical Data			
	i) Latitude	12°27' and 13°58' North Latitude		
	ii) Longitude	74°35' and 74°4' East Longitude.		
	iii) Geographical Area	2010-11	Hectares	477149
B.	Administrative Units	2010-11		
	i) Sub divisions			2
	ii) Tehsils			5
	iii) Sub-Tehsil			-
	iv) Patwar Circle(Hobblies)			17
	v) Panchayat Simitis			-
	vi) Nagar nigam			-
	vii) Nagar Palika			1
	viii) Gram Panchayats			203
	xi) Revenue villages			416
	x) Assembly Area			8
2.	Population	2011		20,83,625
A.	Sex-wise			
	i) Male			10,32,577
	ii) Female			10,51,048
B.	Rural Population			10,91888
C.	Urban Population			991737
3.	Agriculture	2010-11		
A.	Land utilization			
	i) Total Area		Hectare	477149
	ii) Forest cover		“	128476
	iii) Non Agriculture Land		“	65483
	iv) Cultivable Barren land		“	58780
4.	Forest			
	(i) Forest	2010-11	Ha.	128476
5.	Livestock & Poultry	2007		
A.	Cattle			
	i) Cows		Nos.	396609
	ii) Buffaloes		Nos.	15119
B.	Other livestock			
	i) Goats		Nos.	25749
	ii) Pigs		Nos.	5332
	iii) Dogs		Nos.	221401
6.	Railways	2010-11		
	i) Length of Rail line		Kms	118.63

7.	Roads	2010-11		
	(a) National Highway		Kms	239.71
	(b) State Highway		Kms	528.8
	(c) Main District Roads		Kms	775.85
	(d) Other district & Rural Roads		Kms	1297.15
	(e) Rural road/ Agriculture Marketing Board Roads		Kms	-
	(f) Kacha Road		Kms	4906.77
8.	Communication	2010-11		
	(a) Telephone connection			137060
	(b) Post offices		Nos.	474
	(c) Telephone Exchanges		Nos.	147
	(d) Density of Telephone		Nos./1000 person	-
	(e) Density of Telephone		No. per KM.	-
	(f) PCO		No.	6329
	(g) Mobile phones		No.	660204
9.	Public Health	2010-11		
	(a) Allopathic Hospital		No.	76
	(b) Beds in Allopathic hospitals		No.	1895
	(c) Govt. Ayurvedic Hospital		No.	2
	(d) Beds in Ayurvedic hospitals		No.	31
	(e) Unani hospitals		No.	2
	(f) Community health centers		No.	7
	(g) Primary health centers		No.	64
	(h) Dispensaries			7
	(i) Sub Health Centers		No.	430
	(j) Private hospitals		No.	1629
10.	Banking	2010-11		
	(a) Commercial Bank		Nos.	374
	(b) Rural Bank		Nos.	18
	(c) Co-Operative bank		Nos.	34
11.	Education	2010-11		
	(a) Primary school		Nos.	362
	(b) Middle schools		Nos.	1092
	(c) Secondary & senior secondary schools		Nos.	477
	(d) Colleges		Nos.	184
	(e) Technical University		Nos.	-

2.1 Existing Status of Industrial Areas in the Dakshina Kannada District

S. No	Name of Ind. Area	Land acquired (In Acres)	Land developed (In Acres)	Prevailing Rate Per acre (In Rs.lakhs)	No. of Plots developed	No. of allotted Plots	No of Vacant Plots	No. of Units in Production
1	Baikampady	941.77	546.02	25	508	508	Nil	475
2	Karnad	65.85	65.85	10	86	86	4	69
3	Puttur	21.43	21.43	-	36	36	Nil	34
4	Tannirbhavi	124.5	-	30	-	2	77.26	1
5	EPIP	205.16	164.28	35	33	25	28.50	-
6	ITSEZ	517.93	153.80	45	15	9	40.96	1
7	Canara	585.66	585.66	50	-	-	279.77	-

Source : KIADB Zonal Office, Baikampady

3. Industrial Scenario of Dakshina Kannada District:

In Dakshina Kannada district, industries such as tile, beedi, cashew kernel, coconut oil, food and beverages and manufacturing activities like rubber/plastic goods, wooden products etc had a prominent presence. The tile industry has been in decline due to non availability of quality clay and fire wood in addition to labour shortage and public preference for concrete structures in the modern era. The Beedi rolling industry is one of the major home industries of district. After establishment of sea port at Mangalore in the seventies there is rapid momentum in industrialization in the district. Due to the presence of large and mega industrial units in the district, a large number of micro and small enterprises are coming up.

