



DISTRICT INDUSTRIAL POTENTIALITY SURVEY REPORT OF BANASKANTHA DISTRICT 2016-17

GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

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FOREWORD

The present economy of any developing nation depends upon the prevailing relationship with World Economic Union and globalised economy of the Developed Nation. Our country's economy is still passing through the concept edge of Developing Nations concept. To boost the present economy and for achieving targeted growth rate, growth of the industries is very important.

For the implementation of various Programmes and Policies, there is requirement of good data base of available resources, basic infrastructure facilities, policies of the Central and State Government. By providing skill development Training and Infrastructure facilities, living conditions of the people may be upgraded and more industries may be promoted.

MSME-Development Institute carries out District Industrial Potentiality Survey Report Annually. This Report provides rich data base about type of the industry, availability of natural resources, infrastructural facilities, skilled man power, market conditions etc. of Bhanaskantha district in the State of Gujarat.

Shri Mohammed Arshad, Assistant Director (EI), MSME-Development Institute, Ahmedabad has prepared District Industrial Potentiality Survey Report of Bhanaskantha District for the year 2016-17 by using various vital and useful statistics and information collected from the various State Government Departments and Agencies and interaction with Industrial Agencies.

The methodology adopted for the survey reports includes desk survey, documentation of data, reports received from various departments and institutions. I hope that the report will be useful immensely to the concerned entrepreneurs and various agencies for industrial growth in the Bhanaskantha District. I extend my heartily thanks to all of the State Government Departments and agencies etc., who have extended their kind co-operation in the preparation of this Report.

AHMEDABAD

JUNE, 2016


(K.H.SHAH)

Dy. DIRECTOR (MECH.)

ACKNOWLEDGEMENT

MSME-DI, Ahmedabad; acknowledges the support and assistance of following Government Departments and Agencies for providing us the information and details in the preparation of this DIPS Report of Banaskantha District.

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CHAPTER 1

DISTRICT AT A GLANCE

PHYSICAL AND GEOGRAPHICAL CONDITION:

Name of the district is presumably kept on the name of its river "Banas". Banaskantha district is the third largest district of Gujarat and is located in the North Eastern part of Gujarat State. The total area of the district is 10,743 sq.kms and geographically lies between 23.49 to 24.42 Northern latitudes and 71.03 to 73.02 Eastern longitudes. Palanpur city is the District Head Quarter for the State Government Administration. There are 12 Taluka in Banaskantha district namely Vav, Tharad, Dhanera, Dantiwada, Amirgadh, Danta, Vadgam, Palanpur, Deesa, Deodar, Bhabhar and Kankrej. There are total 12 talukahaving 12 towns and 1233 villages in the district. The economy of the district is mainly based on Agro & Food Processing, Textiles, Ceramics and Tourism. It ranks 1st in the production of vegetables by contributing approximately 17.67 of the total vegetable production in the State. It is the 3rd largest district in producing oil seeds in the State.

IMPORTANT STATISTICS OF BANASKANTHA DISTRICT

Description	Details	Gujarat State	B. K. District
Number of Villages	Total	18,225	817
	Inhabited	17,843	1233
	Uninhabited	382	2
Number of Towns	Statutory	195	6
	Census	153	6
	Total	348	12
Number of Households	Normal	1,22,48,428	5,59,243
	Institutional	18,175	458
Population Total	Persons	6,04,39,692	31,20,506
	Male	3,14,91,260	16,10,379
	Female	2,89,48,432	15,10,127
Rural	Persons	3,46,94,609	27,05,591
	Male	1,77,99,159	13,93,741
	Female	1,68,95,450	13,11,850
Urban	Persons	2,57,45,083	4,14,915
	Male	1,36,92,101	2,16,638
	Female	1,20,52,982	1,98,277

Description	Details	Gujarat State			B. K. District
Percentage Urban Population		42.60 %			13.30%
Decadal Growth Rate 2001-2011	Persons	Number	%	Number	%
	Persons	97,68,675	19.28	6,16,262	24.61
	Male	51,05,683	19.35	3,12,975	24.12
	Female	46,62,992	19.20	3,03,287	25.13
Area (in sq Km.)		1,96,244		10,743	
Density of Population (Persons per sq Km.)		308		290	
Sex Ratio (Number of females per 1000 males)	Total	919		938	
	Rural	949		941	
	Urban	880		915	
Literates		Number	%	Number	%
	Persons	4,10,93,358	78.03	17,04,923	65.32
	Male	2,34,74,873	85.75	10,48,402	78.15
	Female	1,76,18,485	69.68	6,56,521	51.75
Scheduled Castes	Persons	40,74,447	6.74	3,27,460	10.49
	Male	21,10,331	6.70	1,69,288	10.51
	Female	19,64,116	6.78	1,58,172	10.47
Scheduled Tribes	Persons	89,17,174	14.75	2,84,155	9.11
	Male	45,01,389	14.29	1,44,355	8.96
	Female	44,15,785	15.25	1,39,800	9.26
Workers % non – workers Total workers(Main & Marginal)	Persons	2,47,67,747	40.98	12,48,600	40.01
	Male	1,80,00,914	57.16	8,36,268	51.93
	Female	67,66,833	23.38	4,123,32	27.30
(i) Main Workers	Persons	2,03,65,374	33.70	10,12,080	32.43
	Male	1,65,67,695	52.61	7,79,716	48.42
	Female	37,97,679	13.12	2,37,364	15.39
(ii) Marginal Workers	Persons	44,02,373	7.28	2,36,520	7.58
	Male	14,33,219	4.55	56,552	3.51
	Female	29,69,154	10.26	1,79,968	11.92

Description	Details	Gujarat State		Banaskantha District	
Non-Workers	Persons	3,56,71,945	59.02	18,71,906	59.99
	Male	1,34,90,346	42.84	7,74,111	48.07
	Female	2,21,81,599	76.62	10,97,795	72.70
Category of Workers (Main & Marginal)	Persons	54,47,500	21.99	4,75,585	38.09
(i) Cultivators	Rural	42,44,449	23.58	3,88,550	46.46
	Urban	12,03,051	17.78	87,035	21.11
(ii) Agricultural Labourers	Persons	68,39,415	27.61	3,50,541	28.07
	Rural	36,49,591	20.27	1,91,300	22.88
	Urban	31,89,824	47.14	6,239	38.62
(iii) Workers in household industry	Persons	3,43,999	1.39	11,812	0.95
	Rural	2,10,561	1.17	7,758	0.93
	Urban	1,33,438	1.97	4,054	0.98
(iv) Other Workers	Persons	1,21,36,833	49.00	4,10,662	32.89
	Rural	98,96,313	54.98	2,48,660	29.73
	Urban	22,40,520	33.11	1,62,002	39.29

Source: Census 2011, Banaskantha District Census Hand Book.

Enterprises including (Manufacturing & Service Sector)	No. of Registered units	Total Investment Rs. In Lacs	Employment
Micro	1362	12947.64	13743
Small	288	46524.89	4490
Medium	3	2756.00	176
Total	1653	62228.53	18409

CHAPTER: 2

OBJECTIVES, SCOPE AND METHODOLOGY:

OBJECTIVES:

The main objective of the District Industrial Potential Survey Report (DIPS) is to find out the possibilities of establishing and developing new manufacturing units on the basis of local resources and demand in the district during the coming years. To full fill these objectives, correct estimates of available raw materials, natural resources, infrastructure, monetary assistance to the economic sector, industrial policies and programmes need significant importance. The problems of present SME sector have been discussed in the report so that the new comers can overcome it and succeed to achieve the targeted rate of growth. The report is techno-economic in nature rather than a mere statistical representation. It will be a focused guide and will be given due publicity to attract the entrepreneurs of the district.

SCOPE:

District Industries Potentiality Survey Report (DIPS) of Banaskantha district was prepared in the year 2012-13. This Report is prepared with a view to achieve comparatively higher industrial growth rate. It has focused over the problems of the industrial sector and courteous endeavours have been put forth to provide information of the Central as well as State governments industrial policies and programmes to overcome the problems and crises and achieve the targeted industrial growth rate in the coming years. The existing prosperities of the district has generated esteem and inherent risk taking capacity of the people on account of sound agricultural basis, the people migrated in other part of the country and in other countries like Africa, U.K. and U.S on account of trade and commerce they have earned huge foreign currency. This surplus money has created further huge scope for stimulating the industrial growth in the district.

METHODOLOGY:

District Industries Potentiality Survey Report (DIPS) is prepared by Assistant Director (Statistics) of MSME-Development Institute, Ahmedabad. Derivations and compilations included in this Report after extensive touring and data collected from various State Government Offices, Local Bodies, Financial Organizations, and other NGOs and Trade Organization Industrial Organizations situated in the district, by giving concurrent importance to the "Secondary" as well as "Primary" data and information about important variants like local markets, demand, agricultural and industrial operations and financial system etc.

CHAPTER 3

DISTRICT PROFILE

(i) Location:

Banaskantha district is the third largest district of Gujarat and is located in the North Eastern part of Gujarat State. The total area of the district is 10,743 sq.kms and geographically lies between 23.49 to 24.42 Northern latitudes and 71.03 to 73.02 Eastern longitudes. Palanpur city is the district head quarter for the State Government Administration.

(ii) Administration Structure:

Palanpur town is the district headquarters for the administration of the district. There are 12 Taluka in Banaskantha district namely Vav, Tharad, Dhanera, Dantiwada, Amirgadh, Danta, Vadgam, Palanpur, Deesa, Deodar, Bhabhar and Kankrej. There are total 12 taluka and 817 villages in the district. Total (243 Group & 574 Independent) Village Panchayats, 8 Municipal Corporations and 4 Nagar palikas are functioning as administrators.

(ii) Climate and Rainfall:

The district falls in ACRP-Zone XIII North Gujarat Sub Zone and North-West Sub Zone characterised by arid to semi-arid climate. Highest temperature remains maximum 45 degree centigrade in summer and lowest temperature comes down to 5 degree in winter season. Average Rainfall of Banaskantha district is 1550 mm during the monsoon season.

(iii) Type of land:

Type of land in Banaskantha district is mainly Sandy, Sandy loam and saline soil. Major area is rain fed, hence Farm Development on Watershed basis and Dry Land Farming assume importance for augmenting the agricultural production and productivity of different producers in the district. There is ample scope for land development in the district. The State Government has attended considerable interventions for watershed development in the district under different schemes.

Talukawise particulars of land is given as under: (in Hector)

Taluka	Forest	Barren & un-cultivable	Non-agriculture use	Cultivable	Perma-nant Grazing	Current Fallow	Net Area Sown	Multiple cropping	Average Cultivation
Amirgadh	37238	539	2030	185	2703	644	17560	5164	22714
Danta	50702	3545	2666	1820	1535	2935	22698	3704	26402
Deesa	393	2669	10899	1470	13212	3296	113729	88667	202396
Dhanera	382	1819	4840	924	5503	3480	67350	31948	99298
Deodar	0	816	1688	66	5110	1057	50568	31414	81982
Dantiwada	7032	473	4767	563	2543	467	25950	13746	39696
Kankrej	0	3985	3239	2346	4560	2480	65907	16468	82375
Palanpur	5491	2423	4555	1230	4768	1685	59079	29316	88395
Tharad	20	543	3895	1380	4768	2058	116990	33898	150888
Vadgam	1320	3197	3679	1222	4250	633	42041	21708	63749
Vav	8077	9360	8499	6211	7915	4193	126705	7490	134195
Bhabhar	0	1619	2282	160	2826	528	35510	5935	41445
TOTAL	110655	30988	52939	17577	65139	23456	744087	289458	1033545

(vi)Forest:

The district has a forest area of 1,10,655 hectores and it is mainly located in Danta, Amirgadh, Vav, Dantiwada, Palanpur and Vadgam talukas of the districts. The State Government through Forest Department Authority has undertaken various concrete steps relating to forestry and waste land development.

Particulars of forest area in various taluka of Banaskantha district up to 2013-14 is as given below:

Name of Taluka	Area (Hector)
Amirgadh	37238
Danta	50702
Deesa	393
Dhanera	382
Deodar	0
Dantiwada	7032
Kankrej	0
Palanpur	5491
Tharad	20
Vadgam	1320
Vav	8077
Bhabhar	0
TOTAL	110655

(vii) INCOME:

Predominant Economic activities in the district:

Agriculture and Allied activities such as Non-agriculture : Handloom, Ceramic, Marble and agro Processing enterprises are predominantly operating in the district.

Major Food, Commercial and Plantation/ Horticulture Crops:

Potato, Cotton, Jowar, Bajri, Pulses, Ground nut, Sesame, Castor, Mustard etc. are the major crops in agriculture and Pomegranate, Papaya, Citrus and Beer etc. are the major horticulture crops of the district.

Various Seeds, Pesticides and fertilisers are easily available in the district through different Traders, PACS and Agriculture Business centres of GAIC. The KVK of Deesa also carries out Extension activities including farmers Camps, FLDs, Block demonstrations, Crop Protection Measures, Use of Improved Implements, Water/Moisture Retention Measures, Soil testing, Farm Planning and Farm Trails etc. The S. D. Agriculture University, Dantiwada provides the R & D support to the farmers of the district. Spacious and good qualities of godowns are also available. Moreover, several Regulated Markets are operating in the district to facilitate the farmers for marketing of their agriculture produces within and outside the district.

NABARD also takes various initiatives and interventions in the areas like preparation of PLP, Farmer Club, SHGs, JLGs, Water shed, RIDF, Workshops for bankers and liaising Government Officials and provide tremendous platform by giving guidance and necessary directions to the Stake holders for the overall development of the district.

Profile for Major Commodity for the district:

The economy of the district is mainly based on Agro & Food Processing Industries, Tourism, Textiles and Mineral based industries. The Food processing industries have attracted 57 % of the total investment over the last two decades.

The district ranks first in Agricultural production by contributing 17.67 % of the total production of vegetable in the State.

It is the largest Potato producer in the State. Bajri, Maize, Tobacco, Castor Oil, Jowar, Pysyllium (Isabgul) are the other major crops. It is also leading Psyllium (Isabgul) producer in the Country. It is also third largest producer of Oil Seeds in the country after Junagadh and Jamnagar districts.

The district has rich Mineral reserves including Limestone, Marble, Granite, Building Stone and China Clay. It accounts for almost the entire Marble reserves (99 %) of Gujarat and contributes about 15 % of the total production of Limestone in the State.

The district is also covered under NREGP, National Agriculture Development Programme (NADP), National Horticulture mission, ATMA, National food Security Mission and Border Area Development Programme (BADP).

CHAPTER 4

PRINCIPAL RESOURCES

Social, economic and industrial growth of any district obviously depends upon the availability of abundant natural as well as skilled human resources. Classification of these resources can be done as under.

(A) Human Resources:

It seeks greater importance in achieving consistent and targeted growth rate in every sector of the economy. Hence, it is divided mainly in two parts namely skilled and unskilled.

Labour force is deemed to be a main key of economy. Availability of labour and high productivity can heavily contribute to the achievements of targeted growth. Labour force is spread over in nearly 38 sq.km area of the district. Available labour force is nearly 36.43% to the total human resources; of which 16.13% are engaged in agriculture and 22.07% in the industrial sector. According to Census main characteristics of availability of resources are as given in the table as below.

1. Population:

Description	No.
Population	Total : 31,20,506 person
	Male : 16,10,379 Person
	Female: 15,10,127 Person
Population density	290 persons per sq. km
Village Population	27,05,591 Person
Urbanised Population	4,14,915 Person
Population increase rate (Decadal)	24.61 %
Male- female ratio	1000:938
Scheduled Caste population	3,27,460 person
Scheduled Tribe population	2,87,937 person
Labour force population	12,48,600 person

2. Occupational Pattern of Population:

There are different patterns of available labour force which contributes in the progress of economy of the district. Nearly 36.43% of the total population is available labour force. According to different pattern of profession, available labour force is divided among the agricultural, industrial and other semi skilled labour.

It can be shown in the Table shown below.

Sr. No.	Description	Population
1.	Cultivators	4,75,585
2.	Agriculture labours	3,50,541
3.	Household enterprise labours	11,812
4.	Other labours	4,10,662
5.	Marginal Labours	2,36,520
6.	Total population in labours force	12,48,600
7.	Unproductive population	18,71,906
	Total population	31,20,506

(B) Material Resources:

Industrial growth can be maximized by making the rational usage of the available various resources like technical knowhow, finance, productivity etc. at the proper time and in ample quantity.

Agriculture:

The economy of the district predominantly agrarian. Bajra, Jowar, Castor, Mustard, Wheat, Pulses, Cumin, and Potato are the major crops of the district. The farmers are quite progressive and use latest Techniques and implements. The district leads in the production of potato and Castor in the State. Timely the hassle-free credit may be extended to the small and marginal farmers of the district to increase the agriculture production and enhancing the National Food Security Mission

Land Utilisation:

Description of land utilisation is given as below:-

Sr. No.	Type of land	Hector
1.	Forest Area	110655
2.	Barren land	30988
3.	Non agricultural use of land	52,939
4.	Grazing land	65,139
5.	Cultivable Waste	17,577
7.	Current Fallow land	23,456
8.	Net Area sown	8,86,525
9.	Multiple Cropping land	4,60,916
10.	Average Area under cultivation	13,47,441

(a) Cropping Pattern:

As a result of interventions by the district Agriculture Department, the Gross cropped area in the district has increased upto 11,52,006Ha, Net cropped area up to 7,42,00 Ha, Net irrigated area up to 4,6,200 Ha. The cropping intensity has been increased up to 155 %.

There is perceptible change in the cropping pattern in the district, due to Narmada canal the formers of Kankrej, Tharad and Deodar taluka have switched over the castor and cotton crops. The formers have adopted the profitable and incorporated the use of modern techniques and implements recommended for higher agriculture production and succeeded in controlling the white grub affecting the production of cotton as recommended by SDA University.

(b) Agricultural Production & Marketing:

DESCRIPTION OF VARIOUS CROPS IN THE DISTRICT DURING KHARIF SEASON

Sr. No	Name of Crop	2013-14			2014-15		
		Area Hecter	Production	Productivity	Area Hecter	Production	Productivity
1.	Rice (I)	NA	NA	NA	NA	NA	NA
2.	Wheat(I)	NA	NA	NA	NA	NA	NA
3.	Bajri	132393	935	123787455	44059	NA	NA
4.	Maize	8868	2266	20094888	8137	NA	NA
5.	Juwar	3430	601	2061430	6500	NA	NA
6.	Other Cereals	3535	NA	0	890	NA	NA
7.	Moong	19029	605	11512545	9142	NA	NA
8.	Math	2277	614	1398078	580	NA	NA
9.	Udad	1586	486	770796	803	NA	NA
10	Tuwar	1335	808	1078680	708	NA	NA
11	Other Pulses	3528	Na	0	1095	NA	NA
12	Castor	110513	2260	249759380	135166	NA	NA
13	Sesamum	10701	420	4494420	12033	NA	NA

Sr. No.	Name of Crop	2013-14			2014-15		
		Area Hecter	Production	Productivity	Area Hecter	Production	Productivity
1.	Wheat	NA	NA	NA	NA	NA	NA
2.	Other Cereals	NA	NA	NA	NA	NA	NA
3.	Gram	231	NA	0	15	NA	NA
4.	Mustard	170273	1643	279758539	122520	NA	NA
5.	Zeera	71394	587	41908278	68514	NA	NA
6.	Other Cereals	3116	1618	5041688	3975	NA	NA

Sr. No.	Name of Crop	2013-14			2014-15		
		Area Hecter	Production	Productivity	Area Hecter	Production	Productivity
1.	Rice	NA	NA	NA	NA	NA	NA
2.	Bajri	144788	2342	339093496	142497	NA	NA
3.	Ground Nut	5160	1920	9907200	6577	NA	NA

Source: Department of Agriculture, Palanpur.

(C) Infrastructure for the Sale of Agriculture Produces:

Irrigation:

There are no perennial rivers flowing through the district. Banas and Sipu are the two main rivers of Banaskantha district. Besides Branch Rivers Balaram and ajuni are also flowing through the district. Arjuni River flows from the Abaji hills known Saraswati iver at Moriya village of Vadgam taluka. Sipu River merges with Banas River at Bhadath village of Deesa taluka.