Taluks in Dakshina Kannada district have been divided into zones for industrial incentives namely

Zone 3: Bantwal, Mangalore (excluding Corporation limits), Puttur, Sullya & Belthangadi

Zone 4: Mangalore (Corporation limits)

Status of Existing Industries in the district:

There are 18918 registered SSI units with total investment of 67217 lakhs employing 88698 persons in the district. There are 3 medium scale industries, 17 large scale industries and 3 Mega industries.

Sl. No.	Particulars	No. of units	Investment in Lakhs	No. of Employment
1	Small & Micro Enterprises	18918	67217	88698
2	Medium Enterprises	3	26.95	101
3	Large Industries	17	1083.65	3451
4	Mega Industries	3	9506.19	2472

(Source: DIC, Mangalore)

3.1 Industry at a Glance

Sl.No	Head	Unit	Particulars
1.	Registered Small Scale Industrial Units	NO.	18918
2.	Registered Medium & Large Units	NO.	20
3.	Estimated Avg.. No. of Daily Worker Employed in Small Scale Industries	NO.	5
4.	Employment in Large and Medium Industries	NO.	3552
5.	No. of Industrial Area	NO.	7
6.	Turnover of Small Scale Industries.	IN LACS	-
7.	Turnover of Small Scale Industries Large and Medium Industries.	IN LACS	-

(Source: DIC, Mangalore)

3.2 Year wise Trend of Units registered

Sl. No.	Year	Unit	Investment in lakhs	Employment
1	1984-85	467	469	2741
2	1985-86	519	963	4582
3	1986-87	585	1017	4582
4	1987-88	452	972	3000
5	1988-89	450	870	2743
6	1989-90	414	808	2421
7	1990-91	349	955	1850
8	1991-92	336	1113	2089
9	1992-93	370	988	2385
10	1993-94	432	1326	2512
11	1994-95	493	1850	2769
12	1995-96	516	1975	3250
13	1996-97	631	1712	3822
14	1997-98	850	2806	4254
15	1998-99	839	2080	3020
16	1999-00	766	2657	3210
17	2000-01	763	2646	3074
18	2001-02	822	1307	2440
19	2002-03	620	1253	1895
20	2003-04	728	1198	2115
21	2004-05	693	1845	2283
22	2005-06	810	1940	2528
23	2006-07	800	2730	2848
24	2007-08	804	4518	3027
25	2008-09	960	5280	5034
26	2009-10	1040	6806	4288
27	2010-11	1150	7210	5481
28	2011-12	1259	7923	4455
	Total	18918	67217	88698

(Source: DIC, Mangalore)

3.3 Details of existing Micro & Small Enterprises and Artisan units in the District as on 31.3.2012

NIC Code No.	Type of Industry	Number of Units	Investment (Lakh Rs)	Employment
20	Agro based	1990	9842.00	12950
22	Soda water	285	9842.00	1855
23	Cotton textile	170	388.00	510
24	Wooden silk & artificial thread based clothes	0	0	0
25	Jute and Jute based	0	0	0
26	Readymade garments and embroidery	3850	13984.00	18400
27	Wood/Wooden based furniture	3690	10693.00	14070
28	Paper & paper products	556	2535.00	3336
29	Leather based	375	570.00	750
31	Chemical/Chemical based	150	1216.00	1600
30	Rubber, Plastic & petro based	385	1463.00	1925
32	Mineral based	105	1919.00	2525
33	Metal based (Steel Fab)	3250	9690.00	12750
35	Engineering units	450	2736.00	3600
36	Electrical machinery & transport equipment	330	752.00	990
97	Repairing and servicing	450	1026.00	1350
01	Other	2882	8993.00	12087
	Kachori Making	0	0	0
	Total	18918	67217.00	88698

(Source: DIC, Mangalore)