The major sources of irrigation are through Canal (65,585 Ha.), tanks (550 Ha.), Wells (3, 24,225 Ha.) and the area irrigated with Micro Irrigation Systems such as Drip & Sprinkler is 47506 Ha. There are four Major Irrigation projects in the district, viz. Dantivada dam over Banas river with command area of 26,000 Ha., Sipu dam over Sipu river with command area of 4,000 Ha., Narmada Canal with command area of 1, 67,000 Ha., Sujalam_Suflam Canal with command area of 563.370 Ha., and Hadmatiya project with command area of 792 Ha., and balaram project with command area of 550 Ha. Projects are operating in Banasantha District.

(d) Horticulture:

Good production of spices, fruits and vegetables is taken in horticulture during the year in the district. Mangoes, banana, chiku, and kharek are the main crops in fruit. Besides, onion, potato and guwar are maincropsin the vegetables. Besides, guwar, papdi, parwalpatal etc. are produced at satisfactory level in the district. Hara dhanias, garlic, chili and turmeric are produced in satisfactory quantity in the district under head spices.

Production of various fruits in the district during the last two years is as under: (Production in M.T.)

Source: Office of the Dy. Director, Horticulture, Palanpur.

Production of Vegetables is as under :(Production in M.T.)

Sr. No.	Name	Hector	Production (MT)	Productivity
1.	Mango	547	3003	5.50
2.	Chiku	410	4100	10.00
3.	Citrus	1520	20212	13.30
4.	Ber	173	1898	10.97
5.	Banana	28	1120	40.00
6.	Guvava	56	421	7.52
7.	Pomegranate	2119	16952	8.00
8.	Datepalm	141	680	4.82
9.	Papaya	597	34059	57.05
10.	Custurd apple	75	555	7.40
11.	Aonla	616	6652	10.80
12.	Coconut	11	82	7.46
13	Cashewnut	2	3	1.50

Source: Office of the Dy. Director, Horticulture, Palanpur.

Production of vegetables is as under: (Production in M.T.):

		Hector	Production	Productivity
1.	Potato	33500	1072000	32.00
2.	Onion	0	0	0
3.	Brinjal	5899	126239	21.40
4.	Cabbage	3685	62645	17.00
5.	Okra	4459	63273	14.19
6.	Tomato	5770	204835	35.50
7.	Cauliflower	4652	92110	19.80
8.	Cluster bean	5787	66551	11.50
9.	Cowpea	4312	46354	10.75
10	Cucurbit	2666	42234	15.84
11.	Okra	820	10496	12.80
12.	Other vegetables	71550	1786736	24.97

Production of Spices is as under: (Production in M.T.):

		Hector	Production	Productivity
1.	Cumin	71400	69972	0.98
2.	Fennel	3100	6789	2.19
3.	Chilli	4714	8485	1.80
4.	Coriander	129	161	1.25
5.	Ginger	32	147	4.60
6.	Turmeric	4	37	9.25
7.	Fenugreek	546	1146	2.10
8.	Isubgul	2600	4290	1.65
9.	Ajwain	77	65	0.84
10.	Suva	200	160	0.80

Source: Office of the Dy. Director, Horticulture, Palanpur.

Production of Flowers is as under: (Production in M.T.):

		Hector	Production	Productivity
1.	Rose	47	404	8.60
2.	Marigold	233	1981	8.50
3.	Mogra	3	24	8.00

Source: Office of the Dy. Director, Horticulture, Palanpur.

Live Stock Resources:

Future development and growth of livestock are highly associated with the scope of availability of fodder from cultivable land, forest, pastures and grazing lands. Traditionally, cattle grazed on the pastures and gauchar (grazing) lands and supported by feeding crop residues or straw of jowar, bajra, wheat, maize, paddy etc. either in the form of straw or a bhusa supplemented with some green fodder. The economic viability of livestock husbandry heavily depends on sources of feed and fodder as feeding cost account for about 65 to 70 percent of the total cost of livestock farming. The feed given to cattle comprises of dry fodder, green fodder and concentrates. The adequate supply of nutritive fodder and feed is a crucial factor impacting the productivity and performance of the animals. Currently, scarcity of feed/fodder resources is an important to put more emphasis on fodder development programme for argument fodder/feed supply, While formulation of livestock development strategy.

Description of livestock in the district is as given below:

Sr. No.	Type of Live stock	Total Animal
1.	Cow	4,73,513
2.	Buffalo	7,97,009
3.	Ship	1,91,691
4.	Goat	3,34,874
5.	Camel & Tattu	5,233
6.	Poultry	1,81,485
7.	Horse	6,079
8.	Pig	8,539
9.	Donkey	6,145

Source: Livestock Census, 2012.

Dairy Development:

For exploiting fully the production potential of our livestock, balanced and adequate feeding aspects are most crucial. Without balanced feeding, it is difficult to economise the cost of livestock production and to keep animals in good health. As discussed above, India suffers from severe shortage of feeds and fodder. Due to fast industrialisation and increasing human population, land available for gauchar, permanent pasture and fodder growing has been decreasing. In addition, shift from forage crops to cash/commercial crops like cotton, cumin rapeseed and mustard, castor, fruits etc. also lead to shortage of feed and fodder. Further, on account of diversified use of agricultural residues, the gap between the demand and supply of fodder has widened further.

Therefore, serious and intensive efforts are needed by all concerns for augmenting of fodder resources and to fill up deficiency gap. Up till now government and qualitative development of feeds/fodder. In recent years, state & central government and cooperative dairy organisations realised that without mitigation of acute shortage of fodder and feed resources, expansion and development of livestock sector seems to be uneconomical and not advisable. Therefore, to mitigate this problem, in the recent past, central and state government implemented several programmes of fodder development. Of these, major programme on fodder crops, Establishment of Fodder Banks, Assistance to States for Fodder Development and Enrichment of Straw and Cellulosic Wastes etc.

Fisheries:

Since predominant agriculture economy, low literacy rate and lack of rationalised use of available resources the economic growth rate of the district seems very low in comparison of other districts of Gujarat, However, there are three large reservoirs namely Dantiwada, Sipu and Mukteshwara and total 40 lakes are located in different talukas of the district. Among the total 40 lakes 20 lakes are perennial and having brisk opportunities for the development of Inland Water Fisheries. But, due to pilgrimages on the river bank most of the people feels hurt religiously and some lake lies under the control of Conservator of Forest being area are some affects the Inland Water Fisheries.

Particulars of Fisheries during 2013-14 are as given below:

Description	No.
Centers	5
Total Population of fishermen	3399
Male	831
Female	733
Childrens	1835
Active Marine Fishermen	0
No. Of Active Inland Water Fishermen	1177
No. of Fishermen's Primary Co-op. Societies	10
No. of Members in the Co-op. Societies	1067
Paid up Share Capital of Co-op. Societies	(Rs.) 21,462

Particulars of Coastline Fisheries as given below:

Name of Instrument/Boat	No.
Gillnetter	900
Non Mechanised Boats	173
TOTAL	1073

O\o the Superintendent, Fisheries, GoG, Palanpur

Mineral Resources:

Banaskantha district has rich mineral reserves including Limestone, Marble, Granite, Building Stone and China Clay. The Marble stone reserves accounts for nearly 99.3 % alone of the total reserves of the Gujarat State. Dantataluka of the district is famous for its high quality Marble production in the State. While, it contributes 15 % of Limestone production of the total production in Gujarat. The ceramic industries manufacturing the products as mentioned below:

Industrial Scenario of Ambaji and Surrounding Areas

MARBLE:

The marble deposits found at Banaskantha district are associated with the rocks of Ajabgarh series of Delhi system. The strata graphic position of the marble is here tabulated below:

Age	Formation	Rock type
Recent		Aluminium
Post Delhi		Erinpura Granite Malani series
Delhi System	Ajabgarh series	Phyllite, Limestone, Marble, Calc-gneiss, Calc-schist, Tremolite, Talc, Biolite
	Alwar Series	Quartzite
Aravalli system		Mica schist and composite gneisses

Statistics of the various Major Minerals available in the district is as under:

Sr.No.	Type of Minerals	2013-14		2014-15	
		Production (MT)	Royalty (Rs. In 000)	Production (MT)	Royalty (Rs.In000)
	Major Minerals				
1.	Lignite	0	0	0	0
2.	Limestone	0	0	0	0
3.	Silica Sand	0	0	0	0
	Minor Minerals				
1.	Marble	618269	51319309	729095	64373090
2.	Black Stone	1363051	40966541	1343626	40308815
3.	Red Stone	171831	5154960	211724	6351733
4.	Granite	73783	2958995	15831	2745005
5.	Common Sand	7731918	92783031	7546429	90557149
6.	Common Clay	345512	4146138	256800	3081600
7.	Soft Murram	58165	794000	29666	356000
8.	Quartzite	42710	854220	12100	242000
9.	Brick Clay	57515	610000	238950	885000
10.	Hard Murram	0	0	53400	1068000

Source: O\o the Asstt. Geologist and Mining, Palanpur

CHAPTER 5

BASIC INFRASTRUCTURE FACILITIES:

Providing basic infrastructure facilities by the State Government and local authorities is a pre-requisite for speedy economic growth of the district. Such facilities are extensive transportation infrastructure, better communication network, better Post & Telegraph services, broader banking and financial system, higher educational system and good health services etc. Moreover, easy and cost effective availability of raw materials in huge quantity, technically sound and skilled man power, hefty distribution system for the sale of finished goods and services, heavy machinery, constant electricity power and fuel arrangement are significant factors for achieving high industrial growth. So, these facilities are mainly divided into two parts.

A. Physical Infrastructure Facilities, and, B. Social Infrastructure Facilities.

(A) PHYSICAL INFRASTRUCTURE FACILITIES:

At present, basic infrastructure facilities are available in ample quantity in the district, which be very helpful for further the economic growth of Surat district. Available basic infrastructure facilities can be described as below:

(1) Availability of land for establishing various industries :

Availability of vacant plot of land in ample quantity should be easily available to the entrepreneurs. There should be balanced economic growth of the agricultural as well as industrial sectors in the district. There is 38,803 hector of non-agriculture and 10,167 hector barren land is available for establishing new industries in Banaskantha district.

Taluka wise particulars of land is given as under:- (in Hector) (2009-10)

Taluka	Type & Usage of land	
	Barren land	Non agriculture use
Amirgadh	539	2,030
Danta	3,545	2,666
Deesa	2,669	10,899
Dhanera	1,819	4,840
Deodar	816	1,688
Dantiwada	473	4,767
Kankrej	3,985	3,239
Palanpur	2,423	4,555
Tharad	543	3,895
Vadgam	3,197	3,679
Vav	9,360	8,499
Bhabhar	1,619	2,282
TOTAL	30,988	52,939

Gujarat Industrial Development Corporation (GIDC):

Chandisar GIDC of Palanpur taluka is the main centre of industrialisation in Banaskantha district. GIDC helps new as well as existing entrepreneurs for procuring industrial plots and getting other infrastructural and financial assistance from the various banks and institutions. At present, GIDC has established industrial estates. Thus, role of the GIDC seeks greater significant in developing balanced industrial growth in the district.

Industrial Estates situated in various taluka of Banaskantha district of Banduring 2015-16 is as described below:

Sl. No.	Indl. Area	Total Area (Hector)	No. of Units	Vacant Shed	Rate of Vacant Shed
1.	Palanpur	07.58.22	100	0	
2.	Chandisar	80.74.37	370	0	
3.	Deesa	13.51.65	88	0	
4.	Shihori	01.63.13	17	of RIDC	80 lacs+Shed cost will be calculated at the allotment time. Applications received and under process.
5.	Deodar	17.63.64	158	0	
6.	Ambaji	06.53.60	33	0	

Source: Regional Manager, GIDC, Mehsana.

Advantage of setting up an enterprise in GIDC Estate:

- GIDC sets up an estate after assessing the industrial viability of the location
- There are 186 functional estates at strategic locations
- GIDC land is classified as non-agricultural, thus eliminating the need for NA/NOC permission and need for verification of titles
- Titles of GIDC land / building are free from encumbrances and are marketable
- GIDC offers on shelf availability of industrial land with quality infrastructure
- GIDC follows a simple and transparent allotment procedure
- GIDC offers reasonable allotment price with soft repayment options
- The price of land / building fixed by GIDC is acceptable by financial institutions for loan approvals
- GIDC provides social and commercial infrastructure like Housing, Schools, Banks, Post Office, Dispensaries etc in major estates
- GIDC's chemical estates have the requisite clearance from Gujarat Pollution Control Board
- The chemical estates are equipped with environment management infrastructure
- GIDC also provides sites / land for solid waste disposal and for CETPs at concessional rate
- Major GIDC estates have been declared as Notified Areas
- GIDC has promoted sector specific estates for IT, BT, electronics, apparels, chemicals, engineering, brass parts etc.
- GIDC has developed SEZs for Apparels, Chemicals and Petrochemicals, Electronics, IT, BT, Handicrafts etc.
- GIDC estates facilitate cluster benefits related to raw material, market, technology, common services, linkages etc. Any up gradation programme of an estate provides direct advantage to all industries located therein.

2. Water Facility for the Industrial Units:

Water facility is the prime factor for constant manufacturing of finished industrial goods as well as agricultural produces for final consumption and for drinking facilities. There no perennial rivers flowing through the district. Banas and Arjuni are flowing through the district. Banas and Sipu are the two main rivers of Banaskantha district. Besides, Branch River Balaram and Arjuni are following through the district. Arjuni River flows from the Ambaji hills known Saraswati River at Moriya village of Vadgam taluka. Sipu River merges with Banas River at Bhadath village of Deesa taluka. Narmada canal with command area 53,370 Ha., and Hadmatiya Project with command area of 792 Ha., and Balaram Project with command area of 550 Ha. are operating in Banaskantha district.

BRANCH Canal	Length (Km)	District	Starting Point	Ending Point
Radhanpur	24	Patan, Banaskantha	Changa	Memdavad
Kutch	360	Banaskantha, Patan, Kutch	Salimgadh	Modkuva
Vejpur	24	Banaskantha	Dhunsol	Rudi
Malsanand	15.78	Banaskantha	Khanpur	Khimanavas
Gadsisa	22.33	Banaskantha	Naroli	Ankoli
Dhima	14.68	Banaskantha	Vami	Devda
Madka	19.05	Banaskantha	Del	

3. Electricity Facility:

Banaskantha district has a well developed network of Sub Stations and Power Stations in the district to cater electricity need for the industrial and residential use. There are 220 KV sub stations in the different taluka of the district. One 132 KV Sub Station is situated in Deesa.

Description of power stations situated in various taluka is as given below:

Sl. No.	Name of Sub Station	Taluka	Power Transform	No.	Total Capacity in MVA
1	220 KvPalanpur	Palanpur	220/66	2 (2 of 100 MVA)	200
2	66KvPalanpur-1	Palanpur	66/11	3 (2 of 10 MVA)	30
3	66KvGadh	Palanpur	66/11	3 (2 of 15 MVA & 1 of (10 MVA)	40
4	66KvChandisar	Palanpur	66/11	2 (2 of 15 MVA)	30
5	66 KvBasu	Palanpur	66/11	3 (25 MVA, 10 MVA & 15 MVA)	40
6	66 KvKanodar	Palanpur	66/11	2 (2 of 10 MVA)	20
7	66 KvPalanpur-2	Palanpur	66/11	2 (2 of 10 MVA)	20
8	66 KvMalan	Palanpur	66/11	2 (2 of 10 MVA)	20
9	66KvLalavada	Palanpur	66/11	2 (2 of 10 MVA)	20
10	66 KvVadgam	Palanpur	66/11	3 (2 of 10 MVA & 1 of 15 MVA)	35
11	66 KvJalotra	Palanpur	66/11	2 (2 of 15 MVA)	30
12	66 KvDanta	Danta	66/11	2 (2 of 10 MVA)	20
13	66 KvAmbaji	Danta	66/11	2 (2 of 10 MVA)	20
14	66 KvPanchada	Vadgam	66/11	2 (2 of 10 MVA)	20
15	66 KvAmirgadh	Amirgadh	66/11	1 (1 of 10 MVA)	10

Sl. No.	Name of Sub Station	Taluka	Power Transform	No.	Total Capacity in MVA
16	66 KvIqbalgadh	Amirgadh	66/11	2 (2 of 10 MVA)	20
17	66 KvDantiwada	Dantiwada	66/11	2 (1 of 15 MVA & 1 of 10 MVA)	25
18	66 KvJegol	Dantiwada	66/11	2 (2 of 10 MVA)	20
19	66 KvHebatpur	Palapur	66/11	2 (2 of 10 MVA)	20
20	66 KvVirampur	Palanpur	66/11	1 (1 of 10 MVA)	10
21	66 KvBhutedi	Palanpur	66/11	2 (2 of 10 MVA)	20
22	66 KvGangva	Danta	66/11	1 (1 of 10 MVA)	10
23	66 KvGadalwada	Palanpur	66/11	1 (1 of 10 MVA)	10
24	66 KvVasan	Palanpur	66/11	2 (2 of 10 MVA)	20
25	66 KvMoriya	Palanpur	66/11	1 (1 of 10 MVA)	10
26	66 KvBhyala	Danta	66/11	2 (2 of 0.5 MVA)	10
27	66 KvBhakhar	Dantiwada	66/11	2 (2 of 15 MVA)	30
28	220 KvAgathala	Lakhni	220/66	2 (2 of 100 MVA)	200
29	132 KvDeesa	Deesa	132/66	2 (1 of 50 MVA & 1 of 40 MVA)	90
			66/11	2 (2 of 20 MVA)	40
30	66 KvSamau	Deesa	66/11	2 (2 of 15 MVA & 1 of 10 MVA)	40
31	66 KvManekpura	Deesa	66/11	3 (3 of 15 MVA)	45
32	66 KvRanpur	Deesa	66/11	2 (1 of 10 MVA & 1 of 15 MVA)	25
33	66 KvSamdhi	Palanpur	66/11	2 (1 of 10 MVA & 1 of 15 MVA)	25
34	66 KvShamsherpura	Deesa	66/11	3 (2 of 15 MVA)	45
35	66 KvMotaKapara	Deesa	66/11	3 (2 of 15 MVA & 1 of 10 MVA)	40
36	66 KvLorwada	Deesa	66/11	3 (2 of 10 MVA & 1 of 15 MVA)	35
37	66 KvBhildi	Deesa	66/11	3 (2 of 15 MVA & 1 of 10 MVA)	40
38	66 KvDevsari	Deesa	66/11	2 (1 of 10 MVA & 1 of 15 MVA)	25
39	66Kv Shergadh	Deesa	66/11	2 (2 of 15 MVA)	30
40	66 KvBaiwada	Deesa	66/11	3 (2 of 10 MVA & 1 of 15 MVA)	35
41	66 KvVithodar	Deesa	66/11	2 (2 of 10 MVA)	20
42	66 KvAgathala	Deesa	66/11	3 (3 of 10 MVA)	30
43	66 KvDama	Deesa	66/11	2 (2 of 10 MVA)	20
44	66 KvBalodhar	Deesa	66/11	2 (2 of 10 MVA)	20
45	66 KvPechdal	Deesa	66/11	2 (2 of 10 MVA)	20
46	66 KvAseda	Deesa	66/11	2 (2 of 10 MVA)	20
47	66 KvRasana	Deesa	66/11	2 (2 of 10 MVA)	20
48	66 KvSoni	Deesa	66/11	1 (1 of 15 MVA)	15
49	66 KvSadarpur	Deesa	66/11	1 (1 of 15 MVA)	15

Sl. No.	Name of Sub Station	Taluka	Power Transform	No.	Total Capacity in MVA
50	66 KvJunaDeesa	Deesa	66/11	1 (1 of 15 MVA)	15
51	220 KvThavar	Dhanera	220/66	2 (2 of 100 MVA & 1 of 50 MVA)	250
			66/11	2 (1 of 10 MVA & 1 of 15 MVA)	25
52	66 KvDhanera	Dhanera	66/11	3 (2 of 10 MVA & 1 of 15 MVA)	35
53	66 KvDharnodhar	Dhanera	66/11	2 (1 of 10 MVA & 1 of 15 MVA)	25
54	66 KvJadiya	Dhanera	66/11	3 (2 of 10 MVA & 1 of 15 MVA)	35
55	66 KvLawara	Dhanera	66/11	2 (2 of 15 MVA)	30
56	66 KvJadiyali	Deesa	66/11	2 (1 of 10 MVA & 1 of 15 MVA)	25
57	66 Kv Rah	Tharad	66/11	2 (2 of 15 MVA)	30
58	66 KvAsodar	Tharad	66/11	2 (2 of 15 MVA)	30
59	66 KvKatoda (D)	Deesa	66/11	2 (1 of 10 MVA & 1 of 15 MVA)	25
60	66 KvDuva	Tharad	66/11	2 (2 of 10 MVA)	20
61	66 KvZerada	Deesa	66/11	3 (3 of 15 MVA)	45
62	66 KvKhimat	Dhanera	66/11	2 (2 of 15 MVA)	30
63	66 KvNanameda	Deesa	66/11	2 (2 of 15 MVA)	30
64	66 KvPathanwada	Dhanera	66/11	3 (3 of 15 MVA)	30
65	66 KvVaktapura	Dhanera	66/11	2 (2 of 10 MVA)	20
66	66 KvRamun	Dhanera	66/11	2 (1 of 10 MVA & 1 of 15 MVA)	25
67	66 KvVoda	Dhanera	66/11	2 (2 of 10 MVA)	20
68	66 KvSherpura	Dhanera	66/11	2 (2 of 10 MVA)	20
69	66 KvTaruva	Dhanera	66/11	1 (1 of 10 MVA)	10
70	66 KvMalotra	Dhanera	66/11	2 (2 of 10 MVA)	20
71	66 KvChekra	Deesa	66/11	2 (2 of 10 MVA)	20
72	66 KvLuvana	Tharad	66/11	2 (2 of 10 MVA)	20
73	66 KvNandla	Dhanera	66/11	1 (1 of 15 MVA)	15
74	66 KvNanuda	Dhanera	66/11	1 (1 of 15 MVA)	15
75	66 KvNagfana	Deesa	66/11	1 (1 of 15 MVA)	15
76	66 KvKuvarla	Dhanera	66/11	1 (1 of 15 MVA)	15
77	66 KvShiya	Dhanera	66/11	1 (1 of 15 MVA)	15
78	220Kv Deodar	Dhanera	220/66	3 (3 of 100 MVA)	300
79	66 Kv Deodar	Dhanera	66/11	3 (2 of 15 MVA & 1 of 10 MVA)	40
80	66 KvRaiya	Deodar	66/11	3 (2 of 10 MVA & 1 of 15 MVA)	35
81	66 KvKhoda	Deodar	66/11	3 (2 of 10 MVA & 1 of 15 MVA)	35
82	66 KvKhimana	Kankrej	66/11	2 (2 of 10 MVA)	20

Executive Engineer (TR), GETCO, Palanpur.

The list of Taluka wise villages getting electricity form Gujarat Vidhyut Board is as under:

Sr. No.	Name of Taluka	Total Villages	Electrified Villages
1.	Vav	120	119
2.	Tharad	134	134
3.	Dhanera	77	77
4.	Dantiwada	57	57
5.	Amirgadh	69	69
6.	Danta	183	3
7.	Vadgam	110	110
8.	Palanpur	117	116
9.	Deesa	149	149
10.	Deodar	71	71
11.	Kankrej	101	101
12.	Bhabhar	51	51

Exe. Engineer, UGVCL, Palanpur.

4. Gas

Gujarat Gas & Petronet Ltd. has identified 67.46 km long Gas & grid in Banaskantha district. The identified route will connect two sections namely Palanpur to Jaipur (Rajasthan) of 44.86 km and Palanpur to Mehsana district of 21.17 km. There are eight pipeline sections in the district. Mora-Sajod section is the longest segment with 36.22 kms length. The existing gas grid in the district is 113.85 kms long and the proposed length of the gas grid is 19.5 kms. The proposed gas grid will cover three sections i.e. ONGC-Olpad and Olpad- Utran power plants.

5. Telecommunication Facility:

Telecommunication facility also seeks greater significance in the process of industrialisation and economic growth of any district as a modernized equipped infrastructure.

Taluka wise available infrastructure in the district is as under:

Sr. No	Taluka	Name of Exchange	Capacity	Total Connections	Waiting List	% of Utilisation
1	SHR	AGANWADA	168	15	0	9
2	DTB	AMBAJI	2000	850	0	43
3	SDOTPNP	AMIRGADH	1000	229	0	23
4	RDP	ARJANSAR	160	12	0	8
5	SDOTDES	ASEDA	512	52	0	10
6	SDOTPNP	BADARGADH	488	56	0	11
7	DED	BHABHAR	2424	572	0	24
8	DTB	BHACHADIYA	192	30	0	16
9	THD	BHACHAR	152	25	0	16
10	SDOTDES	BHADATH	256	28	0	11
11	THD	BHALASARA	184	13	0	7
12	WAV	BHARADAVA	152	16	0	11
13	DNR	BHATRAM	336	32	0	10
14	SDOTPNP	BHAVISANA	1000	138	0	14
15	DTB	BHEMAL	544	108	0	20
16	SDOTDES	BHILDI	1024	296	0	29

Sr. No	Taluka	Name of Exchange	Capacity	Total Connections	Waiting List	% of Utilisation
17	RDP	BHILOT	304	14	0	5
18	THD	BHORAL	304	19	0	6
19	THD	BHORDU	304	49	0	16
20	SDOTPNP	BHUTEDI	1000	68	0	7
21	WAV	BIYOK	152	26	0	17
22	WAV	BUKANA	152	9	0	6
23	SHR	BUKOLI	264	30	0	11
24	SDOTPNP	CHADOTAR	1000	146	0	15
25	DED	CHAMANPUR A	488	24	0	5
26	SDOTPNP	CHANDISAR	1500	327	0	22
27	VDG	CHAGWADA	400	84	0	21
28	VDG	CHHAPI	2104	781	0	37
29	DED	CHHIBHADA	304	36	0	12
30	SDOTPNP	CHITRASANI	1000	148	0	15
31	DNR	DUDHVA	304	24	0	8
32	STLP	DAHISAR	168	13	0	8
33	SDOTPNP	DALWADA	368	37	0	10
34	DTB	DANTA	1700	370	0	22
35	SDOTPNP	DANTIWADA	2000	543	0	27
36	SDOPDES	DEESA	8000	4404	0	55
37	DED	DEODAR	2000	521	0	26
38	RDP	DEV	304	16	0	5
39	DED	DEVKAPADI	304	13	0	4
40	WAV	DHANANA	152	11	0	7
41	SDOTPNP	DHANDHA	1000	72	0	7
42	DNR	DHANERA	3500	867	0	25
43	WAV	DHIMA	336	33	0	10
44	THD	DODGAM	304	17	0	6
45	SHR	DUNGARASA N	336	13	0	4
46	THD	DUWA	304	57	0	19
47	WAV	ETA	152	17	0	11
48	SDOTPNP	GADH	1400	343	0	25
49	DED	GANGOL	512	32	0	6
50	SDOTDES	GHANA	256	29	0	11
51	SDOTPNP	GODH	304	10	0	3
52	SDOTPNP	GOLA	488	101	0	21
53	DTB	GORAD	152	46	0	30
54	DNR	GUNDARI	336	46	0	14
55	DTB	HADAD	480	127	0	26
56	VDG	HASANPUR	1000	143	0	14

Sr. No	Taluka	Name of Exchange	Capacity	Total Connections	Waiting List	% of Utilisation
57	SDOTPNP	IQBALGADH	1000	233	0	23
58	DNR	JADIA	1000	54	0	5
59	SDOTPNP	JAGANA	488	185	0	38
60	DED	JALODHA	488	33	0	7
61	VDG	JALOTRA	1000	165	0	17
62	SDOTPNP	JEGOL	472	47	0	10
63	WAV	JELANA	152	14	0	9
64	THD	JETDA	512	47	0	9
65	DTB	JITPUR	160	27	0	17
66	DNR	JORAPURA	152	27	0	18
67	VDG	JUNISEDHANI	480	80	0	17
68	VDG	KABIRPURA	480	43	0	9
69	RDP	KAMALPURA	304	0	0	0
70	SHR	KAMBOI	336	36	0	11
71	SDOTPNP	KANODAR	2000	466	0	23
72	SHR	KASARA	152	2	0	1
73	SDOTDES	KATARWA	256	29	0	11
74	SDOTPNP	KHARA	152	5	0	3
75	SHR	KHIMANA	480	76	0	16
76	DNR	KHIMAT	360	44	0	12
77	THD	KHODA	304	43	0	14
78	STLP	KORDA	152	0	0	0
79	DED	KOTARWADA	320	18	0	6
80	SDOTDES	KOTDA	512	38	0	7
81	SDOTDES	KUNCHAWADA	256	44	0	17
82	DED	KUWALA	496	52	0	10
83	DNR	KUWARLA	304	62	0	20
84	SDOTDES	LAKHANI	1024	154	0	15
85	DED	LAVANA(D)	2000	106	0	5
86	THD	LAVANA(K)	512	32	0	6
87	THD	MADAL	512	101	0	20
88	WAV	MADKA	304	26	0	9
89	SDOTPNP	MALAN	1000	155	0	16
90	SDOTPNP	MALANA	368	30	0	8
91	DTB	MANDALI	312	62	0	20
92	DTB	MANKDI	264	32	0	12
93	WAV	MAVASARI	152	26	0	17
94	VDG	META	1000	186	0	19
95	VDG	MORIYA	2000	82	0	4
96	WAV	MORWADA	152	14	0	9
97	DTB	MOTASADA	312	67	0	21
98	SDOTPNP	MOTIBHAKHAR	368	10	0	3
99	DNR	MOTIDUGDOL	160	15	0	9

Sr. No	Taluka	Name of Exchange	Capacity	Total Connections	Waiting List	% of Utilisation
100	THD	MOTIPAWAD	312	32	0	10
101	VDG	NADOTRA	456	37	0	8
102	DNR	NANA MEDA	304	35	0	12
103	SDOTDES	NANI	256	37	0	14
104	THD	NAROLI	256	19	0	7
105	SHR	NATHPURA	304	25	0	8
106	DNR	NENAVA	312	20	0	6
107	DED	PALDI	968	75	0	8
108	VDG	PANCHADA	1000	93	0	9
109	DNR	PANTHAWADA	1000	198	0	20
110	SDOTDES	PECHHDAL	256	54	0	21
111	SDOTDES	PEPALU	2000	33	0	2
112	VDG	PILUCHA	1384	137	0	10
113	THD	PILUDA	304	24	0	8
114	RDP	RADHANPUR	3256	740	0	23
115	THD	RAH	480	57	0	12
116	DED	RAIYA	568	29	0	5
117	SDOTDES	RAMPURA	512	71	0	14
118	SDOTDES	RAMSAN	512	135	0	26
119	SHR	RANER	208	25	0	12
120	THD	RANESARI	152	27	0	18
121	SDOTDES	RANPUR	256	75	0	29
122	SDOTDES	RASANA	512	103	0	20
123	SDOPPNP	RTO EXCH	1000	109	0	11
124	DED	RONI	152	28	0	18
125	VDG	RUPAL	464	149	0	32
126	RDP	SABDALPUR	152	0	0	0
127	SDOTDES	SAMAUMOTA	512	46	0	9
128	SDOTPNP	SAMDHI	304	21	0	7
129	STLP	SANTALPUR	536	56	0	10
130	WAV	SANWAL	160	32	0	20
131	SDOTPNP	SAROTRA	184	14	0	8
132	SDOTPNP	SASAM	296	31	0	10
133	SDOTPNP	SEJALPURA	1000	84	0	8
134	SHR	SHIHORI	1464	151	0	10
135	DED	SONI	512	59	0	12
136	WAV	SUIGAM	304	87	0	29
137	SDOTPNP	SUNDHA	272	31	0	11
138	DED	SUTHARNESH DI	304	6	0	2
139	WAV	TADAV	304	20	0	7
140	SDOTPNP	TAKARWADA	1272	144	0	11

Sr. No	Taluka	Name of Exchange	Capacity	Total Connections	Waiting List	% of Utilisation
141	SDOTDES	TALEGADH	256	38	0	15
142	SHR	TERWADA	288	20	0	7
143	SHR	THARA	2000	470	0	24
144	THD	THARAD	2000	485	0	24
145	SHR	TOTANA	192	18	0	9
146	DED	UJJANWADA	304	3	0	1
147	SHR	UN	336	44	0	13
148	SDOTDES	VADAVAL	256	33	0	13
149	VDG	VADGAM	1800	403	0	22
150	DNR	VALER	360	43	0	12
151	STLP	VARAHI	1128	141	0	13
152	SDOTDES	VASADA	256	46	0	18
153	SDOTDES	VASANA	256	57	0	22
154	SDOTPNP	VIRAMPUR	368	72	0	20
155	SDOTDES	VIRUNA	256	25	0	10
156	WAV	WAV	744	275	0	37
157	SDOTDES	YAVARPURA	512	130	0	25
158	SHR	ZALMOR	512	45	0	9
159	STLP	ZAZAM	152	0	0	0
160	STLP	ZEKDA	184	0	0	0
161	SDOTDES	ZERDA	512	143	0	28

5. Rail:

Banaskantha is well connected to Mumbai-Ahmedabad-Delhi through Broad Gauge railway line with major railway station at Palanpur, the district head quarter. Other cities like Dees, deodar, Dhanera and Bhabhar are also well connected with District Headquarter via railway line spread over in the district

7. Road Infrastructure:

Bansakantha district is well connected with seven districts of Gujarat through State Highway. Palanpur and Deesataluka are well connected with National Capital New Delhi and Jaipur through National Highway No. 14 and National Highway No. 8. It is well connected with major industrial centers, NH 8 connects Banaskantha with New Delhi (821 km), Mumbai (733 km), Kolkata (1,932 km), Hyderabad (1,250 km), Chennai (1,797 km), Bhavnagar (346 km), Surat (424 km), Jamnagar (459 km), Valsad (491km), Ankleshwar (341 km) Ahmedabad (217 km) and Vadodara (277 km).

Government of India plans to develop a Dedicated Freight Corridor (DFC) linking Delhi, Mumbai, Kolkata and Chennai. The proposed DFC passes through six states in India, of which, Gujarat accounts for 38 % (564 km) of total DFC length (1483 km). The influenced area of 150 km on either sides of DFC is being developed as "Delhi Mumbai Industrial Corridor" (DMIC).

Almost 62 % of the total area of Gujarat (18 out of 26 districts) would be benefited by the DMIC development. The State Government has identified 82 links in the DMIC influenced area to upgrade them into two/four lane carriageway offering connectivity between ports, industrial estates, Hinterlands, markets and points of agriculture produces.

Category of road under R & B Circle, No. 2 Ahmedabad\ R & B Division, Palanpur is as given below:

Sr. No.	Category of road	Surface Road			Unsurface/Earth onoad			
		Length (in km)	WBM	Total	Motorable	Non Motrorable	Total	Grand Total
1.	National Highways	292	0	292	0	0	0	292
2.	State Highways	841	5	846	0	27	27	873
3.	District main roads	379	0	379	0	0	0	379
4.	Other roads in the district	353	0	353	0	0	0	353
5.	VR State	2	0	2	0	0	0	2
6.	VR RRP	299	0	299	0	0	0	299
7.	VR RRP Non Plan	261	0	261	0	0	0	261
8.	Village Roads	2506	0	2506		0	0	2506
	TOTAL	4932	5	4937	0	27	27	4964

Source: Road & Building Department, Palanpur.

District wise Description of various types of road is as given below:

Sr. No.	Taluka	Under PWD Dept. (Length in km)			Under Panchayats (Length in km)		
		Pacca	Kaccha	Total	Pucca	Kaccha	Total
1	Vav	343	0	343	354	78	432
2	Tharad	264	0	264	333	57	390
3	Dhanera	93	0	93	246	9	255
4	Dantivada	176	0	176	134	0	134
5	Amirgadh	91	27	118	171	37	208
6	Danta	243	0	243	209	51	260
7	Vadgam	175	0	175	274	0	274
8	Palanpur	188	0	188	421	3	424
9	Deesa	184	0	184	542	38	58
10	Deodar	170	0	170	278	8	286
11	Bhabar	74	0	74	154	34	188
12	kankrej	170	0	170	301	59	359
	Total	2171	27	2198	3417	374	3791

Source: PWD Office, Palanpur.

Types of road In Municipal Corporation/Nagar Palika are as given below:

Sr. No.	Taluka	(Length in km)		
		Pacca	Kaccha	Total
1	Palanpur	45	29	74
2	Deesa	99	25	124
3	Tharad	2	3	5
4	Dhanera	43	0	43
5	Thara	16	10	26
	Total	205	67	272

Source: Chief Officer, Palika.

8. Road Transport:

State Government Transport Corporation operates buses throughout the district. Moreover, private vehicles like jeep, rickshaws, tractor trolleys, cars, trucks, and motor cycles run over these roads in the district. There are nearly 464758 vehicles registered in RTO of the District. More over motor cycles, scooters, cars, trucks, tractors, trolley, rickshaws etc vehicles are used in large numbers.

No. of various types of vehicles registered in RTO as under:

Sr. No.	Type of Vehicle	No. of Vehicles
1	GOODS VEHICALE	
(i)	Trucks/Lorries	4944
(ii)	Tanker	371
(iii)	Three Wheelers	
(iv)	Other L. V. Goods Vehicles	4625
2.	MOTOR VEHICLE	
(i)	Stage Carriage	70
(ii)	Contract Carriage	
(iii)	Maxi Cab	959
(iv)	School Bus	50
(v)	Private Service Vehicle	4
(vi)	Police Van	20
3.	Ambulance	10
4.	Private Motor Car (including Station Wagon)	19481
5.	Taxi	511
6.	Jeep	6185
7.	Auto rickshaw (PSV)	9117
8.	Motor cycle/Scooter	161139
9.	Tractors	32411
10.	Trailer	11449
11.	Mopeds	3617
12.	Tempo	2050
13.	Other Vehicles	757
14.	TOTAL	257770

Source: RTO, Palanpur.

9. Airport Infrastructure:

There is Air strip in Palanpurtaluka of the district. The nearest airport is SV Patel Airport of Ahmedabad having National and International Terminals. The Sardar Vallabhbhai Patel airport of Ahmedabad district is envisaged to offer direct air connectivity with the important destinations in India and abroad. This is expected to boost the commercial activities in the city as well as in the district, leading to an upsurge in the demand in hospitality sector, which is primarily driven by corporate tourism.

10. SeaPort:

There is no Sea port in the district, but, Dholera port is the nearest port to the district. It is also connected with Kandla Port of Kutch district via NH 15.

(B) SOCIAL INFRASTRUCTURE FACILITIES:

1. Entrepreneurship:

In view of industrial growth, Banaskantha district considered as a backward district in Gujarat State. The District industries centre operating under govt. of Gujarat, Industries & Mines dept. O/o the industries Commissioner has identified certain potential industries in the district. These are Mineral based industries, Engineering, Diamond, Dairy, Forestry, Pharmaceuticals, Plastic, Textile, Cement, Food, Service and Repair etc. The Forest resources based industries include Wood seasoning & Planning, Gum collection and processing, Bamboo work, making leaf plates and cups, Paper pulp etc. The skill based industries include diamond Cutting & Polishing, Jari work, Art Silk, Batik & Ajrak Print, handloom Weaving, embroidery etc.