3.4 Large and Mega Scale Industries in Dakshina Kannada District upto 2011-12

Sl. No	Name and address of the unit	End Product	Sector	Constitution	Total Investment (Rs.in crores)	Employment (Nos)	Date of commencement of Production
1	BASF India Ltd., Surathkal Bajpe Road, Bala Via Katipalla, Mangalore	Dyes & Dispersion	Chemical	Limited	198.00	312	1996
2	Bharat Petroleum LPG Bottling Plant, Indl. Area, Baikampady,Mangalore	LPG Filling	General	Public sector	12.43	59	1986
3	CAMPCO Chocolate Factory,Kemminje, Darbe, Puttur	Cocoa processing, Cocoa Butter, Cocoa Powder, Chocolate	Food	Co-Op.	35.00	300	1986
4	Total LPG India 62, Thokur village, Jokatte Post, Indl. Est., Baikampady,Mangalore	Bulk LPG Loading Cylinder Refilling	General	Limited	78.00	29	1999
5	Hindustan Unilever Ltd., Sulthan Battery Road, Bolor Village, Mangalore – 33	Wheel Powder & Wheel, Rin Bar	Chemical	Limited	16.41	172	1987
6	Mangalore Chemicals & Fertilizers, Panambur, Mangalore	Ammonia, Urea, Sulphuric Acid	Chemical	Limited	581	808	1966
7	M/s Primacy Industries Pvt Ltd., Plot No.7, Baimapady, Mangalore	Mfg. of Wax candles	Chemical	Private Limited	59.12	1122	2004
8	Strides Arco Lab & Speciality Ltd. Indl. Area, Baikampady, Mangalore	Chemical bulk drugs	Chemical	Limited	17.20	200	1995
9	Kudremukh Iron Ore Projects, Panambur, Mangalore	Pellets	Mines	Public sector	1501.14	509	1976
10	Lamina Suspension Products Limited, 17-20, Industrial Area,	Laminated springs/ spring leaves	Engineeri ng	Limited	29.42	600	1976

11	Mangalore Refinery & Petrochemicals Ltd., (M R P L), Kuthettur Post, Katipalla, Mangalore- 30	Crude, LPG, MS (Petrol)	Chemical	Public sector	7424.05	1248	1996
12	M/s Ultratech Cement Ltd., Panambur, Mangalore	Cement Packing	Chemical	Limited	21.01	68	1998
13	M/s Prakash Offset Printers, Plot No.164A, Baikampady, Mangalore	Offset Printing	Printing	Partner	10.38	45	1983
14	M/s Rajashree Packagers Pvt. Ltd., Baikampady Indl. Area, Mangalore-10	Refined edible oil	Food	Pvt. Limited	73.42	61	2000
15	M/s Ruchi Soya Industries Ltd., Baikampady, Mangalore	Refined edible oil	Food	Limited	112.00	90	2001
16	M/s Infosys Technologies Limited, Kottara Mangalore	Software development	I.T./B.T.	Limited	70.00	240	1995
17	First Indian Corporation Pvt. Ltd., 6 th & 7 th floor, Manasa tower, M G Road, Kodialbail, Mangalore	I T S & Software development	I.T./B.T.	Limited	12.40	635	2007
18	M/s Infosys Technologies Limited, IT& ITS, SEZ, Kairangala, Pajeer, Bantwal Taluk	Software development	I.T./B.T.	Pvt. Limited	250.00	460	2007
19	MPHISIS (India) Pvt. Ltd., 92, Mangalore Thota, Jeppu ward, Morgansgate, Mangalore.	I T S (BPO)	I.T.S.	Pvt. Ltd.	67.98	176	2005
20	Invenger Technologies, Kottara, Mangalore	Software development	I.T./B.T.	Limited	20.85	160	2006

Source: DIC Mangalore

3.5 Major Exportable Item :

Historically, Dakshina Kannada district has been a major exporter of commodities like Tiles, Leaf springs, Spices, Cashew nuts, Handicrafts etc. Recently the district has emerged as a major player in the export of Engineering goods, Readymade Garments, Chemicals, Minerals and Ores, Food items, Fish Meal, Fish Oil, Flowers, Gherkins, Polished Granite etc. Export of perishables such as jasmine and vegetables to West Asia is getting boosted through international flights operating from the Mangalore airport. Dakshina Kannada district also has its share in the export of software from the state due to the presence of STPI, Mangalore and other major IT companies including Infosys. Following table depicts the details of items exported through New Mangalore port during 2010-11 and 2011-12.

Items exported through New Mangalore port during 2010-11 and 2011-12.

Sl. No.	Name of the commodity	Tonnage April 2010 to March 2011	Tonnage April 2011 to March 2012
1	Coffee	128.378	144.621
2	Reefer Cargo	42.270	49.484
3	Brake Drums	330	316
4	Cashew Kernels	10.126	12.481
5	Leaf Springs	3.458	3.569
6	C.N.S.L.	3.053	2.870
7	Cocoa Powder	1.320	957
8	Chemical Dye	90	84
9	Fish Meal	64.556	39.223
10	Fish Oil	11.811	13.057
11	Personal Effect	37	47
12	Swan Timber	27	-
13	Gherkins	74	324
14	Bio Plate	870	778
15	Machinery	1.943	1.345
16	Tiles	161	510
17	Food Stuff	221	426
18	Plywood	56	-
19	Wax Candle	16.400	16.506
20	Polished Granite	5.151	6.917
21	Pig Iron	2.005	-
22	Molasses	-	767
23	Chemicals	4.047	3.688
24	Maize	-	3.707
25	Suzlon Blades	-	924
26	Rice	-	118
27	Liquors	490	37
28	Lead Ingots	1.508	1.387
29	Printed Books	166	408
30	Salt	-	120
31	Wooden Lags	-	30
32	Others	1.112	1.535
33	Empty Container	-	-
34	-do- Reefer	-	-
35	Tare Weight	44.103	49.320
	TOTAL	343.773	355.556
	GRAND TOTAL	567.862	645.305