There are 7 clusters of MSMEs having focused on Textiles (Spinning & Weaving of Cotton textiles), Diamond and Ceramic (Processed Stone & marble). Out of these industrial clusters 3 clusters are located in Palanpur taluka 2 in Vadgam and one each in Danta and Deesa taluka. The textile clusters located in Palanpur and Vadgam taluka together consists of 397 enterprises manufacturing processed Diamond and processed Stone & Marbles are located in Palanpur and Deesa. 48 enterprises having turnover of about 2.74 Million USD are opening in Danta taluka of Ceramic cluster in the district.

2. Marketing Potential:

Modern marketing and Storage facilities can help the farmers to protect their inputs like fertilisers, pesticides and seeds etc. and help them to receive remunerative prices of their agricultural produces. The modern godown facilities also help them to protect their produces from becoming damage due to water, crop disease and weather changes. Regulated market System help the farmers for standardizing the prices, prevention of exploitation of farmers and create fair marketing conditions to realise better price through open action.

The Government of India has formulated a back ended capital investment subsidy scheme for construction/modernisation/expansion of cold storage with an objective of reducing poor harvest loses by controlled modified atmosphere storage system. Moreover, GoI also extends capital investment subsidy scheme "Integrated Scheme for Agricultural Marketing" for construction/modernisation/expansion of Rural Godowns for storage of farm producers intended to benefit the small farmers who find it difficult to retain their produce in good intact marketable condition till it reach to the market.

The total agriculture produces was expected to be about 937713 MT in the year 2013-14 which need to be protected by storing at APMC, Private Godowns as well as Govt. Warehouse. As on 31st March 2014, the total capacity of dry storage infrastructure was about 7.57.355 MT. Thus, there is still ample scope for construction of storage infrastructure facilities in the district.

3. Educational and Technical skills Infrastructure:

The no. of Education and Technical Skills Training Institutions are as given below:

Sr. No.	Type of Institutions	Number
1	Primary Schools	2315
2	Secondary Schools	415
3	Higher Secondary Schools	176
4	Engineering Colleges	1
5	Arts, Commerce, Science, B.Ed & Law Colleges	7
8	Polytechnics	1
9	ITIs	11

Government Degree Engineering College:

Sr. No.	Name of Engineering College		
1.	Government Degree Engineering College, Jagna (V), Ahmedabad Palanpur Highway, Palanpur (T), 85001. Palanpur – 385001. TEL.: (02742)262115 FAX: (02742)245219 Email: gec_palampur@live, info@gecpalanpur.edu.in	Civil Engineering	60
		Mechanical Engineering	60
		Electrical Engineering	60
		Mining	60
TOTAL			240

List of Polytechnic

Sr. No.	Name of Polytechnic		
1.	Government Polytechnic Opp. Malan Gate, Ambaji Road, Palanpur – 385001. TEL.: (02742)262115 FAX: (02742)245219	Civil Engineering	60
		Mechanical Engineering	120
		Electrical Engineering	60
		Electronics & Communication Engineering	60
		Instrumentation & Control	60
TOTAL			360

3.1 Industrial Training Institutes

There are 7 Govt. ITIs, 1 Grant in Aid and 3 self-finance ITIs in the district. The Name and addresses of the same is given in Table 3.3 to Table 3.6.

List of ITIs in Banaskantha District

Sr. No.	Name of ITIs
1	Industrial Training Institute Nr.SonariaBungalow, Banas Dairy Rd, Palanpur
2	Industrial Training Institute OppArihantMarble,Danta Rd, Kumbharia,
3	Industrial Training Institute At PO Bhoyan,Tal Deesa
4	Industrial Training Institute Govt. Rest House Bldg., Ameergadh
5	Industrial Training Institute MarwadiAjna Patel Boarding, Khoda Highway,Tharad
6	Industrial Training Institute Vadgam,
7	Industrial Training Institute Vav,

List of Grant-in-Aid ITIs

Sr. No.	Name of ITIs
1	LaxmichandJhaveriNutan Bharti Industrial Training Centre AT PO Madanagadh

List of ITIs for Blind & Handicapped Persons

Sr. No.	Name of ITIs
1	NIL

List of Self-finance ITIs

Sr. No.	Name of ITIs
1	Vikas Foundation, Vikas Technical Institute Saraswati Complex, Ist Floor, O\p Old Gunj, Palanpur
2	Shree Saraswati Trust, Satyam Computers, Plot -29, Ambika Nagar Society-2, Tharad
3	Surjan Foundation, Marg Centre, Centre for Learning Life Skill, Kunia Rd, BK Trivedi Marbles P Ltd, National Highway, Ameergadh

ITI Course of Ambaji

Sr. No	No. of Courses
1	Computer operator-cum programming Assistant
2	Mechanic Motor Vehicle
3	Fitter
4	Wireman
5	Armature Motor Rewinding

Need for ITI Extension Centre

It can be observed from the industrial profile of the district that there is concentrated growth of mineral base mining and marble stone related industries in Ambaji. It has been learnt that there is need for industry specific manpower training in the centres like Ambaji due to marble mining and its related stone craft industries.

Selection of ITI Extension Centre

General

- i) GIDC Estate
- ii) Stone Artisan Park

Stone Artisan Park

- Ambaji GIDC estate is situated at Ambaji - Ahmedabad Road. There are around 40 units in the estate. Most of the units are mineral based.
- Around 90 to 100 units of marble cutting, polishing and stonecraft spread in Danta, Abu Road and Khedbramha Road.
- Around 5000 workers are employed by these units
- There are numbers of marble mines and its related marble cutting polishing and stone craft industries in and around Ambaji.
- Ambaji and surrounding area is famous for marble cutting, polishing and stone craft work
- Ambaji is known for Marble stone artisan small temple work, building decorative tiles, carving stone, jails, thambliis, statues, gift items, dining tables, chairs, sofas, garden fountains, and kitchen items
- Major activity (stone craft) of the area
- In Ambaji Commissioner, Geology and Mining Department, Govt. of Gujarat, Gandhinagar is setting up Stone Artisan Park for the benefit of local stone artisans.
- Land, Building, Plant & Machinery and other infrastructures is available in the park
- All technical and other support of Commissioner, Geology and Mining Department, Govt. of Gujarat, Gandhinagar and local leading industry
- Local GIDC estate Association is keen to have such centre in the park and willing to give full support to provide technical and plant training.
- Saving of setting up cost.
- Due to this, it is ideal location for centre

General Reason for Selection of Centres

- 1) It is well developed town
- 2) Major industrial clusters of stone craft/Mineral based units.
- 3) Commissioner Geology and Mining, Govt. of Gujarat, Gandhinagar is setting Training Centre in Stone Artisan Park where all infrastructure facilities like machinery, land and building, class-rooms facilities will be available.
- 4) Due to stone cluster need of cluster based short term training programmes.
- 5) Centre location is well connected with rail, road, transportation, communications and other facilities.
- 6) As associations are actively involve in setting up stone artisan park for the benefit and upliftment of stone artisans of Ambaji and surrounding areas.
- 7) Leading stone artisan units are willing to provide technical training support.
- 8) Due to starting of Stone Artisan Park around 30 new units will start production in the park, which will provide employment of around 750 workers.
- 9) Further industrial growth of ancillary industry due to stone artisan park.
- 10) Skill shortage of teaching staff in ITI.
- 11) Local association and leading units will provide support of technical and plant visit.
- 12) Ambaji centre fulfilled training need of surrounding areas. It covered around 15 KM radius.
- 13) Surrounding tribal artisan will be benefited.
- 14) Literacy ratio is lower.

Selection of Short-term Training Programmes

As per the discussions with GIDC, Head of ITI, Associations and leading units of Ambaji following short-term courses are suggested based on need of cluster and other sector of units.

- A) **Industries Specific type Courses** such as Stone Articles, Stone Craving, God-Goddess Sculpture work , Lathe Work, Grinding work, Stone Cutting, Gang Saw Operator, Crane Operator, Polishing Machine Operator, Blaster(Mining), Short-Term Safety Courses and JCB Operator training courses can be introduced in the district.
- B) **General Industries Courses** such Motor Rewinding, Tally Accountancy, Computer Operator and MS Office Training courses should also be introduced in the district.

No. of educated and unemployed youth registered with the Employment Exchange of the district at Palanpur is as under:

Sr. No.	Standard passed	Male	Female	Total
1	SSC	27,514	3,521	31,035
2	HSC	12,948	3,448	16,396
3	B.Sci.	382	166	548
4	B.Com	602	182	784
5	B.A.	3,128	1,107	4,235
6	B.E.	0	0	0
7	Diploma Holders	1,034	88	1,122
8	Artisans(Tech), ITI etc.	2,017	613	2,630
9	Others	2,415	346	2,761
	TOTAL	50,040	9,471	59,511

Working of employment exchange is as given below

Sr. No.	Year	Registration during the year	No. of Regn. in Employment during the year	No. of Live Register at the end of the year	No. of vacancies notified during the year
1	2010-11	12508	5500	35033	6252
2	2011-12	13318	7324	32920	8580
3	2012-13	10611	3936	28295	4479
4	2013-14	11971	5583	25966	5860
5	2014-15	11351	6698	24369	7417
	TOTAL	59759	29041	146583	32588

Source: Employment officer (Gen), Palanpur.

GROWTH CENTERS:

Growth Centres which helps the administrative and Non-administrative agencies to establish and fasten the industrialization in the district are as under:

(1) MSME-DEVELOPMENT INSTITUTE-AHMEDABAD:

MSME-Development Institute, formerly known as SISDI established by GOI, M/o MSME is an organ of the Office of the Development Commissioner, (MSME), New Delhi, in the state of Gujarat. The office of DC (MSME), known as MSME-DO is an apex body & is the nodal agency for formulating, coordinating, monitoring the Policies and Programmes for promotion and development of Micro, Small & Medium Enterprises in the country. The MSME-DI, Ahmedabad provides wide range of Extension Services to the Micro & Small Scale Sector in the state of Gujarat through main Institute at Ahmedabad and two Branch Institutes located at Rajkot & Silvassa.

MSMED ACT 2006:

Vide Gazette notification issued on 2nd Oct.,2006 by GOI, Min. of SSI & Min. of ARI, were merged together and Ministry of MSME was formed.

Package for Promotion of MSMEs declared:

- Credit
- Cluster Based Development
- Technology & Quality Up-gradation Support
- Marketing Support
- Entrepreneurial & Managerial Development
- Empowerment of Women Owned Enterprises
- Strengthening Capability of Associations

Need for more attention

- To Weaker section (SC,ST,PH,WOMEN, MINORITIES & NORTH EASTERN REGION)

Manufacturing Enterprise	Service Enterprise
Micro: Investment in Plant & Machinery up to Rs.25 lakh	Micro: Investment in Plant & Machinery up to Rs.10 lakh.
Small Scale: Investment in Plant & Machinery, more than Rs.25 lakh but not exceeding Rs.5 Crore.	Small Scale: Investment in Plant & Machinery, more than Rs.10 lakh, but not exceeding Rs.2 Crore.
Medium Scale: Investment in Plant & Machinery, more than Rs.5 Crore but not exceeding to Rs.10 Crore.	Medium Scale: Investment in Plant & Machinery, more than Rs.2Crore, but not exceeding Rs.5 Crore.

CREDIT GUARANTEE FUND SCHEME FOR MICRO & SMALL ENTERPRISES (CGTMSE):

The Credit Guarantee Fund Trust for Micro & Small Enterprise shall cover credit facilities extended, by eligible lending Institution(s) in respect of a single eligible borrower not exceeding Rs. 1 Crore, by way of term loan and /or working capital facilities on or after entering into an agreement with the Trust, to the small scale industrial units including information technology and software industries, without any collateral security and/or third party guarantee. The guarantee cover available under the scheme is to the extent of 75 per cent of the sanctioned amount of the credit facility. The extent of guarantee cover is 80 per cent for (i) micro enterprises for loans up to Rs.5 lakh; (ii) MSEs operated and/or owned by women; and (iii) all loans in the North-East Region.

The fee payable to the Trust under the scheme is one-time guarantee fee of 1.5% and annual service fee of 0.75% on the credit facilities sanctioned. For loans up to Rs.5 lakh, the one-time guarantee fee and annual service fee is 1% and 0.5% respectively. Further, for loans in the North-East Region, the one-time guarantee fee is only 0.75%.

CREDIT LINKED CAPITAL SUBSIDY SCHEME FOR TECHNOLOGY UPGRADATION OF THE SMALL SCALE INDUSTRIES (CLCSS):

The Scheme aims to facilitate technology up-gradation of MICRO & SSI units in the specified products/ sub-sectors by providing 15% capital subsidy on loan up to Rs. 100 lacs for induction of proven technologies approved under the scheme.

Type of Units to be covered under the Scheme:

Existing Micro & SSI units registered with State Directorate of Industry which upgrade with the State-of-the-Art-Technology with or without expansion.

New Micro & SSI units which are registered with State Directorate of Industry and which have set up their facilities only with the appropriate eligible and proven technology duly approved by the GTAB (Governing & Technology Approved Board)

QUALITY UPGRADATION IN SMALL SCALE SECTOR THROUGH INCENTIVE FOR ISO-9000/14000 / HACCP CERTIFICATION:

The scheme provides reimbursement of 75% of eligible expenditure made for acquiring ISO-9000/14000 /HACCP Certification up to Rs. 75,000/- to each Micro & SSI unit.

PURCHASE & PRICE PREFERENCE POLICY:

This is administered through Registration Scheme of NSIC. Facilities include tender free of cost, exemption from earnest money & security deposits and preference in Central Government.

Participation in International Trade Fair: SUBSIDY TOWARDS:

- @50% space rent.(100% to women & SC/ST Entrepreneur)
- @75%air fair by economy class. (100% to women & SC/ST Entrepreneur)
- Total subsidy on air fair & space rent restricted to Rs1.25Lakh.
- Any unit can avail once in a year.
- Only one person of the participating unit would be eligible for subsidy on air fare.

SCHEME OF REGISTRATION FOR BAR-CODING

Financial assistance will be given to Micro & SSI's for adoption of international numbering standards used in Bar Coding/E commerce applications. Financial assistance under the Scheme will be limited to 75% of the registration fee and 75% of the annual fee for first three years of registration.

Scheme for Marketing Assistance & Technology Up-gradation in MSMEs:

- Marketing Assistance and Technology Up-gradation Programme is a strategic initiative for adoption of Modern Marketing techniques by MSMEs consistent with the requirement of global market. It involves eight sub components for which Government of India (GOI) funding assistance will be available.

■ **Major activities under the Scheme:**

1. Technology Up-gradation in Packaging.
2. Skill Up-gradation/ Development for modern marketing techniques.
3. Competition studies.
4. Special component for North Eastern Region
5. New markets through State/District level local exhibitions/Trade fairs.
6. Corporate Governance practices.
7. Marketing Hubs.
8. Reimbursement to ISO 18000/22000/27000 certification.

SCHEME OF BUSINESS INCUBATION CENTER:

- Incubation of **new ideas**.
- **Rs.4 lakh** and **Rs. 8 Lakh** to BI pre idea/unit nurtured.
- Total **10 new ideas or units to nurture**.
- In addition, each BI may get **Rs.6 lakh** for up gradation of infrastructure, orientation / training & administrative expenses.
- Total assistance per BI is **Rs. 66.5 Lakh**

NATIONAL AWARDS:

(i) National Awards to Small Scale Entrepreneurs

Objective: These awards are given to small scale entrepreneurs for encouraging and motivating them to set up small scale units to modernise their existing industries with a view to upgrading the quality of their products, enhancing the productivity, increasing their share both in domestic/ export markets, innovating new technology/design and bringing in technological improvement.

(ii) National Awards for Quality Products:

Objective:

- (a) To encourage small scale industries to produce quality products conforming to national and international standards.
- (b) To propagate a culture of quality consciousness amongst a vast section of small scale manufacturing units and
- (c) To strengthen a sense of confidence in small industry products with the domestic consumers and to enhance the image of Indian Products in export market.

(iii) National Awards for Research and Development:

National Awards of Research and Development efforts in Small scale Sector have been introduced. The award is to be given to promote the concept of in-house research and development efforts as well as spirit of innovation by the small scale entrepreneur.

- Three awards, first, second and third carrying cash prize of Rs.1,00,000/-, 75,000/-, 50,000/- respectively besides Certificate and trophy are being given under this Scheme.

CATEGORY FOR NOMINATION IN NATIONAL AWARD SCHEME:

1. **Best Efforts in Entrepreneurship (Manufacturing)**
2. **Best Efforts in Entrepreneurship (Service)**
3. **Innovations**
4. **Lean Manufacturing Techniques**

Scheme of International Cooperation:

The scheme covers the following activities:

- Participation by Indian SSI/SE in **exhibitions, fairs& buyer-seller meet** in India, in which there is **international participation**.
- Deputation of SSI/SE **business delegations** to other countries for exploring new areas of **technology infusion/ upgradation, facilitating joint venture, improving market of SSI/SE products, foreign collaborations, etc.**
- Holding **international conferences and seminars** on topics and themes of interest of the SSI/SEs.

Eligible Organisation:

State/Central Government organisation Industry/Enterprise Association, and Registered Societies/Trust associated with the SSI/SE.

Quantum of Assistance:

International Events: Rs.25Lacs per events.

Domestic Events: Rs. 12 Lacs per events.

Scheme for Capacity Building, Strengthening of Database & Advocacy by Industry/Enterprise Association:

Under the scheme, National/Regional/State/Local Level Industry Associations which are registered for at least 3 years and having a regular charter, list of member and audited account, etc; would be eligible for financial assistance.

Financial assistance for Secretarial & Advisory/ extension services, maximum of Rs 5 lakh.

Association will be required to provide the regular manpower and office space at their own cost & also to bear equivalent/ matching contribution towards cost of modernisation of their facilities, equipment and training of their personnel.

MICRO & SMALL ENTERPRISE CLUSTER DEVELOPMENT PROGRAMME:

- To support the sustainability and growth of MSEs by addressing common issues such as improvement of technology, skills and quality, market access, access to capital, etc.
- To build capacity of MSEs for common supportive action through formation of self help groups, consortia, up gradation of associations, etc.
- To create/upgrade infrastructural facilities in the new/existing industrial areas/ clusters of MSEs.
- To set up common facility centre (for testing, training centre, raw material depot, effluent treatment, complementing production processes, etc).

Lean Manufacturing Competitiveness Scheme:

OBJECTIVES:

- To increase the competitiveness of the MSME sector through the adoption of L M Techniques with objective of :
 - Reducing waste
 - Increasing productivity
 - Introducing innovative practices for improving overall competitiveness
 - Inculcating good management system
 - Imbibing a culture of continuous improvement
- MSMEs will be assisted in reducing their manufacturing cost , through implementation of LM techniques, like 5S System, Standard Operating Procedure, Just in Time, KANBAN System, Cellular Layout, Value Stream Mapping, Poka Yoke or Mistaking Proofing, Single Minute Exchange of Die or Quick Changeover, Total Productive Maintenance, Kaizen Blitz or Rapid Improvement Process.
- LM techniques will be implemented in selected cluster by engaging the services of LM Consultant.
A maximum of 80% of the project cost for each cluster will be borne by Government

NATIONAL MANUFACTURING COMPETIVENESS PROGRAMME:

1. Marketing Support/Assistance to MSMEs (Bar Code)
2. Support for Entrepreneurial & Managerial Development of SMEs through Incubation.
3. Enabling Manufacturing Sector to be competitive through QMS/QTT.
4. Building Awareness on Intellectual Property Rights (IPR)
5. Lean Manufacturing Scheme for MSMEs
6. Design Clinic Scheme for Design Expertise to MSMEs
7. Marketing Assistance & Technology Up-gradation Scheme in MSMEs
8. Technology & Quality Up-gradation to MSMEs
9. Promotion of ICT in Indian Manufacturing Sector.

Indo German Tool Room Ahmedabad:

It is a tool room and training Centre engaged in production of tools of precision plastic & metal component and also engaged in area of Training in tool and die making, CAD/CAM & CNC Technology. The time has now come to evolve and implement new strategies, to exploit the hidden potential in human resource and future entrepreneurs in making for the development of the society, in this context INDO GERMAN TOOL ROOM offers a wide range of services especially to small scale industries.

"Indo German Tool Room, Ahmedabad India: A government Of India Non-profit autonomous society is an institute in Tool and Die making and modern production technology.

It has established as most reliable source for **SME's** for their tooling requirements. Besides tool room activities, society permits use of its resources to industries like precision machining, quality control and **CAD-CAM-CAE-RPT** services. The tool room is also a source for day one Productive and trained manpower at entry level in tool and die making and **CAD-CAM-CAE and CNC technology.**

Gujarat State Finance Corporation (GSFC):

- Incorporated on 1st May, 1961. Its main object is to provide financial assistance to small and medium scale new/existing industrial and service sector units all over Gujarat for acquisition of fixed assets, preliminary and pre-operative expenses, expansion, modernization, diversification etc.
- GSFC has played an important role in the industrial development of the state. Till date, it has financed 47,331 units and disbursed Rs. 3,300 Crore, generating employment for over 6,00,000 persons. Many units financed by it are now well established and have also graduated from small to medium and large scale.
- Since the last few years, Corporation is passing through financially difficult times. Due to very heavy NPA and as commercial banks are now performing similar activity has stopped advancing fresh loans since October 2001.
- Currently, it is engaged in the activity of recovering dues from its borrowers and paying its lenders.
- One Time Settlement schemes have been introduced to expedite recovery.
- Cost cutting exercise has been implemented to reduce manpower by deputing staff to various Government departments and by implementing VRS.
- Government has formed a high-powered committee under Chief Secretary to decide on the future of GSFC. Committee has decided to offer VRS to employees, have OTS scheme and restructure the organization

(2) Quality State Export Corporation:

GSEC Limited, which was formerly known as Gujarat State Export Corporation Limited, a Public Limited Company, primarily engaged in the activities of Export & Import facilities and trading business is a merchant exporter and Custodian of Cargo Complexes at Ahmedabad and Indore. At Vishakhapatnam, it operates the Air Cargo Complex under an operation and Maintenance with Andhra Pradesh Trade Promotion Corporation Limited (APTPC).

Since the time of acquisition of the Company under the disinvestment proposal from the Government of Gujarat in 2004, lot has gone into redefining its operation. GSEC Limited was the first Private Company to take over the Air Cargo Complex as a Custodian. The infrastructure, Speed of Processing, Delivery, Security, Computerized Systems, State of the Art facilities, Service Orientation and Value Addition to the clients, businesses, today has made it an impeccable choice of many Corporate & Custom House Agents to patronize its services.

Apart from Cargo Handling, the Company also exports Dyes & Intermediates. The Company has also been awarded with Exclusive Dealership for the Furnace Oil & Bitumen by M/s Essar Oil Limited for the State of Gujarat and Rajasthan. The Company imports and sells Bitumen, used for Road Construction and has created Port based Storage Infrastructure on own/lease routes. The Company has recently added PETCOKE and Air Turbine Fuel (ATF) to its Products Portfolio. GSEC Limited has become a well diversified Company and is exploring many different Projects and business through its subsidiaries.

The Company has three subsidiaries:

1. GSEC Logistics Limited:

The Company incorporated in 2010 is developing an Inland Container Depot at Ratlam in Madhya Pradesh, after being awarded the Prestigious License by the Government of India for establishing an ICD. The Company is expected to start the Project in near future as some necessary approvals from some Departmental Authorities of the Government are pending. This Project will be of a great help for the growth of the Coal and National Businesses and will also provide the competitive advantage to the Company.

2. GSEC Green Energy Private Limited:

The Company operates Tyre-pyrosolysis Plant at Ratlam in Madhya Pradesh. It is based on the Scientific and Environmental Protection by using waste tyres as a raw material and producing fuel, Carbon Black, Steel & Gas as byproducts. The Products are a cheaper alternative to other fuels like Furnace oil. This way, over and above generating revenue and income, it also helps saving environment to a great extent. The Plant is currently running at a full capacity.

3. Komoline Aerospace Limited:

Komoline Aerospace Limited is a Technology-intensive Company established in 1990. Its business range mainly comprises Aerospace, Satellite-enabled instrumentation and Hydro-Meteorology. The ISO 9001:2008 Certified Company is committed to its business through State-of-the-Art Microelectronics Technology and very wide range of Projects. Komoline is a growing entity and has an esteemed clientele that includes the likes of Indian Space Research Organization (ISRO), Nuclear Power Corporation(NPC), Naval Science & Technology & Laboratory (DRDO), Centre for Advanced Computing, Physical Research Laboratory (PRL), Tata Institute of Fundamental Research, Gujarat Water Resources Institute, Agriculture Insurance Company of India Limited, Wipro Energy Limited, Larsen &Tubro Limited, 3M India, Lanco Solar Power Limited, Adani Ports & SEZ Limited and many Universities in India.

Along with the subsidiaries, GSEC Limited is heading towards becoming the leading Logistics Services Provider and a successful well diversified Company in the coming years.

(3) Gujarat State Industrial Development Corporation(GIDC):

With a view to fasten the industrialization in the State and to provide all type assistance and guidance to the new entrepreneurs and the existing one, GIDC is established by the Government of Gujarat. It helps the entrepreneurs in procuring industry base sheds, formation of industrial plots, provide basic infrastructural necessary facilities to the various industries viz.-a-viz. roads, electricity, drainage, telephone lines, canteen, shopping centres, fire safety services etc.

ALLOTMENT OF THE PROPERTIES:

- Allotment of Properties
- Circular
- Policy Circulars for Allotment
- Application procedure for Allotment

PROJECT WORK:

SPECIAL INVESTMENT REGIONS:

The Government of Gujarat enacted the SIR act in 2009 with the objective of creating large size Investment Regions and Industrial Areas in the State of Gujarat and develops them as global hubs of economic activity supported by world class Infrastructure. Gujarat is the only state in the country to enact such an Art. GIDC is setting up 11 Special Investment Regions in Gujarat catalyzing unprecedented economic growth in the state.

- it enables the State Government to establish, develop, operate and regulate SIRS
- The Government is empowered to declare an Investment Regions or an Industrial Area
- An SIR has a minimum area of 100 sq. km. (10,000 hectare). An Industrial Area has a minimum area of 50 sq. km. (5,000 hectare)
- A 4 tier administrative mechanism set up for establishment, operations, regulations and management of SIRs / IAs.

(4) National Small Industries Corporation (NSIC):

Schemes & Services:

- Marketing Assistance
- Bank Credit Facilitation
- Performance & Credit Ratings
- Raw Material Assistance
- Single Point Registration
- Infomediary Services
- Marketing Intelligence
- Bill Discounting
- Infrastructure

(5) Gujarat Industrial & Technical Consultancy Organisation (GITCO):

Gujarat Industrial & Technical Consultancy Organisation (GITCO) is established in 1987 with collaboration of seven nationalized banks along with BIICGS, FCBSIC, GMDC and GSIC corporations established by the State Government.

The main objective of this organization is to provide satisfactory, timely and economical advice and financing to the small and medium scale industries and thus contribute in the economic growth of the State as a whole.

Services Offered by GITCO:

- Project Opportunity Identification Service
- Techno-economic Feasibility Reports
- Project Appraisal Service
- Environment Management Services
- Comprehensive Market Surveys
- Loan Syndication
- Valuation of Assets & Stock Audit
- Bid Management
- Project Monitoring
- Diagnostic Reports
- Environment Consultancy Services
- Technology Evaluation Studies
- Infrastructure Development Projects
- Training Programmes / Seminars
- Organisation Development and Management Consultancy
- Patent Assistance
- Third Party Inspection

(6) Industries & Mines Department, Govt. Of Gujarat:

The Industries Commissionerate functions under the Industries & Mines Department of Government of Gujarat and implements industrial Policies of the state and central Governments.

The Industries Commissioner is head of the Industries Commissionerate in Gujarat.

The prime responsibility of IC office is to observe and proactively act as a catalyst in industrial development and bringing about industrial reforms. Also actively works towards removal of hindrances in the Industrial development of Gujarat. As part of industrial promotions, the office offers various incentive schemes and subsidies to the entrepreneurs for development and upgradation of manufacturing facilities. In case of natural calamities, the office offers various benefits and packages to the industries. Special focus is given for the development of MSME. Small Scale Industries (SSI). As also for ensuring the smooth implementation of all projects and paying special emphasis in employment Generation by promoting sectors such as Gems & jewellery, Textile & apparel and salt.

The office has introduced an innovative system of single Window Clearance to simplify the administrative procedures for establishment of industries in Gujarat. This has greatly benefited and motivated the entrepreneurs to invest in the state. Investment facilitation mechanism has been introduced with iNDEXTb as nodal agency.

Govt.of Gujarat has been making continuous efforts to make the state attractive for investment through upgrading infrastructure and facilitating investors. Vibrant Gujarat Global Investor's Summit organized in 2003, 2005, 2007, 2009 attracted investment proposals of Rs.18,72,437 Crores and 2011 have generated investor's Confidence in the state which resulted into inking 8380 MOUs and getting investment proposals of over Rs.20.83 lakh Crores. Till March 2012 the State has received acknowledgement of 10537 Industrial Entrepreneurs Memorandum, with an estimated investment of Rs.1033314 Crores which works out to 11.86 percent of total investment in the country.

The office of the Industries Commissioner continues to play pivotal role in the industrial development of Gujarat & improving the delivery system. As Gujarat continues to cross new frontiers the Industries Commissionerate has Increasing responsibility to listen, understand and respond diligently to help become vibrant and robust economy.

The Industries Commissionerate has undertaken a multitude of promotional efforts to accelerate the state's Industrial progress. Proactively contributing to an array of events held both nationally and globally, substantial assistance has been provided to organizations such as CII, FICCI and others. Furthermore, to attract talent from across India, round table conference and road shows were organised by iNDEXTb in New Delhi, Mumbai, Kolkatta and Chennai among other cities.

(6) The New Industrial Policy 2015- Govt. Of Gujarat:

VISION

'Gujarat' as globally competitive and innovative industrial destination, that stimulates the sustainable development & promotes inclusive growth. Given the inherent strengths of the state, its strong positioning on a national and international platform, and by its constant emphasis on promoting excellence, Gujarat comes forward with a dual vision.

By making Gujarat as an attractive "Total Business Destination" expedite the overall country's economic growth, thereby increasing the standard of living and prosperity among the people of Gujarat by giving them the opportunity for skilled employment and availability of nurtured enterprises.

MISSION

- To create employment opportunities for both skilled and unskilled workforce
- To become a Global hub for manufacturing
- To promote Ease of Doing Business to create business friendly environment
- To provide pro- active support to micro, small and medium enterprises
- To promote the spirit of innovation and incentivize entrepreneurship among youth by providing specific sector skills and seed capital
- Ensure effective implementation of the policies

The salient features of the strategy, Being an industrialised state, Gujarat needs to have a strategy which can support industrialisation through higher value addition. Accordingly, the salient feature of the strategy is as follows:

- Accelerating Development of Infrastructure
- Promoting labour intensive industries
- Focus approach for industrially under-developed Areas
- Strengthening sector-specific vocational skills
- Encouraging Universities for incubating start-ups & innovative product development
- Support technology up-gradation and research & development
- Promote trade facilitation & e-governance
- Support to Service sector enterprises
- Conducive labour reforms including more opportunity for women
- Focus approach on 'Make in India' programme
- To enhance last mile connectivity for strengthening development of infrastructure
- To promote specific sector approach & value addition in production
- To encourage the adoption of green, clean-energy business practices
- To promote innovation, start-ups & technology transfer
- Providing equity support for MSMEs & Start-ups
- Facilitation to large/ mega projects

(6) District Industries Center (DIC):

Monitoring of DICs

The functioning of DICs and their achievement is monitored by Industries Commissioner, Meeting of General Managers is organized frequently to evaluate the performance and also help in resolving difficulties in implementation of different schemes. To resolve the problems of industries/industrialists, there are two types of committee at the district level viz.

- **District Industrial Executive Committee (DIEC)**

DIEC is constituted for solving industry related problems and promoting industrial growth. District Collector is the Chairman of this Committee and General Manager of DIC is the Member Secretary. The other members of the DIEC are President of District Panchayat, DDO, MP, MLAs, Prominent persons active in Industries in the district and members of all district level industries associations.

- **Single Window Industrial Follow up Team (SWIFT)**

Entrepreneurs face many difficulties when they start new industries. They have to deal with many government agencies and get many clearances. SWIFT helps them in guiding solving their problems at a single spot. This committee is working under the District Collector, General Manager of DIC is the Member Secretary and District Development Officer is Vice President of SWIFT. All industries related officers in the district are members of this committee.

Functions of DICs

Registration

1. EM Part-I acknowledgement
2. EM Part-II acknowledgement
3. C.S.P.O.
4. Lubricating, Oil, Grease License

Recommendation:

Land recommendation for N.A.

Incentive Scheme:

Seminars:

1. District or Taluka Level
2. Buyer-Seller & Exhibition

Others Activities:

1. Recovery of Package Loan margin Money Loan & Subsidy
2. Welfare of Salt Workers and Recovery of Royalty from Salt Workers.
3. Follow up of Industrial Approvals.
4. Follow up of units which have availed benefits under incentives schemes

Self Employment scheme:

1. Recommendation of loan applications under Vajpayee Bankable Scheme
2. Recommendation of loan application under PMEGP Scheme
3. Manav Kalyan Yojana – Tool kits to artisans.
- 4.

Co-operative Package Scheme

1. Package Scheme
2. Handloom Development Scheme
3. Training & Production centre
4. Woollen Carpet Centre
5. Weaving Scheme
6. Recovery of Loan & Share contribution of Co-operative Societies
7. Liquidation of Industrial Society
8. Preparation of Project Profiles
9. Audit of Industrial Society
10. Gramodyog Vikas Kendra
11. Hastakala Mela
- 12.

At present 25 District Industries Centre (DIC) are functioning in Gujarat State. The main objective of establishing DIC is to provide all assistance under one umbrella to the entrepreneurs engaged in dispersed area and diversified industries and to those proposing to establish a fresh small and cottage industries. The perspective entrepreneurs get all type of assistance like credit, raw materials, power, land and building from DIC. Even for follow up of larger projects having investment up to Rs. 100 Crore, where the corporate office is in Gujarat, DIC extends its assistance for speedy implementation of the projects.

The working of all DIC is motivated by the Monitoring Cell established in the office of the Industries Commissioner. The progress achieved by each DIC is monitored every month by the Industries Commissioner in the meeting of all General Managers of the District Industries Centers.

At the district level, there is District Industries Executive Committee with Member of Parliament (MP) or Collector as the Chairman. This Committee meets periodically to discuss and solve the problems of Industrialists with the help of DIC.

In order to achieve better Co-ordination between different agencies and to solve the problems of entrepreneurs, a "Single window Industries Follow up Team (SWIFT)" has been constituted in all the districts under the Chairmanship of Collector of the district.

Moreover, the arrangement has been made for the applicant to have proper guidance and authentic information of various schemes implemented by District Industries Centres (DICs) with establishing the 'Citizen Charter Centre' in all DICs.

The Micro, small and medium enterprises as classified above are required to file Entrepreneurs Memorandum (EM) Part-I to District Industries Centre for starting an industrial project. On completion of the project, the entrepreneur is required to file Entrepreneurs Memorandum (EM) Part-II with DIC.

The District Industries Center conducts various Training Programs for the beneficiaries. Apart from assisting in implementation of Vajpeyi Bankable Scheme, Jyoti Gramodyog Yojana, Prime Minister's Employment Generation Programme (PMEGP) etc., DIC also look after KVIB Schemes implemented in the district.

The DIC and KVIB are involved in extending assistance to rural/artisans and entrepreneurs. Marketing of the manufactured goods is taken care of by the artisans themselves and is therefore a major problem for individual artisans.

(7) Gujarat State Finance Corporation (GSFC):

Gujarat State Finance Corporation (GSFC) is established in 1962 by the Government of Gujarat. The main objective of the corporation is to provide financial assistance and protection of the Small Scale Industries of the district. There are other branches of the corporation functioning at Ahmedabad, Rajkot, Udhna, Bhavnagar, Jamnagar and Vitthal Udhyog nagar.

(8) Quality State Export Corporation:

In the year 1966 Gujarat Government had established Gujarat State Export Corporation, which monitors the quality of the goods to be exported to the other foreign countries. Besides, it provides valuable guidance and issues instructions about the import-export services to the entrepreneurs functioning in the export-import sector. Incorporated by the State Government of Gujarat, Gujarat State Export Corporation (GSEC) is also authorized Export House declared by the Government of India.

Particulars of Industrial Associations and Chamber of Commerce are as given below:

Sr. No.	Association/Chamber of Commerce	Telephone No.
1	Banaskantha Jilla Vepari Mandal President: Shri Sivrambhai Patel At: PALANPUR.	Mo: 9925013511 Off: 02742-252227
2	Ambaji Marble Quarry & Factory Association President: Shri Dipakbhai Patel C/o Ms. D. K. Trivedi & Sons, Kumbhariya Road, AMBAJI Email: dksons@yahoo.com	Mo: 9979858114 Shri Rajiv Gupta Mo: 9926175754
3	Palanpur GIDC Estate Association President: Shri Devilal Jangid C/o Ms. Vishwakarma Iron Works, GIDC, PALANPUR. Email: devilaljangid@yahoo.com	Mo: 9426515111
4	Chandisar GIDC Estate Association President: Shri Kantibhai Thakkar C/o Ms. Vaishnavdevi Refoils & Oil, GIDC, CHANDISAR, Ta: PALANPUR.	Mo: 9979655111 Off: 02742-283052
5	Palanpur Marble & Granite Association President: Shri Bhagwanbhai Patel C/o Ms. Shakti Granite, At: HEBATPUR PATIA, TA: PALANPUR Email: infoshaktigranite.com	Mo: 9426554455
6	Banaskatha Jilla Diamond Factory Owners Association President: Shri Amratbhai Fosi C/o Ms. Vishwas Diamond, GIDC, PALANPUR	Mo: 9377757775 9898439496
7	Deesa Cold Storage Association President: Shri Ganpatlal L. Kacchava 113, Shivali Shopping Center, At & Post: DEESA. Email: glkachhva@yahoo.co.in	Mo: 9099929485
8	Deesa GIDC Estate Association President: Shri Lachhubhai Agrawal C/o Ms. Hariram Sevaram & Co., At & Po: IQBALGADH, Ta: Amirgadh Email: gaurangagrawal@rediffmail.com	Mo: 9925214611 Off: 02744-22011
9	Aravali Mineral Association President: Narendrabhai Chaudhari C/o Shreeji Fine Micron, At & Po: At & Po: IQBALGADH, Ta: Amirgadh Email: shreejifinechem@hotmail.com	Mo: 9974045199 Off: 02742-285099
10	Shihori GIDC Association President: Shri Prakash G. Kakani C/o Ms. Gopal Industries, plot No: 17, GIDC Estate, At: SHIHORI, Ta: KANKREJ	Mo: 9828505670
11	Deodar GIDC Association President: Shri Chelabhai R. Patel C/o Ms. Divya Sahkti Agro Products Pvt. Ltd., Plot No: 40 to 51, GIDC, AT & Po: DEODAR Email: divyashaktiagroproduct@gamil.com	Mo: 97277955438

CHAPTER: 6

PRESENT INDUSTRIAL STRUCTURE:

(1) General Industrial Climate:

The district has witnessed highest in Agro & Food Processing over a period of two decades. The Food processing in the district has attracted nearly 57% of the Total Investment. Engineering has emerged as the Third Highest Investment aggregating in the district over two decades. Mineral based (Ceramic & Cement) along with Sugar Industry have also emerged as a preferred sectors for investment in the district.