Source: <http://www.newmangalore-port.com/>

3.6 Growth Trend:

Increase in trade and commerce, development of service industries, IT-ITES clusters and Special Economic Zones are visible in the district in the recent years. A few chemical, engineering, automobiles and food processing units have been initiated in the district. The city of Mangalore in the district is undergoing a rapid economic change.

Several Special Economic Zones are emerging in the district. Mangalore Special Economic Zone (MSEZ) is designed as a multi product SEZ catering to petrochemical, manufacturing, service, trading and warehousing industry. The district is one among the few PCPIRs (proposed) (petroleum, chemicals and petrochemicals investment regions) in the county. Oil and Natural Gas Corporation (ONGC)-Mangalore Refinery and Petrochemicals Limited. (MRPL) is planning mega investments in the region.

In IT/ITES activities too, the district is fast catching up with other major cities. IT major Infosys has established a large presence in the district. With increasing real estate costs in Bangalore, Mangalore has emerged as a prominent destination for development of IT industry. Keeping this in view, the Government of Karnataka (GoK) is facilitating development of IT Corridor and a Software Park in Mangalore. Infosys is setting up its IT SEZ near Konaje heralding the entry of other IT firms.

The district is fast emerging as an attractive real estate destination in Karnataka. There is boom in construction industry in the district. The district also has a potential to emerge as one of the largest domestic hospitality markets in South India, driven by the growth of the tourism sector and its strategic location as gateway to tourism in northern Karnataka.

3.7 Vendorisation / Ancillarisation of the Industry:

SMEs in the district have the competence to cater to the needs of large and medium enterprises like MRPL, MCF, BASF, BHEL, HMT, and BEML. as these units are purchasing large amount of components, assemblies.

List of items/services, which are required by MRPL/ONGC are

- i. Chemicals & Catalysts
- ii. Fasteners, gaskets, oil seal, filters
- iii. Fire & Safety items
- iv. Bitumen Drums
- v. Rubber hoses (Air, Water, Steam), fire water hoses
- vi. Corrugated hoses
- vii. Pump Valves
- viii. Clamps, Guide rings, Castings
- ix. Aluminium ladders
- x. Galvanised gratings

Service Items:

- i. Civil works
- ii. Electrical & Instrumentation works
- iii. Mechanical works like Rigging, Crane repairing, Machinists, etc.
- iv. Janitorial & Housekeeping Services
- v. Painting jobs (letter writing, painting of structures, Tankages)
- vi. Heat Exchanger tube cleaning
- vii. General maintenance works (supply of Skilled & Unskilled workmen)
- viii. Scaffolding work
- ix. Vessel opening & cleaning jobs
- x. Fabrication & welding jobs
- xi. Garden maintenance, tree cutting, etc.
- xii. Pipeline transfer & oil skimming work
- xiii. Printing, computer stationeries, binding works.

According to BHEL, Electronics Division Bangalore, it is having Rs.5200 crore order book and the products are mainly automation and power electronic system, Defence electronics, Agro Solar Panels for space, Traction Power fluctuators . As per the Sub-contract division, HMT, Bangalore, it is having its requirement in the area of fabrication, electrical, machine components worth Rs.5 crore every year and interested SMEs can become vendors as suppliers to the Company. BEML procurement of material yearly is around Rs.2500 crores in the areas of aero space, mining, hydraulic engines etc. The main areas of requirement are Forgings, Casting, and Foundry. SEZ Units in the district may sub-contract part of their production or production process through Units in the Domestic Tariff Area (DTA) or through other EOU / SEZ Units. .

State level Vendor Development programmes have been organized by MSME-DI in the district to bring SMEs of the district along with the public sector undertakings on a single platform so that they can interact each other.