Major Medium and Large Scales industries in the district are engaged in Granite Tiles and Marble Blocks manufacturing. There are 7 clusters of MSMEs having focused on Textiles (Spinning & Weaving of Cotton textiles). While Khadi, Diamond and Ceramic (Processed Stone & Marble) industries are operating in the Small Scale Industries clusters, Out of the 10 MSME clusters 3 clusters are located in Palanpur 2 in Dahnera and one each in Danta, Tharad, Dantiwada and Deesataluka. The Textile clusters located in Palanpur, Vadgam, Deodar and Bhabhartaluka together consists of 397 enterprises (109 Spinning Weaving of Cotton Textiles and 286 Khadi manufacturing). 104 enterprises manufacturing processed Diamond and processed Stone & Marbles are located in Palapur and Deesa and Ceramic cluster in Danta having 48 enterprises are operating in the district.

Normally MSMEs in the district needs Government's assistance in the point of view of dimensional and motivational strategy. Lack of ample resurrection measures supported in the various policies and procedures of the state government, non availability of adequate financial support, lack of market intelligent, lack of globalisation approach, inadequate technological transformation support by the state government etc. All these factors may slow down the industrial growth in the district.

Therefore, ample care and support are necessary to bring about a change in the perception and practices and make then SMSEs successive and improvising the competitiveness for the longer survival through technological transformation ensuring quality and productivity improvisation.

2. MAJOR INDUSTRIES:

Most of the medium and large scale industries in Banaskantha district are mainly manufacturing Granite Tiles and Marble Blocks.

Some of the major medium and large scale units are as mentioned below:

Name of Company	Taluka	Production Item
Ceramic Industries		
Shreeji Granite	Amirgarh	Granite Tiles, Slab
Shreeji Industries Ltd.	Amirgarh	Granite Tiles
D.K. Trevedi & Sons	Danta	Marble Blocks, Tiles
Tripathi Marble Ltd.	Danta	Marble Slabs
Hindustan Marble Pvt. Ltd	Danta	Marble Blocks
Balaram Cement Pvt. Ltd	Amirgarh	Cement
Sri Ram Cement Ltd.	Danta	Cement
Jagdamba Cement Ltd.	Danta	Cement
Food Processing		
Aadarsh Derivatives Ltd.	Palanpur	Guwar Gum
Gujrat Agro Industries	Palanpur	Castor Oil, Cakes
Kishan Agro Industries Ltd.	Palanpur	Castor Oil
Banaskantha District Oil Producers Union	Palanpur	Rayda Oil
Royal Proteins Ltd.	Deesa	Gefind Vegitable oi
Banaskantha District Co-operative milk Union Ltd.	Palanpur	Milk, Ghee, Butter, Ice Cream

3. SMALL SCALE INDUSTRIES:

Ambaji has more than 6577 SSI and Cottage Industries. AS per the industrial statistics of 2006-07 there were 677 units established in the district with investment of 24134.58 lacs in plants and machinery and employing about 24014 workers.

Small Industry Cluster in Banaskantha District (as per GOG Census 1999-2000)

Cluster	Taluka	No. of Units	Investment	Production	Employment
Textile	Palanpur	45	15.35	12.03	94
Do	Vadgam	64	30.83	16.13	147
Khadi	Vadgam	146	48.45	47.88	262
Khadi	Vadgam	142	59.89	29.68	326
Process stone marble	Danta	48	1857.65	1152.09	1406
Diamond processing	Palanpur	41	142.44	165.07	902
Diamond processing	Deesa	63	77.37	84.72	225

4. MICRO, SMALL & MEDIUM ENTERPRISE

TALUKA WISE NO.OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED
(FROM 02/10/2006 TO 31/03/2007)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing& Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	3	3.50	13
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	3	24.24	15
THARAD	0	0	0
VADGAM	1	9	7
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	7	36.74	35

TALUKA WISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED
(FROM 02/10/2006 TO 31/03/2007)

Category of Enterprise- **Small** Nature of Activity-Manufacturing & Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	2	126.05	24
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	9	897	108
THARAD	0	0	0
VADGAM	1	9	7
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	12	1032.50	139

TALUKA WISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED
(FROM 02/10/2006 TO 31/03/2007)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing& Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	0	0	0
THARAD	0	0	0
VADGHAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	0	0	0

TALUKA WISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2007 TO 31/03/2008)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	6	113.59	54
BHABHAR	2	9	3
DANTA	16	173	87
DANTIWADA	6	24.56	16
DEESA	40	421.90	208
DEODAR	9	43.72	24
DHANERA	8	28.90	21
PALANPUR	67	553.38	201
THARAD	4	16	11
VADGAM	14	63	44
Vav	2	6	5
KANKREJ	6	112.70	107
TOTAL	180	1565.75	781

TALUKA WISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2007 TO 31/03/2008)

Category of Enterprise- **Small** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	4	220.63	54
BHABHAR	0	0	0
DANTA	10	873.50	165
DEESA	22	5538.13	134
DEODAR	3	211.59	41
DHANERA	0	0	0
PALANPUR	12	1011.91	288
THARAD	0	0	0
VADGAM	3	387	100
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	54	8242.76	782

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2007 TO 31/03/2008)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	1	986	42
THARAD	0	0	0
VADGHAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	1	986	42

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2008 TO 31/03/2009)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing& Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	12	85	32
3BHABHAR	12	83	25
DANTA	3	9	3
DANTIWADA	1	3	1
DEESA	44	256.19	109
DEODAR	16	48	21
DHANERA	3	11	9
PALANPUR	100	574.84	315
THARAD	1	3	3
VADGAM	12	37	21
Vav	1	2	4
KANKREJ	17	101.3	28
TOTAL	222	1213.33	571

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2008 TO 31/03/2009)

Category of Enterprise- **Small** Nature of Activity-Manufacturing &Service(Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	2	142	27
DEESA	3	458.75	33
DEODAR	1	45.11	8
DHANERA	0	0	0
PALANPUR	12	2595.76	250
THARAD	0	0	0
VADGAM	2	96	16
VAV	0	0	0
KANKRAJ	1	56	1
DANTIVADA	0	0	0
TOTAL	21	3393.62	335

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2008 TO 31/03/2009)

Category of Enterprise-**Medium** Nature of Activity- Manufacturing& Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	0	0	0
THARAD	0	0	0
VADGHAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	0	0	0

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2009 TO 31/03/2010)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	2	13	12
BHABHAR	00	00	00
DANTA	1	14	1
DANTIVADA	12	58	10
DEESA	5	69	34
DEODAR	00	00	00
DHANERA	8	24	8
PALANPUR	59	404.50	206
THARAD	1	1	1
VADGAM	24	66	25
VAV	00	00	00
KANKRAJ	1	3	5
TOTAL	113	652.5	302

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2009 TO 31/03/2010)

Category of Enterprise- **Small** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	00	00	00
BHABHAR	00	00	00
DANTA	01	41	29
DEESA	11	3382	96
DEODAR	00	00	00
DHANERA	2	179	18
PALANPUR	15	2803	404
THARAD	02	103	30
VADGAM	2	243	32
VAV	00	00	00
KANKRAJ	01	62	17
DANTIVADA	00	00	00
TOTAL	34	6813	626

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2009 TO 31/03/2010)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	1	970	125
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	0	0	0
THARAD	0	0	0
VADGAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	1	970	125

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2010 TO 31/03/2011)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	1	3	10
BHABHAR	1	16	10
DANTA	16	288	143
DANTIVADA	1	17	12
DEESA	13	103.15	104
DEODAR	0	0	0
DHANERA	1	4	13
PALANPUR	59	401.50	437
THARAD	0	0	0
VADGAM	18	105	190
VAV	9	30	56
KANKRAJ	3	19	33
TOTAL	122	986.65	1008

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2010 TO 31/03/2011)

Category of Enterprise- **Small** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	8	769	124
DEESA	3	650.82	43
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	7	749	157
THARAD	0	0	0
VADGAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	1	158	15
TOTAL	19	2326.82	339

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2010 TO 31/03/2011)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	0	0	0
THARAD	0	0	0
VADGAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	0	0	0

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2011 TO 31/03/2012)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing& Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	5	173	66
BHABHAR	0	0	0
DANTA	17	202	150
DANTIVADA	4	17	22
DEESA	13	247	167
DEODAR	0	0	0
DHANERA	21	181	207
PALANPUR	60	643	569
THARAD	2	29	26
VADGAM	6	114	71
VAV	0	0	0
KANKRAJ	2	27	31
TOTAL	130	1633	1309

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2011 TO 31/03/2012)

Category of Enterprise- **Small** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	2	126	27
DEESA	18	5758.82	89
DEODAR	0	0	0
DHANERA	0	00	0
PALANPUR	15	2139	259
THARAD	00	00	0
VADGAM	4	846	89
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	1	75	7
TOTAL	40	8944.82	471

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2011 TO 31/03/2012)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing& Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	0	0	0
THARAD	0	0	0
VADGAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	0	0	0

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2012 TO 31/03/2013)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	3	66	22
BHABHAR	10	23	33
DANTA	10	153.75	81
DANTIVADA	1	22	5
DEESA	13	1394.17	201
DEODAR	31	200	338
DHANERA	1	8	28
PALANPUR	51	584.98	462
THARAD	0	0	0
VADGAM	4	40	29
VAV	0	0	0
KANKRAJ	0	0	0
TOTAL	124	2491.90	1199

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2012 TO 31/03/2013)

Category of Enterprise- **Small** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	1	55	11
BHABHAR	0	0	0
DANTA	4	388	50
DEESA	4	494.75	34
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	14	2408	181
THARAD	0		0
VADGAM	2	222	14
VAV	0		0
KANKRAJ	2	443	23
DANTIVADA	1	105	7
TOTAL	28	4115.75	320

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2012 TO 31/03/2013)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	0	0	0
THARAD	0	0	0
VADGAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	0	0	0

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2013 TO 31/03/2014)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	3	73	25
BHABHAR	16	58	60
DANTA	10	75.60	94
DEESA	16	251	101
DEODAR	1	3	5
DHANERA	40	98.10	229
PALANPUR	115	1008.14	2290
THARAD	14	59.70	56
VADGAM	9	108.89	76
VAV	1	2.50	5
KANKRAJ	4	61.50	28
DANTIVADA	8	20.80	40
TOTAL	237	1820.23	3009

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2013 TO 31/03/2014)

Category of Enterprise- **Small** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	1	50	10
BHABHAR	0	0	0
DANTA	3	645	30
DEESA	3	602	28
DEODAR			
DHANERA	0	0	0
PALANPUR	14	1324.63	169
THARAD	0	0	0
VADGAM	1	35	11
VAV			
KANKRAJ	1	70	7
DANTIVADA	2	244.83	38
TOTAL	25	2971.46	293

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2013 TO 31/03/2014)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	0	0	0
THARAD	0	0	0
VADGAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	0	0	0

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2014 TO 31/03/2015)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	2	43	14
BHABHAR	12	106	62
DANTA	4	44	26
DANTIVADA	4	33	25
DEESA	18	241.71	155
DEODAR	0	0	0
DHANERA	10	132.50	61
PALANPUR	151	1736.98	5011
THARAD	2	14	10
VADGAM	23	201.35	158
VAV	0	0	0
KANKRAJ	1	5	7
TOTAL	227	2337.54	5529

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2014 TO 31/03/2015)

Category of Enterprise- **Small** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	2	324.50	25
BHABHAR	2	467.04	18
DANTA	3	870	31
DEESA	2	770.74	41
DEODAR	2	396	19
DHANERA	2	240	24
PALANPUR	39	5017.38	992
THARAD	1	300	9
VADGAM	1	40.50	18
VAV	1	222	8
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	55	8648.16	1185

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 02/10/2014 TO 31/03/2015)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	00	00	00
BHABHAR	00	00	00
DANTA	00	00	00
DEESA	1	800	9
DEODAR	00	00	00
DHANERA	00	00	00
PALANPUR	00	00	00
THARAD	00	00	00
VADGAM	00	00	00
VAV	00	00	00
KANKRAJ	00	00	00
DANTIVADA	00	00	00
TOTAL	1	800	9

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2015 TO 20/10/2015)

Category of Enterprise- **Micro** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	2	50.00	25
BHABHAR	0	0	0
DANTA	2	120.13	37
DANTIVADA	0	0	0
DEESA	4	141	40
DEODAR	0	0	0
DHANERA	1	14.52	7
PALANPUR	15	373.45	125
THARAD	1	21.12	23
VADGAM	2	21.00	11
VAV	0	0	0
KANKRAJ	0	0	0
TOTAL	27	741.22	268

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2015 TO 20/10/2015)

Category of Enterprise- **Small** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	1	154.51	9
BHABHAR	0	00	0
DANTA	0	00	0
DEESA	3	724.48	48
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	4	1087.73	46
THARAD	1	57.40	6
VADGAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	9	2023.64	109

TALUKAWISE NO. OF MSM ENTERPRISE ACKNOWLEDGE REGISTERED

(FROM 01/04/2015 TO 20/10/2015)

Category of Enterprise- **Medium** Nature of Activity- Manufacturing & Service (Urban & Rural)

Taluka	No. Of Units	Investment in P & M Rs. In Lacs	No. of Employee
AMIRGADH	0	0	0
BHABHAR	0	0	0
DANTA	0	0	0
DEESA	0	0	0
DEODAR	0	0	0
DHANERA	0	0	0
PALANPUR	0	0	0
THARAD	0	0	0
VADGAM	0	0	0
VAV	0	0	0
KANKRAJ	0	0	0
DANTIVADA	0	0	0
TOTAL	0	0	0

PROGRESS IN REGISTRATION OF MICRO ENTERPRISES IN BANASKANTHA
District Is As Given Below:

Year	No. of Regd. units	Investment (Rs. In lacs)	Employment
02/10/06 to 31/03/07	7	36.74	35
2007-08	180	1565.75	781
2008-09	222	1213.33	571
2009-10	113	652.50	302
2010-11	122	986.65	1008
2011-12	130	1623.00	1309
2012-13	124	2491.90	1199
2013-14	237	1820.23	3009
2014-15	227	2557.54	5529
2015-16	27	741.22	268
TOTAL	1389	13688.68	14011

PROGRESS IN REGISTRATION OF SMALL ENTERPRISES IN BANASKANTHA
District is as given below:

Year	No. of Regd. units	Investment (Rs. In lacs)	Employment
02/10/06 to 31/03/07	12	1032.50	139
2007-08	54	8242.76	782
2008-09	21	3393.62	335
2009-10	34	6813.00	626
2010-11	19	2362.82	339
2011-12	40	8944.82	471
2012-13	28	4115.75	320
2013-14	25	2971.46	293
2014-15	55	8648.16	1185
2015-16	9	2023.64	109
TOTAL	297	48548.53	4599

PROGRESS IN REGISTRATION OF MEDIUM ENTERPRISES IN BANASKANTHA
District is as given below:

Year	No. of Regd. units	Investment (Rs. In lacs)	Employment
02/10/06 to 31/03/07	0	0	0
2007-08	1	986	42
2008-09	0	0	0
2009-10	1	970	125
2010-11	0	0	0
2011-12	0	0	0
2012-13	0	0	0
2013-14	0	0	0
2014-15	1	800	9
TOTAL	3	2756	176

5. Vendorisation / Ancillarisation of the Industry:

Looking into the requirements of Medium/Large scale industries, following industries could be considered for establishment in the district:

1. Aluminium Bottles
2. HDPE Bottles
3. Aluminium Tin Container
4. Plastic Bottles
5. Hardware like Nuts, Bolts, Washers, Nails etc.
6. Pipes and fittings, Elbow, bend
7. Polythene Bags
8. Oil Seeds
9. Oil Cake
10. Caustic Soda
11. Salt
12. Jute Bags
13. Phenyl, Tiles, Cleaners, Acids
14. Stationery items like Box/Flat Files, Xerox paper, pens etc.
15. Plywood
16. Oil seals, 'O' Rings, Rubber Parts
17. Phosphoric acid
18. Wire Ropes and other Lifting MATER
19. Carbon
20. Hexane

6. Large/Medium Scale Industries:

Industrial units having investment exceeding Rs. 10 Crore in Plant & Machinery are classified as Large Industrial Units. An entrepreneur or a company desirous to set up such large Project, needs an approval in the form of Industrial License from Government of India (GoI) under the Provisions of Industries (Development & Regulations) Act, 1951. In July, 1991, Government of India has liberalised the Licensing Procedure and exempted all the industries from the purview of Industrial Licensing. The Enterprises are required to file an Industrial Entrepreneur's Memorandum (IEM) with Secretariat, M/o Commerce & Industries, Government of India, for Industrial Approval on observing certain requirements with respect to location and environment. In the case of setting up of an Export oriented Unit (EOU) or setting up a Project in Special Economic Zone (SEZ), a Letter of Permission (LoP) is required to be obtained from the Development Commissioner of the concerned SEZ. Thus, the Procedure for setting up a large industrial unit would either filing of IEM, obtaining Letter of Intent (LoI)/Industrial License or obtaining Letter of Permission (LoP) in case of 100 % EOU or SEZ unit.

Total 15 large and medium industries are working and employing about 7611 workers consisting of skilled manpower. The potential in the district has been identified in the sectors such as cotton textile, food industry, engineering goods, electrical industries, metal products and mineral & stone based industry.

7. HANDICRAFT IN BANASKANTHA DISTRICT:

Mostly Handicraft enterprises are located in Ambaji, Koteswar and Kumbhariya in the district, which produces Statues, Engravings, Pillars, Temple work, sculptures, Furniture items, Cylindrical items and other articles of Marble/Sand stone or Granite.

Ambaji is famous for Marble work. There are about 130 units engaged in manufacture of various sand stone, granite and marble articles. There are around 700 workers working in the above units. Out of these, 130 units, entrepreneurs of SC/ST category own around 15 units. There are around 300 to 350 workers of SC/ST categories working in the above units. The majority of SC/ST category workers are working in marble quarries and in the stone handicrafts units.

GUJARAT STATE HANDLOOM & HANDICRAFTS DEVELOPMENT CORPORATION LTD. Introduction:



Gujarat State Handloom & Handicrafts Development Corporation Ltd., (GSHHDC), an undertaking of Government of Gujarat was established in 1973 with the main objective of identification, revival, development of handicrafts and handlooms of Gujarat. With the advent of GSHHDC, it has been possible to develop handloom and handicraft products and a continuous process of providing design input to make the products having more utilitarian value and suitable for contemporary life style without altering the traditional values of craftsmanship. Thousands of artisans/weavers, who are inhabited in rural, urban and even remote area of Gujarat, are covered under its various schemes of training and designs development.

Their products have received acclamation not only across the country but in overseas countries too. Our activities have helped in creating sustainable employment opportunities and income generation to the artisans working in the area of handloom and handicrafts, which is a non farming sector of our Indian economy. With a view that ample marketing opportunities are available to these artisans/weavers, the Corporation markets their products through its GARVI-GURJARI chain of emporia across the country and supply to exporters, which has created its market in overseas countries.



Gujarat has an array a rich variety of crafts. Its embroidery, bead work, wood crafts, printed and woven clothes, pottery and tribal art are expression of the folklore and festivals. The exclusive range of these works of craftsmen and woven imbued with the social and cultural hue of the region from where they have sprung are original in nature and craftsmanship. Today far moved from the hut or the village of the craftsman, pieces of handicrafts come to adorn the houses of the elite, the five star hotels both at home and abroad.

Marble, Sand stone and granite are available nearly 99 % of the total stock of the district lies in Ambaji, Koteswar and Kumbhariya of the district. Carving of Statues, engravings, Pillars, Temple Construction, Sculpture, Stone furniture, cylindrical items and other items from Marble, Sand stone and granite are operating on Micro level in the district.

Problems of the SMEs sector:

- (1) The utmost Problem is very low awareness in MSMEs about various schemes of Government of India, Government of Gujarat and other Government Departments, agencies, Institutes or Stake holders function for the development of MSMEs because of lack in corporate governance or due to communication system of the government itself. There are lots of incentive schemes and packages especially designed for MSMEs but most of the entrepreneurs remain unaware of it.
- (2) Global recession of 2008 had slowed down the overall growth of the MSMEs. Due to failure of banking and insurance company globally, the global credit squeeze had reasonably affected the export textile and jewellery goods, which created temporary shutdown of production in the sector.