3.8. Medium Scale Enterprises

Name and address of the unit	End Product	Sector	Constitution	Total Investment (Rs.crores)	Employment(Nos)
M/s Contract Re-sources Petrocem services (India) Pvt.Ltd.,Baikampady Indl. Area, New Mangalore-11	Catalyst Loading & Servicing Maintenance	-	Private Limited	5.30	45
M/s Mahima Shankar Processed Foods Pvt. Ltd.,D.No.2-141A, Narimogaru village, Puttur	Chips & Flakes, Masala Powder	Food	Private Limited	11.65	33
M/s Mukka Sea Food Industries, Pvt. Ltd.,1 4-161-10-164, Sashihithlu Road, Mukka, Mangalore	Fish meal and fish oil	Food	Private Limited	10.00	23

Source: DIC, Mangalore

3.9. Service Enterprises:

3.9.1 Potentials areas for service industry

Due to the availability and demand for perishable items like fish, fruits and vegetables in this district, cold storages can be set up. Cold storages for fruits, vegetables, flowers, pulses, etc., could be established in Mangalore and Puttur taluks.

A huge jump in the automobile population particularly small car and two wheeler bikes in the urban and rural areas have created scope for automobile service and repair units in this district

There is shortage of activities for providing services to house hold articles like refrigerators, grinders, washing machines, air coolers, fans etc. which is an opportunity in this sector for many skilled people of this region.

Motor rewinding depends upon the number of motors used in industrial drives, compressors in cold storage, fans, mixers, etc., which will increase due to the development of housing sector and food sector. Also pump sets used for irrigation and drinking purpose are the other major customers for motor rewinding industry.

Advancement in the field of information technology has increased the user base of Computers and mobile phones in multifold and has generated demand for hardware and networking related services for individuals and for organisations.

Under IT Sector, activities such as establishment of computer centres, internet/e-mail centres, modernisation/expansion/diversification of existing computer centres, setting up of rural BPOs etc can be considered.

CNG/LPG conversion kit for transport vehicles, Construction of community halls can be considered in rural areas

Yoga Centers are having much scope in this region. Modern Gyms and health clubs are also having scope in this region.

There is much scope for tourism activities in this region. Backwaters of Gurpur and Netravathi River can be utilized for house boats, joy ride boats and water sports. Naturopathy Clinics can also be started. Other activities include way sided dhabhas, way side facilities etc. Under Tourism sector, units such as accommodation and restaurant facilities, transport services, travel guide, rural infrastructural facilities etc are also covered.

3.9.2 Service Enterprises having scope in Dakshina Kannada district.

Repair and Services

- Mobile Phone Servicing
- UPS Servicing
- Electrical Pumps and Motors Repair
- Motor rewinding
- Two Wheelers and Four Wheelers Servicing
- Battery Charging and Servicing
- Electrical and Electronic Household durables servicing
- Tractors and Trailer Servicing
- CNG/LPG conversion kit

Other Services

- Cold Storage
- Water Testing Centre
- Emission Testing Centre
- CD/VCD, LCD Lending
- Yoga Centre
- Modern Gyms and health clubs
- Beauty Parlour
- DTP/Internet Centre
- Photocopy
- Tailoring
- Video Conferencing
- Tourist Guide Service
- Joy ride boat services
- Naturopathy Clinics

3.10 Potential for new MSME

Paddy, being a major food crop grown in the district, there is scope for few units manufacturing items such as beaten rice and Rice Rotti.

Coconut, Areca and Cashew are the major plantation crops in the district. Industries based on Coconut such as tender coconut water, coconut chips, desiccated coconut, coconut shell powder, activated carbon, brooms made out of dried coconut leaves, coconut fibre based activities such as ropes and nets are suggested. By applying better technology in production and packaging, different value added products like salted, spiced cashew can be taken up for high end category markets by few entrepreneurs in this area. Areca nut is a major commercial crop which can be raw material for supari making.

Since seasonal fruits such as Mango, Jackfruit, Papaya, Pineapple and Banana are available in plenty in this district, fruit processing units based on these fruits can come up.

Marine Resources available in the district give scope for setting up of units based on products like fish pickles, processed fish products, canning units, fish oil and activities related to building of fishing boats, nets and other fishing equipments making.

Composite fish culture in new ponds and water logged areas, the culture of more than 3 to 4 species of fishes to get maximum production from the available water spread area is having enough scope in this region.

Forest Resources in the district give scope for setting up of industrial units like sawmills, furniture manufacturing, beekeeping and honey processing, construction of wooden boats and latex processing. The herbs and gums available in the tree bark have various applications which have been under utilized.

Natural rubber is available in good quantity and hence there is a huge scope for setting up of units to manufacture coir foam, surgical hand gloves, rubberized coir mattress, latex crepe, cycle tyres, tubes, furniture from rubber wood, footwear, floor mats, rings etc.