- ..
- (3) Lack of skilled human resources has also affected the sector at noticeable level. Technology intervention is still very low in the sector. Artisans and weavers still have been remained unaware of latest designs and current market trends. They continued to manufacture products with old designs which fail to generate consistent demand in the consumer markets. There is still huge gap among the household unit owners/weavers/artisans and the designers/engineers. There is immense need to encourage engineers and fashion designers to work out with these small units' owners, weavers, designers which would be mutually beneficial and help revive the sector and make it globally more competitive. Information dissemination about availability of recent technologies, literature on modern machinery, contact details of suppliers of raw materials, buyers etc. are very essential factors for the MSMEs,
 - (4) Another major problem related to payment durations normally faced by the MSME entrepreneurs. Mostly they are causing delay in payments and bad debts, which causes trouble in the working capital ratio. Low credit period provided by the suppliers and on other side late payment made by the customers also creates imbalance in the working capital.
 - (5) One of the major concerns is low credit availability to the MSMEs. Though, credit to MSMEs fall under the category of priority sector lending, but with the expansion of the priority sector lending to accommodate fast growing areas such as home loans, education loans; the percentage share of credit to MSMEs have been fallen down. There is strong need to increase the target of commercial bank lending to MSMEs from 20 % year on year growth to 30% which will enhance the credit facilities to MSMEs.
 - (6) Delay payment issue of MSEs about the payments not received in stipulated time period for the supply of Goods and\or Services to larger units or Government's Departments. Most of the MSEs feel that remedial measures are taken at slower speed, which creates working capital crunch\problem for the MSEs. Medium Scale entrepreneurs also of the opinion that they are also be included under this umbrella.

CHAPTER 7

PROSPECTS OF INDUSTRIAL DEVELOPMENT:

The district has witnessed highest investment in Agro & Food processing over a period of two decades. The Food processing Industries in the district has attracted nearly 57 % of the total Investment. Engineering has emerged as the Third Highest Investment aggregating in the district over two decades. Mineral based (Ceramic & Cement) along with Sugar Industry have also emerged as a preferred sectors for investment in the district.

Major Medium and Large Scale industries in the district are engaged in Granite Tiles and Marble Blocks manufacturing. There are 7 clusters of MSMEs having focused on Textiles (Spinning & Weaving of Cotton textiles). While Khadi, Diamond and Ceramic (Processed Stone & Marble) industries are operating in the Small Scale industries cluster, Out of the 10 MSME clusters, 3 clusters are located in Palanpur 2 in Dahnera and one each in Danta, Tharad, Dantiwada and Deesa taluka. The Textile clusters located in Palanpur, Vadgam, Deodar and Bhabhart taluka together consists of 397 enterprises (109 Spinning Weaving of Cotton Textiles and 286 Khadi manufacturing). 104 enterprises manufacturing processed Diamond and processed Stone & Marble are located in Palanpur, Deesa and Ceramic cluster in Danta having 48 enterprises are operating in the district.

The under mentioned factors should be considered as standard measures to access the potential industries:

1. Available raw materials and natural resources.
2. Present industrialization process.
3. Available technologies.
4. Available human resources.
5. Marketing and distribution system.
6. Transport and communication resources.
7. Satisfying capacity of the local demand.
8. Possibilities for intake of technology up-gradation measures.

Looking at the above factors, there is ample scope for the further development of various industries in the district into two categories as mentioned below:

- A. Resource Based Industries.
- B. Demand Based Industries.

A. Resource Based Industries.

The food processing and textiles industries existing in the district for last two decades are driving its economic growth. The vast reserve of marble in the district is a great potential for ceramic industry. Moreover, Gujarat State Petronet Limited (GSPL) has planned to lay Gas pipeline in the district along DMIC, which would further fillip the industrial growth in Banaskantha district.

Service Enterprises:

Government of Gujarat has implemented Industrial Policy 2009 in collaboration with District Industries situated in all the district of the State. DIC at Anand extends financial support to the existing service sector engaged in Tailoring service (with electric motors\manual machines), Embroidery work, Washing and ironing of clothes, Beauty parlor, Transport services, Wiring & Plumbing services, Auto repairing, Painting of signboards and hoardings, Air-conditioners and refrigerators repairing, Cobbler services, Consumer electronic appliances, Armature & motor rewinding, Book binding & spiral binding, vulcanising of tyre and tubes, Agriculture machinery & equipments repairing, Catering, Hair cutting services, decorators, Cyber café, Currier service, Private Coaching classes engaged in preparing skilled persons etc. at micro level to the people in the district.

Potential Areas for Service Industry:

The potential areas for Service Industry can be further classified into various groups such as:

A) Toolkit for Self-employed women at the urban and rural level for

Sl. No.	Description as NIC 2004	5 Digit Code
1	Custom Tailoring (with Manual machine)	18105
2	Custom Tailoring (with electric motors)	18105
3	Washing & ironing of clothes	93010
4	Beauty Parlor	93020

B) Toolkit for Repair Service Providers:

Sl. No.	Description as NIC 2004	5 Digit Code
1	Repair of bicycles and other non-mechanical vehicles	52605
2	Repair of household electrical appliances	52602
3	Plumbing & drainage	45301
4	Repair of TV, VCR, Refrigerator etc.	52603
5	Printing of advertising material	22211
6	Repair & maintenance of electric motors, generators & transformers	31108
7	Repair & maintenance of other electrical equipments n.e.c.	31908
8	Repair & maintenance of transport equipment.	35998
9	Retreading of tyres, replacing of tread & used pneumatic tyres	25114
10	Maintenance & repair of motor cycle, scooters and three wheelers	50404
11	Repair & maintenance of agriculture & forestry machinery	29218

C) Other Services:

Sl. No.	Description as NIC 2004	5 Digit Code
1	Hair dressing & other beauty treatment	93020
2	Renting of tents, electrical appliances, furniture, tableware, crockery & utensils.	71301
3	Glazing, plastering, painting & decorating, floor sending and other similar building finishing works	45402
4	Activities of caterers	55204

STEPS TO SET UP A MICRO, SMALL OR MEDIUM ENTERPRISE

The important aspects are as given below:

- (1) Selection of proper Project
- (2) Selection of appropriate Technology & Machinery
- (3) Feasible Planning for getting finance
- (4) Conceptualization of Basic Infrastructure: erecting of factory building, arrangement of necessary connection such as Power, Sewerage and Communication etc., Labour and Personnel, Procurement of Raw Material.
- (5) Filling of Enterprise Memorandum Part II with respective District Industries Center of the district.
- (6) Sanction of Approvals such Regulatory, Taxation, Environmental clearance in certain products etc.
- (7) Registration of Quality Certification

General Information:

Micro, Small & Medium enterprises are classified in terms of investment in Plant & Machinery under MSMED Act 2006. Further, the MSME sector is mainly divided into two major segments namely: Manufacturing and Service Sector.

Terminology of MSME Manufacturing Enterprises as per investment in Plant & Machinery is as under:

Micro Enterprise: Investment up to **Rs.25 Lacs.**

Small Enterprise: Investment more than **Rs. 25 Lacs& up to Rs. 5 Crores.**

Medium Enterprise: Investment more than **Rs. 5 Crores& up to Rs. 10 Crores.**

Terminology of MSME Service Enterprises as per investment in Plant & Machinery is as under:

Micro Enterprise: Investment up to **Rs. 10 Lacs.**

Small Enterprise: Investment more than **Rs. 10 Lacs& up to Rs. 2 Crores.**

Medium Enterprise: Investment more than **Rs. 2 Crores& up to Rs. 5 Crores.**

(1) Selection of proper Project:

Idea emerging out from the bottom of the heart coupled with risk taking ability, self inspiration, liking and adventurous nature can tremendously help to become an entrepreneur.

Idea with concrete determination involves viability of business, knowledge of clientele need, market research, prosperity of growth and long term sustainability to run the industry for long period helps a lot to conceptualize the project and gives successful implementation.

Further to complete the process, one needs to have basic knowledge about vivid aspects such as

Product: Nature, Characteristic, size and usefulness of the ultimate consumers.

Process: Use of Technology involved for the production of the Item.

Location: Location with complete infrastructure facilities is most important part as it gives the viability, logistics for input and marketing of finished products at economy rate which ultimately may result into higher production, minimization of waste, decrease in ex-factory value, increase in productivity and profit.

Finalisation of Product:

Product Line: width, depth and characteristics

Packaging: Dazzling and user friendly

Branding: Eye cache and booster advertisement

Warranties: Extending Warranties to the consumers to win their satisfaction and feasibility of consistent consumption of the product offered to them.

After Sale Service: Proper cell for extending after sales service to the ultimate consumers to win their trust.

(2) Selection of appropriate Technology & Machinery

Need arise under this Head is as follow:

Search for suitable Project Profiles

Search for proper Product Code

Search of Industry Clusters

Search for getting information of existing Manufacturers

(A) Selection of Process:

As the product is finalized, the choice for selecting proper technology arises. Sometimes for complex nature of product, process of know how becomes necessary to import it. So, one should make agreements of technology transfer as a safe guarding means of interest. One can also contact CSIR (Centre for Scientific & Industrial Research) and DRL (Defense Research Labs) for bringing into the indigenous technology, which can give intrinsic benefits of economy and proper choice of technology.

Aspects to be considered are:

- Whether process involves highly skilled labour or complex machinery is required?
- Whether large quantity of water and power is required or not?
- Whether the Patent of Product is required or not using the selected process technology?
- Requirement of any Certificate of Pollution control or maintaining the environmental regulations.
- Whether the Machinery and Equipments are capable for inculcating consistent production in Indian environment?
- One of the Major constraints in the Indian MSMEs is usage of outdated technology and Management Methods which results in inefficiency, low productivity and decrease in profitability of an enterprise. Lack of finance at low or affordable interest rate is also one of the major causes for not adopting modern Machinery, Equipments and Technology of production.
- **Agreement with NSIC for Hire Purchase of Machinery:**
- If an entrepreneur is not capable of purchasing Machinery from own capital, he may contact NSIC for hire purchase of machinery. One should apply to NSIC, Head Office through the DIC of the respective district.

Acceptance Committee comprising of the Representatives of Chief Controller of Imports, Development Commissioner-MSME and other concerned departments verifies all the applications for hire purchase of indigenous or imported machinery.

As soon as these formalities are completed by the hirer, instructions are sent to the suppliers to dispatch the consignment and sent the R\Rs or C\R as the case may; to the Regional Office.

After ensuring all dues have been paid by the hirer, releases the R\R of C\R to for receiving delivery of the machinery.

In case of imported machines, the procedure is slightly different in as much as the shipping documents are sent to the clearing agents for clearing the consignment from the Customs and dispatching it to the hirer. Value of machines that can be supplied depends upon the rules & regulations.

Earnest Money

The proportion of earnest money normally remains between 5% or 10% of the value of machinery. But for imported or indigenous Machinery/Equipments equipment may be different from the normal rate. In the case of furnaces and a few other items of equipment, the rate of earnest money is also different. This interest is calculated on the value of machines outstanding after deducting payment of earnest money.

Administrative Charge

As per rates determines by the stake holder upon the sales value of machinery and its recovery by the NSIC may spread over the total installment period.

Period of Repayment

The period of repayment of loan after deducting the earnest money depends upon the rate of interest and normal period preferably determined by the stakeholders/bankers.

Gestation Period

In case of certain type of machines which become operative immediately on installation in the service sector industries and job order establishment, a gestation period of only 6 months shall be allowed both to the new and existing units.

In case the payment of installment is not made within one month of the specified due date, interest over and above the normal rate is charged on the defaulted amount from the date of default to the date of actual payment is charged by the bankers according to the terms & conditions. Now the Place and Right Partner has to be selected and Project Report has to be prepared.

(3) Feasible Planning for getting finance

No MSME Enterprise can run without financial support.

The requirements can be classified as given below:

- Long & Medium Term Financial requirements
- Short Term or Working Capital Requirements
- Risk Coverage Capital
- Seed Capital\Margin Money Requirements
- Bridging of Loan

Financial Institutions are working in each district of the State as mentioned below:

Nationalised and Private Commercial Banks, Regional Rural Banks or Co-operative Banks are operating to support the existing MSMEs. Some of the institutions are as follows:

- Small Industries Development Bank of India (SIDBI) (For refinance and direct lending)
- Gujarat State Finance Corporation (GSFC)

SIDBI, GSFC and other State Industrial Development Corporations extend financial support for Long and Medium term loan, for the purposes such as Purchase of Land, Construction of building or shed, and purchase of machinery and equipments.

The Short Term Loans are extended by the Commercial banks for Working capital requirements, finance required for the purchase of raw material, payment of wages and to meet the operating expenses. The commercial banks also sanction composite loan comprising of working capital and term loan up to a loan limit of Rs.1 crore.

Requirement to be fulfilled for getting the loan from the Commercial Banks or Financial Institutions are as under:

- Properly filled up application
- Proper documentation
- Attach copy of 3 consecutive three years' Profit and P & L A/c
- Income Tax Assessment Certificates of Partners/Directors
- Proof of Possession of Land/Building
- Architect's estimate for construction cost
- Partnership deed/Memorandum and Articles of Associations of Company
- Project Report
- Budgetary Quotations of Plant and Machinery

After assessment of application, bank issued a letter of sanction or rejection to the applicant. Then, applicant has to submit a letter of accepting the sanction by accepting the terms & conditions laid down by the Bank or Financial Institution.

Subsequently, loan is disbursed according to the phased implementation of the project. Some entrepreneurs choose the other option available in the modern era is of venture capital funds and non-government finance companies.

Conceptualization of Basic Infrastructure:

CONSTRUCTION OF BUILDING:

Selection of negotiable plot of land is the significant task for the entrepreneur, it follows by proper construction of factory building, proper designing of factory lay out, interior and setting up of Plant & machinery.

Getting the Utility Connections

As soon as, the process of construction of factory building starts, entrepreneurs must have follow for the sanction of water, sanitation and appropriate power connection either LT (Low Tension) or HT (High-tension) type diligently. If connected load is upto 75 HP, LT connection is provided. For connected loads of 130 HP or higher only HT connection is provided.

A formal application needs to be made in a specified form to the state electricity board. An electrical inspector is deputed for evaluation of application to factory site, after which the load is sanctioned. In areas of power shortage, it is advisable to augment the power supply with a captive generating set.

GETTING 3M'S RIGHT

MEN

Projections for manpower and staffing are made in the project report. However it is necessary to time the induction of manpower in a planned manner. The engineers and operatives must be available before the installation of the machinery

MACHINERY

Choosing and ordering of right machinery is also of paramount importance. In many cases technology or process provides us with specifications. In case where specifications are not provided, then an extensive techno-economic survey of machinery and equipment available must be carried out. International trade fairs and engineering fairs are good places to look at available options. The entrepreneur must also consult experts, dealers / suppliers as well as users, prior to making a selection of equipment and machinery. The advice of DIC, MSMEI and NSIC can also be sought.

MATERIALS

Materials procurement and planning are critical to success, of a start-up with a MSME unit. Inventory management can lead to manageable cash flow situations; otherwise if too much is ordered too soon considerable amount of working capital gets locked up. On the other hand, non-availability may result in production hold-ups, and idle machine and manpower. For essential imported raw material whose lead-time is large proper planning is all the more essential.

(8) Filing of Enterprise Memorandum Part II with respective District Industries Center of the district.

Section 8 of the **Micro, Small and Medium Enterprises Development (MSMED) Act, 2006** provides for filing of memorandum by a Micro, Small or Medium Enterprise. Sub-section (2) of section 8 stipulates that the form of the Memorandum, the procedure of its filing and other matters incidental thereto shall be such as *notified* by the Central Government.

- The memorandum may be filed by all three categories of enterprises with the District Industries Centre in the jurisdiction of which the enterprise is (or, is proposed to be) located,
- The procedure for filing has been outlined in Schedule II of the **Notification for the format of EM.**

Features of the Scheme

- The memorandum may be filed by all three categories of enterprises with the District Industries Centre in the jurisdiction of which the enterprise is (or, is proposed to be) located.

Procedure for Filing Memoranda under Schedule II of MSMED Act 2006

Notification:

Features of the present procedures are as follows:

- Form of the Entrepreneurs Memorandum can be downloaded from the Internet, the address of which can be obtained from Directorate dealing with Micro, Small & Medium Enterprises of the State Governments/ UTs. or hard copies of the same can be obtained from the District Industries Centers. This form can also be downloaded from the SIDO website i.e. www.laghu-udyog.com or www.dcmsme.gov.in
- Any person who intends to establish a micro or small enterprise, at his discretion; or a medium enterprise engaged in providing or rendering of services may, at his discretion or a medium enterprise engaged in the manufacture or production of goods shall file the Memorandum of Micro, Small or as the case may be, of Medium Enterprise with District Industries Centre of its area.
- The District Industries Centre shall fill all the codes in the form of the Memorandum and issue an acknowledgement after allotting an EM number, date of issue and category of the unit within five days of the receipt of the form of Memorandum by post or same day, if the form of Memorandum is submitted in person as well as online.
- Before issuing the acknowledgement, the District Industries Centers shall make sure that the form is complete in all respect and particularly the form is to be signed and is accompanied with an undertaking, which is a part of the form of Entrepreneurs Memorandum.
- The District Industries Centre shall maintain record of all the Entrepreneurs Memorandum so filed in respect of micro and small enterprises and medium enterprises engaged in providing and rendering services. District Industries Centers shall forward a copy of the Entrepreneurs Memorandum so filed with EM number allotted to the Small Industries Service Institutes of their State/Jurisdiction.
- The District Industries Centre shall maintain record of all the Entrepreneurs Memorandum so filed in respect of medium enterprises engaged in production/manufacturing of products and forward one copy each of the Entrepreneurs Memorandum with EM number allotted to MSME-DI of their State/Jurisdiction and to Joint Development Commissioner (MSME Pol.) in the Office of the Development Commissioner (Small Scale Industries).
- The form of Memorandum is in two parts. Any person who intends to establish a Micro, Small or Medium enterprise engaged in providing or rendering of services may file or those who want to establish medium enterprise engaged in the production or manufacture of products shall file Part I of the Entrepreneurs Memorandum to District Industries Centre.
- Once the above enterprises start production or start providing or rendering services, they should file Part II of the Entrepreneurs Memorandum to District Industries Centre.

- In case of non-filing of Part II of the Entrepreneurs Memorandum within two years of the filing of Part I, the Memorandum (Part I) filed by the entrepreneur will become invalid.
- In case of change in the investment in plant and machinery or in equipment, the enterprises who have already filed Entrepreneurs Memorandum should inform the District Industries Centre of the same in writing within one month of the change in investment.
- In case of change of products and that of services or addition in products or services, the enterprises who have already filed Entrepreneurs Memorandum should inform the District Industries Centre of the same in writing within one month of the change.
- The District Industries Centre shall, in addition of keeping a record, in writing, shall also maintain records electronically on computer.

The following form basis of evaluation:

- The unit has obtained all necessary clearances whether statutory or administrative. e.g. drug license under drug control order, NOC from Pollution Control Board, if required etc.
- Unit does not violate any location restrictions in force, at the time of evaluation.
- Value of plant and machinery is within prescribed limits.
- Unit is not owned, controlled or subsidiary of any other industrial undertaking as per notification.

APPROVALS

Each Micro, Small or Medium unit has to comply with various regulations in force. These include regulatory, taxation, environmental and certain product specific clearances. This section looks into the methodology of obtaining these approvals and clearances.

Exemption from Compulsory Licence

Licensing in the Industries sector is governed by the licensing exemption notification issued by Govt. of India in July 25 1991 under the Industries (Development and Regulation) Act, 1951. In SSI, there are virtually no licensing restrictions. No industrial license is required except in case of 6 product groups included in compulsory licensing (these products groups mainly cover products that can only be made in large sector.)

But if a small-scale unit employs less than 50/100 workers with/without power then it would not require a license from the Govt. of India even for the 6 product groups covered in licensing under Schedule II of the notification.

Subject to this, an entrepreneur can set up a Micro, Small or Medium unit anywhere in the country without any restriction. The units are, of course, subject to the location/land use and zoning restrictions in force under the local laws. (Please see link: dcmsme.gov.in for more information)

CLEARANCES

An entrepreneur has to obtain several clearances or permissions depending upon the nature of his unit and products manufactured.