Waste generated through different industrial activities in the form of scrap and other activities can be converted into products of economic value. Good quality manure can be produced in short time using some of the modern micro biological decomposition technologies. Recycling of used aluminum utensils and industrial waste is suggested in rural areas.

Other suggested activities:

Floriculture is an untapped area in the district so far, except Mangalore 'Mallige 'a species of jasmine which is a seasonal flower cultivated in small pockets of agricultural land. Orchid Farms can be promoted which is having high export potential. Horticulture department is providing technical assistance and incentives to private growers of medical and aromatic plants which can be a raw material for ayurvedic medicines having both domestic and export potential. Scope for contract farming exists in case of medicinal and aromatic crops, fruits and for rearing and marketing of broiler birds.

There is scope for establishment of seed nurseries & tissue culture units.

There is plenty of opportunity for developing good number of mini dairy units. Other activities most suitable in the rural area are goat and female calf rearing in addition to poultry.

The presence of a large number of MNCs and increased availability of disposable income among the urban populace, offers good scope for ornamental fish breeding and culture. Brackish water shrimp culture has ample scope. Mari culture activities with special emphasis to mussel culture, ornamental fish culture, and integrated fish farming with poultry, dairy, fresh water prawn culture can be considered.

Urbanisation, places of tourist attraction in this region and presence of many families where both husband and wife are working, has increased the demand for ready to eat and hotels. Additives like spices and condiments are having good demand .

The younger segment of population in educational institutions are the major customers for Ice creams and cool drinks.

Educational institution consisting of schools, colleges, polytechnics and ITIs in addition to a considerable number of hospitals of varying sizes and industries regularly requires uniform for their students and employees. Lack of trained skilled manpower in the area of stitching and cutting deprives the scope for a fair number of ready made garment units in this district. Many agencies identified this lacuna and are taking initiative to create skilled human resources in this field which will help in establishing enterprises in this sector.

Construction boom generates demand for materials like stone jelly, marble slabs, tiles, door and window frames, fittings, etc. Other potential sectors are paints, metal or wood primers, mosaic tiles and concrete products like well rings, tanks and pots. Services related to construction activity having demand are carpentry, electrification, plumbing and security.

Due to heavy infrastructural activities such as laying of pipe lines, construction of oil tankers and boilers coming up in recent times, there is considerable scope for metal joints and metal forming by way of welding of different types such as specialized welding MIG,TIG etc.

Another important activity of metal works and foundry are different types of metal testing which gives opportunity for setting up of Heat Treatment and Non Destructive Testing Centres to cater the needs of service providers and service seekers.

Presence of innumerable number of temples and other religious centres in and around the district gives great scope for non ferrous foundries for making statues of god/goddess, special utensils for pooja and bell for temples.

Galvanising, Nickel, Chrome Phosphate, Anodising, Powder Coating etc are in demand due to growth in base industries. Recovery of lead from used lead acid batteries and recovery of copper and gold from mother boards of electronic circuits of IT tools scrap are having scope.

List of Potential MSME in the district

3.10. 1 Agro/Plantation crop based Industries

- Beaten Rice
- Rice Rotti
- Tender coconut water
- Coconut chips
- Coconut shell powder
- Desiccated Coconut
- Activated Carbon
- Ropes
- Brooms made out of dried coconut leaves
- Cashew based products like salted, spiced cashew

3.10.2 Vegetables and Fruit processing

- Fruit pulps & juices
- Canned fruits & vegetables
- Soups and sauces
- Pickles
- Jams

3.10.3 Other Food products

- Noodles
- Bakery Products
- Pappad
- Ready-to-eat items
- Infant food
- Food additives

3.10.4 Spice products

- Spice mixes
- Condiments

3.10.5 Beverages

- Squashes
- Mineral water
- Carbonated soft drinks

3.10.6 Herbal related

- Medicinal and Aromatic Crops like Aloe Vera, Ashwagandha and Patchouli (feasible with proper buy back arrangements).
- Herbal cosmetics
- Herbal medicines

3.10.7 Other Agro related activities

- Production of Hybrid / improved varieties of seeds and saplings
- Model nurseries
- Mushroom cultivation
- Specialized transport units for horticulture and floriculture sector, fisheries and animal products
- Controlled environment growing including greenhouse / poly house growing for vegetables, fruits, bulbs, tubers, pot plants and ornamental plants
- Dried flowers

3.10.8 Fisheries based:

- Minced fish products
- Development of bioactive and pharmaceutical products from aquatic resources
- Frozen marine products
- Canned shrimps and prawns
- Prawn flakes
- Ornamental fish culture
- Seed production for ornamental fishes
- Brackish water shrimp culture, mussel culture
- Integrated fish farming with poultry, dairy
- On board and on shore equipments for fishing and fish processing
- Fish Meal from Fishery waste

3.10. 9 Dairy products

- Value added milk products – milk and cream in powder, packaged milk, butter, ghee, ready-to-drink milk products.
- Low cholesterol ghee fortified with herbs

3.10. 10 Poultry related

- Edible poultry meats – fresh, frozen and others
- Poultry products produced from birds fed on organically produced feed
- Egg products
- Poultry husbandry
- Poultry Feed

3.10. 11 Meat products

- Fresh/Chilled/Frozen Meat
- Meat extracts
- Sausages and canned meat

3.10.12. Animal husbandry

- Rabbit rearing
- Dairy husbandry
- Goatery
- Animal feed

3.10. 13 Food Engineering and Processing

- Freezing and chilling - meat, seafood,poultry
- Machinery, equipment for grain handling and processing
- Pulses processing – driers, colour sorters,packaging units
- Bakery equipment – machinery,equipment (traditional and industrial)
- Beverage equipment
- Slicers/cutting equipments
- Refrigeration and air-conditioning for agro and food processing industries

3.10. 14 Agri Engineering

- Precision machinery for irrigation and hill agriculture, horticulture, livestock, fisheries production
- Spray equipments
- Harvesting machinery
- Machinery, equipments for sorting, handling and packing products immediately after harvest systems for conditioned storage of produce
- Material Handling equipments

3.10. 15 Eco friendly items and activities

- Bio fuels
- Bio-organic manure/ Vermicompost
- Recycling agricultural waste products & materials to useful food & non food value added end product
- Agro based insecticides and pesticides
- Ecotourism in forest area

3.10. 16 Metallurgical related:

- Metal joints and metal forming by way of welding of different types such as specialized welding MIG,TIG etc for laying of pipe lines, construction of oil tankers and boilers.
- Heat Treatment and Non Destructive Testing Centres
- Non ferrous foundries for making statues of god/goddess, special utensils for pooja and bell for temples.
- Galvanising, Nickel, Chrome Phosphating , Anodising ,Powder Coating
- Recovery of lead from used lead acid batteries and recovery of copper and gold from mother boards of electronic circuits of IT tools scrap
- Aluminium Pressure Die casts
- Aluminium Extruded products
- Copper Wire and strip
- Foundry for ferrous items
- Non-ferrous casting
- Silver Foils
- Welding Electrodes
- Aluminium Fabrication
- Pressure Die castings
- General Foundry

3.10. 17 Electrical and Electronics related

- UPS
- Electronic Ballasts
- Display boards
- Electric chokes
- Switch boards
- Panel boards
- Street light fittings

3.10.18. Glass and Ceramics related:

- Chalk Crayons
- Pavement Blocks
- Dense Clay Blocks
- Hollow Blocks
- Ophthalmic lens Grinding
- Decorative Roofing Tiles
- Flyash Bricks
- Screen Printing on Glass
- Screen Printing on Ceramic Cups, Plates
- Ceramic Powder
- Hydraulic Clay Blocks
- Studio Pottery
- Flower Pots(Clay)
- Flower Pots (Cement Concrete)
- Terracotta
- Etched Glass Articles
- Well rings

3.10. 19 Chemical related

- Auyurvedic Soap
- Liquid soap
- Decorative Candles
- Detergent and Washing Powder
- Phenyl(Disinfectant, Deodorant)
- Aerosol
- Sodium Silicate
- Naphthalene Balls
- Chlorine tablets
- Camphor Tablets
- Hardware chemicals such as Thinner, Wall putty, Primer, Adhesive, Gum for book binding, Printing ink
- Medical and Industrial Oxygen
- Storage batteries
- Distilled water for automobiles

3.10. 20 Petro Chemical products

- Plastic sheets/covers
- HDPE Woven sacks
- Plastic disposable cups and plates
- Plastic moulded articles
- Plastic moulded luggages (brief case)

3.10. 21 Medical related

- Surgical gloves
- Disposable syringes
- Surgical bandages
- Urine bags
- Sterilized Cotton
- IV Fluids
- Hospital Beds

3.10. 22 Automobile related

- Automobile body building
- Precision turned auto components
- Auto Horns
- Beading
- Radiators
- Silencers

3.10. 23 Other consumables

- Paper bags
- Paper Disposable Cups and Plates
- Stationery items such as envelopes file covers/folders, Note books
- Seat Cushion covers
- Bindi
- Sanitary Napkins
- Steel Furniture

4. Existing Clusters of Micro & Small Enterprise

4.1 Details of Major Clusters in the district:

4.1.1 Major Clusters in the Manufacturing Sector:

1. Cashew Processing
2. General Engineering
3. Fabrication
4. Printing
5. Food items
6. Polythene Sheets and Bags
7. Carpentry

4.1.2 Major Clusters in the Service Sector:

1. Software Development
2. ITES

4.2 Details of Identified Cluster:

One cluster identified in this district is the 'Mangalore Gold Ornament Making cluster' which is promoted by the Gold Jewellery making artisans of this district.