Product Specific Clearances

Environment & Pollution Related Clearances

REGULATORY OR TAXATION CLEARANCES

REGISTRATION UNDER SALES TAX ACT-COMMERCIAL TAX OFFICER OF THE AREA CONCERNED

REGISTRATION UNDER CENTRAL EXCISE ACT-COLLECTOR OF CENTRAL EXCISE OR HIS NOMINEE FOR THE AREA

PAYMENT OF INCOME TAX-ITO OF THE AREA CONCERNED

REGISTRATION OF PARTNERSHIP DEED-INSPECTOR GENERAL OF AREA CONCERNED

CALIBRATION OF WEIGHTS & MEASURES-WEIGHTS & MEASURES INSPECTOR OF STATE

MORE THAN 10 EMPLOYEES WITH POWER CONNECTION OF 20 EMPLOYEES WITHOUT POWER CONNECTION-CHIEF INSPECTOR OF FACTORIES

ENVIRONMENT & POLLUTION RELATED CLEARANCES- POLLUTION CONTROL BOARD OF STATE

The method of granting consent under water and air pollution to Micro and Small units has been simplified. Except for 17 critically polluting sectors given below, in all other cases SSI units will merely have to file an application and obtain an acknowledgement which will serve the purpose of consent:-

- Fertilizer (Nitrogen\Phosphate)
- Sugar
- Cement
- Fermentation & distillery
- Aluminum
- Petrochemicals
- Thermal Power
- Oil Refinery
- Sulphuric Acid
- Tanneries
- Copper smelter
- Zinc smelter
- Iron & Steel
- Pulp & Paper
- Dyes & Dyes Intermediates
- Pesticides manufacturing & Formulation
- Basic Drugs & Pharmaceuticals

PRODUCT SPECIFIC CLEARNCES:

Establishing A Printing Press	District Magistrate
License For Construction Of Cold Storage	Designated Official In State
Pesticides-Central/State Agricultural Department	M\O Agriculture
Drugs & Pharmaceuticals-Drug License	State Drug Controller
Safety Aitches/Fireworks-License Under Explosives Act	Directorate Of Explosives, Nagpur
Household Electrical Appliances	Bureau Of Indian Standards
Wood Working Industry Within 8 Km From Forest	District Forest Officer
Milk Processing & Milk Products Manufacturing Units	Approval Under Milk & Milk Products Order From State Agricultural/Food Processing Industries Department Above Designated Capacity

QUALITY CERTIFICATION
ISO 9000 Certification:

Quality certification has become extremely important in competitive markets and especially in gaining foothold in exports. To avail the certification of ISO-9000, a unit has to undertake significant costs; the small scale industries have been found wanting mainly on account of resource crunch to implement quality systems to obtain this certification. However, as a paradigm shift, SSI must make 'Quality' a way of life.

It has been decided to push the quality up-gradation programme in the SSI Sector in a big way.

A scheme has been launched to give financial incentive to those SSI units who acquire ISO-9000 certification, by reimbursing 75% of their costs of obtaining certification, subject to a maximum of Rs. 0.75 lacs per unit.

In order to promote modernisation and technology up-gradation in MSMEs, the units are assisted in improving the quality of their products

A new scheme has been launched to assist SSI units in obtaining ISO-9000 or an equivalent international quality standard. Subject to an upper ceiling of Rs. 75,000/-, each unit is given financial assistance equal to 75% of the costs incurred for acquiring the quality standard.

The SSI units are also encouraged to participate in quality awareness and learning programmes organised specially for their benefit.

Some of the National Classification of Industries (NIC) Codes for ready reference is as follows:

- 08106 Operation of sand or gravel pits, basalt / porphyry, clay (ordinary), crushing and breaking of stone for use as a flux or raw material in lime or cement
- 10305 Manufacture of sauces, jams, jellies and marmalades
- 10306 Manufacture of pickles, chutney etc.
- 10307 Canning of fruits and vegetables
- 10406 Manufacture of oil cakes & meals incl. residual products
- 10504 Manufacture of cream, butter, cheese, curd, ghee, khoya etc.
- 10505 Manufacture of ice-cream, kulfi etc.
- 10611 Flour milling
- 10612 Rice milling
- 10613 Dal (pulses) milling
- 10617 Manufacture of flour mixes and prepared blended flour and dough for bread, cakes, and biscuits
- 10618 Manufacture of other readymade mixed powders like idli, gulabjamun etc.
- 10712 Manufacture of biscuits, cakes, pastries, rusks etc.
- 10721 Manufacture or refining of sugar (sucrose) from sugarcane
- 10722 Manufacture of `gur' from sugarcane
- 10733 Manufacture of sugar confectionery (except sweetmeats)
- 10734 Manufacture sweetmeats including dairy based sweetmeats
- 10740 Manufacture of macaroni, noodles, couscous and similar farinaceous products
- 10795 Grinding and processing of spices
- 10796 Manufacture of papads, appalam and similar food products
- 10798 Processing of salt into food-grade salt, e.g. iodized salt
- 10801 Manufacture of cattle feed
- 11041 Manufacture of aerated drinks
- 11043 Manufacture of mineral water
- 11044 Manufacture of ice
- 11045 Manufacture of soft drinks
- 12008 Manufacture of pan masala and related products.
- 12113Preparation and spinning of cotton fiber including blended cotton
- 13114 Preparation and spinning of man-made fiber including blended man-made fiber
- 13121 Weaving manufacture of cotton and cotton mixture fabrics.
- 13124 Weaving, manufacturing of man-made fiber and man-made mixture fabrics.
- 13131 Finishing of cotton and blended cotton textiles.
- 13134 Finishing of man-made and blended man-made textiles.
- 13136 Activity related to screen printing
- 13921 Manufacture of curtains, bed covers and furnishings
- 13924 Manufacture of bedding, quilts pillows, sleeping bags etc.
- 13925 Manufacture of tarpaulin
- 13941 Manufacture of thread, including thread ball making
- 13943 Manufacture of cordage or rope made of coir
- 13946 Manufacture of tapes, newar and wicks
- 13991 Embroidery work and making of laces and fringes
- 13995 Manufacture of made-up canvas goods such tents sails etc.
- 14101 Manufacture of all types of textile garments and clothing accessories
- 14103 Manufacture of hats, caps and other clothing accessories such as gloves, belts, ties, cravats, hairnets etc.

14105 Custom tailoring
 15112 Tanning and finishing of sole leather
 15116 Embroidering and embossing of leather articles
 15121 Manufacture of travel goods like suitcase, bags, holdalls etc.
 15122 Manufacture of purse, ladies' handbags, and artistic leather presented articles and novelties
 15123 Manufacture of saddlery and harness
 15201 Manufacture of leather footwear such as shoes, sandals, chappals, leather cum-rubber/plastic cloth sandals and chappals
 15202 Manufacture of footwear made primarily of vulcanized or moulded rubber and plastic.
 16101 Sawing and planning of wood
 16211 Manufacture of ply wood and veneer sheets
 16213 Manufacture of flush doors and other boards or panels
 16221 Manufacture of structural wooden goods
 16231 Manufacture of wooden boxes, barrels, vats, tubs, packing cases etc.
 16233 Manufacture of market basketry, grain storage bins and similar products made of bamboo or reed
 16293 Manufacture of wooden agricultural implements
 16294 Manufacture of various articles made of bamboo, cane and grass
 17014 Manufacture of packing paper
 17022 Manufacture of corrugated paper board containers
 17023 Manufacture of card board boxes
 17092 Manufacture of paper cups, saucers, plates, hoops, cones and other similar products
 17095 Manufacture of file cover/file boards, and similar articles.
 17097 Manufacture of carbon paper & stationary items
 18115 Printing directly onto textiles, flexographic plastic, glass, metal, wood and ceramics
 18121 Book and other similar sheet binding on account of others
 18122 Engraving and block making etc.
 19202 Manufacture of paraffin wax
 19203 Bottling of LPG/CNG
 20112 Manufacture of inorganic acids except nitric acid
 20114 Manufacture of dyes and pigments from any source in basic form or as concentrate
 20118 Manufacture of synthetic aromatic products
 20121 Manufacture of urea and other organic fertilizers
 20132 Manufacture of synthetic rubber in primary forms
 20211 Manufacture of insecticides, rodenticides, fungicides, herbicides
 20212 Manufacture of disinfectants (for agricultural and other use)
 20221 Manufacture of paints and varnishes, enamels or lacquers
 20223 Manufacture of printing ink
 0231 Manufacture of soap all forms
 20233 Manufacture of detergent and similar washing agents excluding soap
 20235 Manufacture of preparations for oral or dental hygiene
 20236 Manufacture of hair oil, shampoo, hair dye etc.
 20237 Manufacture of cosmetics and toiletries
 20238 Manufacture of "agarbatti" and other preparations which operate by burning
 20291 Manufacture of matches

21002 Manufacture of allopathic pharmaceutical preparations
 21003 Manufacture of 'ayurvedic' or 'unani' pharmaceutical preparation
 21004 Manufacture of homoeopathic or bio-chemic pharmaceutical preparations
 21005 Manufacture of veterinary preparations
 21006 Manufacture of medical impregnated wadding, gauze, bandages, dressings, surgical gut string etc.
 22113 Retreading of tyres, replacing or rebuilding of tread on used pneumatic tyres
 22191 Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile-shapes etc.
 22192 Manufacture of rubber conveyor or transmission belts or belting
 22202 Manufacture of tableware, kitchenware and other household articles
 22203 Manufacture of plastic articles for the packing of goods
 22204 Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics
 22205 Manufacture of travel goods of plastics (suitcase, vanity bags, hold-alls etc.)
 22206 Manufacture of spectacle frames of plastic
 22208 Manufacture of polymer/ synthetic / PVC water storage tanks
 23102 Manufacture of glass fibre
 23103 Manufacture of hollow glassware (bottles, jars etc.) for the conveyance or packing of goods
 23104 Manufacture of laboratory or pharmaceutical glassware
 23105 Manufacture of table or kitchen glassware
 23912 Manufacture of refractory bricks, blocks tiles and similar refractory ceramic constructional goods
 23922 Manufacture of non-refractory ceramic sanitary wares: sinks, baths, water-closet pans, flushing cistern etc.
 23923 Manufacture of non-refractory ceramic pipes, conduits, guttering and pipe fittings
 23931 Manufacture of articles of porcelain or china, earthenware, imitation porcelain or common pottery, including earthen statues
 23932 Manufacture of ceramic tableware and other domestic or toilet articles
 23934 Manufacture of electrical insulators and insulating fittings of ceramics
 23941 Manufacture of clinkers and cement
 23942 Manufacture of portland cement, aluminous cement, slag cement and similar hydraulic cement
 23953 Manufacture of asbestos sheets
 23954 Manufacture of R.C.C. bricks and blocks
 23955 Manufacture of hume pipes and other pre-fabricated structural components of cement and/or concrete for building or civil engineering
 23960 Cutting, shaping and finishing of stone
 24103 Manufacture of steel in ingots or other primary forms, and other semifinished products of steel
 24104 Manufacture of Ferro-alloys
 24105 Manufacture of hot-rolled and cold-rolled products of steel
 24108 Manufacture of wire of steel by cold drawing or stretching
 24311 Manufacture of tubes, pipes and hollow profiles and of tube or pipe fittings of cast-iron/cast-steel
 24320 Casting of non-ferrous metals
 25111 Manufacture of doors, windows and their frames, shutters and rolling shutters, gates and similar articles used on buildings
 25121 Manufacture of metal containers for compressed or liquefied gas

25122 Manufacture of metal reservoirs, tanks and similar containers

25123 Manufacture of central heating boilers and radiators and parts and accessories thereof

25910 Forging, pressing, stamping and roll-forming of metal; powder metallurgy

25931 Manufacture of cutlery such as knives, forks, spoons, cleavers, choppers, razors, razor blades, scissors, hair clippers etc.

25932 Manufacture of hand tools (non-power-driven) for agricultural/horticulture/forestry

25933 Manufacture of hand tools such as pliers, screwdrivers, press tools, blacksmiths' tools, drills, punches, milling cutters etc.

25934 Manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles etc.

25991 Manufacture of metal fasteners

25995 Manufacture of metal sanitary-ware such as baths, sinks, washbasins and similar articles

25996 Manufacture of reinforced safes, vaults, strongroom doors, gates and metal goods for office use (other than office furniture) and other purposes

26101 Manufacture of electronic capacitors, resistors, chokes, coils, transformers (electronic) and similar components

26201 Manufacture of desktop computers, laptop computers, hand-held computers (e.g. PDA), mainframe computers and computer servers

26405 Manufacture of stereo equipment, speaker systems, amplifiers for musical instruments and public address systems, microphones, karaoke machines, headphones (e.g. radio, stereo, computer)

26516 Manufacture of laboratory analytical instruments and miscellaneous laboratory apparatus for measuring and testing such as scales, balances, incubators etc.

26517 Manufacture of industrial process control equipment

26521 Manufacture of watches and clocks, including instrument panel clocks (except time-recording equipment)

27103 Manufacture of electric motors (except internal combustion engine starting motors)

27104 Manufacture of electricity distribution and control apparatus

27310 Manufacture of fibre optic cables for data transmission or live transmission of images

27331 Manufacture of switch, switch box, lamp

27400 Manufacture of electric lighting equipment

27501 Manufacture of domestic electric appliances such as refrigerators, washing machines, vacuum cleaners, mixers, grinders etc.

27502 Manufacture of domestic electro-thermal appliances such as electric water heaters, space heaters, irons, ovens, toasters, microwave ovens etc

27503 Manufacture of electric fans (except exhaust fans)

28110 Manufacture of engines and turbines, except aircraft, vehicle and cycle engines

28131 Manufacture of hand pumps

28132 Manufacture of other pumps, compressors, taps and valves etc.

28140 Manufacture of bearings, gears, gearing and driving elements

28180 Manufacture of power-driven hand tools

28191 Manufacture of refrigerating or freezing equipment for industrial use, including assemblies of major components

28243 Manufacture of earth-moving machinery (bulldozers, angle-doers, graders, scrapers, levellers, mechanical shovels, shovel loaders, off-road dumping trucks etc.)

28246 Manufacture of parts and accessories for machinery/equipment used by construction and mining industries

29201 Manufacture of bodies, including cabs for motor vehicles

29202 Manufacture of trailers and semi-trailers for transport of goods or passengers

29301 Manufacture of diverse parts and accessories for motor vehicles such as brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, catalysers, clutches, steering wheels, steering columns and steering boxes etc.

29302 Manufacture of parts and accessories of bodies for motor vehicles such as safety belts, airbags, doors, bumpers

29304 Manufacture of motor vehicle electrical equipment, such as generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, assembly of purchased gauges into instrument panels, voltage regulators, etc.

30305 Manufacture of parts and accessories of the aircraft and spacecraft

30913 Manufacture of parts and accessories of three wheelers and motorcycles including side cars

30991 Manufacture of vehicles drawn by animals

31001 Manufacture of furniture made of wood

31002 Manufacture of furniture made of cane & reed

31004 Manufacture of furniture primarily of plastic

31005 Manufacture of mattresses and pillows

32111 Manufacture of jewellery of gold, silver and other precious or base metal metal clad with precious metals or precious or semi-precious stones, or of combinations of precious metal and precious or semi-precious stones or of other materials

32120 Manufacture of imitation jewellery and related articles

32502 Manufacture of laboratory apparatus

32901 Manufacture of stationary articles such as pens and pencils

32903 Manufacture of umbrellas, sun-umbrellas, walking sticks and seat-stick

33114 Repair and maintenance of steam or other vapour generators and auxiliary plant for use with steam generators such as condensers, economizers, super heaters, steam collectors and accumulators

33121 Repair and maintenance of engines and turbines excluding aircraft, vehicle and cycle engines

33122 Repair and maintenance of pumps and related equipment, fluid power equipment, valves

33125 Repair and maintenance of mining, construction, and oil and gas field machinery; metallurgy machinery

33129 Repair and maintenance of other special purpose machinery of division 28

33140 Repair of electrical equipment

33150 Repair of transport equipment, except motor vehicles

35105 Electric power generation using solar energy

35201 Manufacture of gas

41001 Construction of buildings carried out on own-account basis or on a fee or contract basis

43211 Installation of electrical wiring and fittings

43213 Installation of street lighting and electrical signals

43214 Installation of fire alarm system and burglar alarm system

43221 Installation of plumbing for water, gas and sanitation equipments

43222 Installation of heating systems (electric, gas and oil), furnaces, cooling towers, non-electric solar energy collectors etc.

43301 Installation of doors, windows, door and window frames, fitted kitchens, of wood or other materials

45200 Maintenance and repair of motor vehicles

49120 Freight rail transport

49223 Rental of private cars with driver

49224 Taxi operations

49226 Passenger transport by man- or animal-drawn vehicles

49231 Motorised road freight transport

49232 Non-motorised road freight transport

52101 Warehousing of refrigerated (cold storage)

52291 Activities of travel agents and tour operators

52293 Activities of movers and packers

52294 Weighing of goods

53200 Courier activities

55101 Hotels and Motels, inns, resorts providing short term lodging facilities; includes accommodation in house boats

56102 Cafeterias, fast-food restaurants and other food preparation in market stalls

56103 Ice cream mobile vendors, mobile food carts

61103 Activities of the cable operators

61104 Activities of providing internet access by the operator of the wired infrastructure

61201 Activities of Internet access by the operator of the wireless infrastructure

62011 Writing, modifying, testing of computer program to meet the needs of a particular client excluding web-page designing

62012 Web-page designing

62013 Providing software support and maintenance to the clients

62091 Software installations

63111 Data processing activities including report writing

63112 Web hosting activities

63114 Providing data entry services

63992 Activities of cyber café

69100 Legal activities

69201 Accounting, bookkeeping and auditing activities

69202 Tax consultancies

71100 Architectural and engineering activities and related technical consultancies

71200 Technical testing and analysis

73100 Advertising

74101 Fashion design related to textiles, wearing apparel, shoes, jewellery, furniture and other fashion goods as well as other personal or household goods

74102 Activities of interior decorators

74103 Services of graphic designers

74201 Commercial and consumer photograph production

77100 Renting and leasing of motor vehicles

77220 Renting of video tapes and disks

77291 Renting of tent, furniture, pottery and glass, kitchen and tableware, utensils, household electrical and electronic equipments etc.

77292 Renting of books, journals and magazines

77301 Renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries

79120 Tour operator activities
82191 Photocopying, duplicating and blue printing services
82192 Document preparation, typing, word processing and desktop publishing services
82920 Packaging activities
85223 Professional motor driving schools
85491 Academic tutoring services
86100 Hospital activities
86201 Medical practice activities
86202 Dental practice activities
86901 Activities of Ayurveda practitioners
86903 Activities of homeopaths
86904 Activities of nurses, masseurs, physiotherapists or other para-medical practitioners
86905 Activities of independent diagnostic/pathological laboratories
86906 Activities of independent blood banks
95111 Repair and maintenance of computer and peripheral equipment
95120 Repair of communication equipment
95210 Repair of consumer electronics
95221 Repair and servicing of household appliances (refrigerators, stoves, washing machines, clothes dryers, room air conditioners, etc.)
95230 Repair of footwear and leather goods
95291 Repair of bicycles
96020 Hairdressing and other beauty treatment
96903 Shoe shiners, porters, valet car parkers etc.

CHAPTER 8

CONCLUSION

District Industrial Potentiality Survey Report of Banaskantha district consist of Eight Chapters along with Annexure. Very sincere endeavours are made to disseminate significant information on population, available resources and infrastructure facilities available in the district.

There has been specific focus given upon the present industrial structure of the district in respect of Small, Medium and Large Scale industries.

The Report also indicates the industrial potentialities in the district based on available natural resources and based on demand as well in the SMEs and ancillary industries in the district. I firmly believe it will be helpful to the existing entrepreneurs as well as the fresh entrepreneurs of the district.

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