5. General issues raised by industry association: Following points are reproduced based on the discussion with Industry Association

a. Lack of Power: Lack of uninterrupted power supply is the major problem faced by industries of this district.

b. Problem of skilled manpower: Inefficient human factor creates innumerable problems for the survival of industries. Non-availability of adequate skilled manpower poses problem to Micro and Small Enterprises.

b. Inadequate credit assistance: Need based cash flow for working capital is lacking, which is affecting the smooth functioning of Micro and Small Enterprises.

e. Absence of adequate infrastructure: Most of industrial estates are not having provision for maintenance of infrastructure. Absence of adequate infrastructure adversely affect the quality, quantity and production schedule of the enterprises which ultimately results in under-utilization of capacity.

f. Competition from global market: Small-scale units find it very difficult to compete with the imported articles which are comparatively very cheap and of better quality.

g. Lack of Scientific segregation: There is no scientific segregation of Micro and Small Enterprises as per pollution norms for the classification of Red, Orange or Green categories.

h. Uniform tax rate should be adopted among states.

i. CLCSS scheme should be expanded to incorporate all types of machineries which will benefit all categories of SMEs.

6. Steps to set up MSME

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

S.No	Type of assistance	Name and address of agencies	Phone No: 0824
1.	Provisional Registration Certificate (EM-1) & Permanent Registration Certificate (EM-II)	Joint Director, District Industries Centre Yeyyadi Industrial Estate, Mangalore -575008	2212494
2.	Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports.	Branch MSME-DI, Plot No:L-11, Yeyyadi Industrial Estate, Mangalore-575008	2217696
3.	1.Land 2.Industrial shed	1.Development Officer, Indl. Area, Baikampady New Mangalore-11. 2.Branch Manager, KSSIDC, Yeyyadi Industrial Estate Mangalore-575008.	2408879 2211997
4.	Financial Assistance	1.Lead District Manager, Lead Bank Office, Hampankatta, Mangalore-1 2.AGM, NABARD, Mangalore 3.AGM, SIDBI, Mangalore 4. Deputy General Manager., Karnataka State Financial Corporation, Bunts Hostel Road, Mangaore-575 003.	2445755 2451179 2411553 2443554

5.	For raw materials under Govt. Supply	Branch Manager, KSSIDC, Yeyyadi Industrial Estate Mangalore-575008.	2211997
6.	Plant and machinery under hire / purchase basis.	Zonal General Manager, NSIC Limited No. 6 & 7, West of Chord Road, Rajajinagar Industrial Town, Bangalore - 560 044	Tel: 080-23307790/ 23307791 Fax: 080-23386578
7.	Power/ Electricity	MESCOM 1.No:1 Sub Division Attavara 2.No.2 Subdivision, Kavoor	2424149 2481656
8.	Technical Know –how.	Karnataka Council For Technological upgradation(KCTU) 4th Floor, Basava Bhavan, Basaveswara Circle, Bangalore - 560 001; Karnataka	080 22250772 Fax : +91 80 22286607
9.	Quality & Standard	Bureau of Indian Standards (BIS)Peenya Industrial Area, 1st Stage, Bangalore - Tumkur Road, Bangalore 560 058	080-28394955, 28394956 , 28396324 080-28398841 (Fax)
10.	Marketing /Export Assistance	Visvesvaraya Industrial Trade Centre, 3rd Floor, VITC Building, Kasturba Road, Bangalore-560 001.	080-22861828, 22864281, 22860853 Fax 080-22865202
11.	Other Promotional Agencies		
	a. Handlooms and Textiles	Asst. Director, Dept. of Handlooms and Textiles, I/E., Yeyyadi, Mangalore-575008.	2225056
	b.KVIB	Karnataka State Khadi & Village Industries Board, Mangalore City Corporation Building,2 nd Floor, Lalbagh, Mangalore-3	2454800
	c.Industry Associations	Kanara Small Industries Association, Baikampady District Small Industries Association, Yeyyadi, Magalore Kanara Chamber of Commerce and Industry, Bunder, Mangalore	2400180 2211031 2420128