

## **District Industrial Potential Survey Report of Botad District**

2016-17



## **MSME – DEVELOPMENT INSTITUTE**

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## FOREWORD

The role of MSMEs in the economic and social development of the country is widely acknowledged. MSMEs contribute 8 percent of the country's GDP, 45 percent of manufactured output and 40 percent of exports. The labour to capital ratio in MSMEs is much higher than in large industries. Moreover, MSMEs are better dispersed. Hence, MSMEs are going to play vital role for achieving the national objective of inclusive and sustainable growth. DC (MSME) is focusing on implementation of different policies/ schemes at the ground level. The growth of the MSME sector will reach greater heights, if stress is given on all key identified challenges such as finance, infrastructure, technology, procurement, skill development. etc.

District Industrial Potential Survey Report of Botad District has been prepared by this Institute under Action Plan Targets 2016-17. This report provides valuable information on Resources, Infrastructure, Present Industrial Structure, and Potential available in Botad District.

It is hoped that the District Industrial Potential Survey Report of Botad will be helpful to the entrepreneurs, policy makers, institutions / other stake holders engaged in the developmental activities of MSMEs. It is also hoped that the report will enable entrepreneurs to get advantages or benefits of various schemes of Central Govt., State Govt. and other agencies for the Industrial development & growth.

We are grateful to the various Central Govt. offices, State Govt. offices, Lead Bank, DIC and Several Institutions, Chamber of Commerce & Industries Associations for supporting us by providing information and details.

I place on record my appreciation for Shri S.D.Ramavat, Investigator (EI) who has put in lot of commendable efforts in preparing this report in spite of stipulated rigid time period.

I sincerely hope that this report will be useful to all, connected with the development of industrial sector. This report will also serve as a valuable guide to the prospective entrepreneurs who are desirous of setting up industries in Botad District.

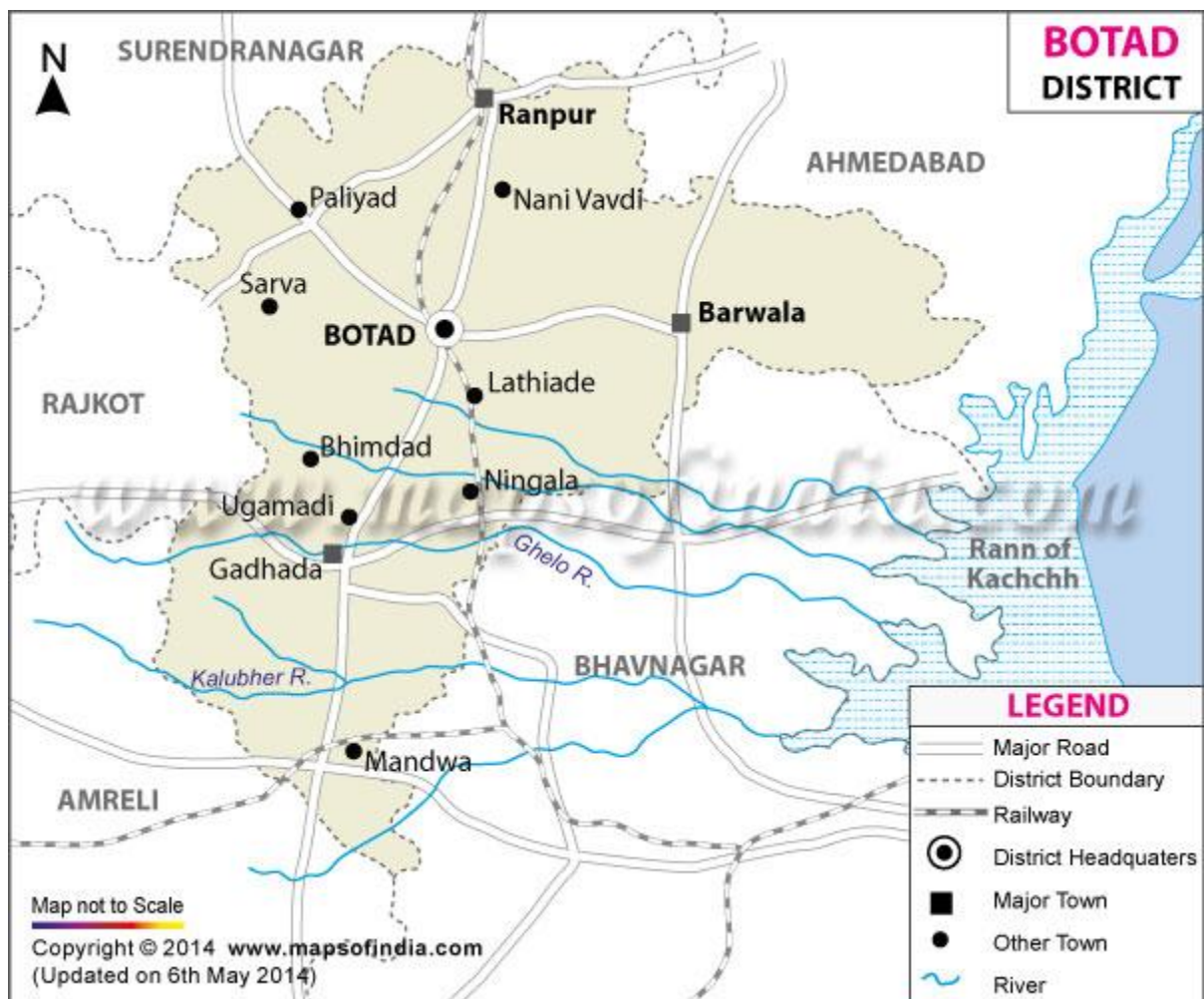
Ahmedabad  
June, 2016

  
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9. District (Road and Building) Division, Botad
10. Gujarat Energy Transmission Corporation. Ltd., Botad
11. GM, BSNL Telecom District, Botad
12. Dy. Conservator of Forest, Botad
13. District Statistical Office, Jilla Panchayat, Botad
14. District Rural Development Agency, Botad
15. GIDC, Bhavnagar
16. Directorate of Census Operations, Gujarat, Gandhinagar
17. NABARD, Bhavnagar
18. District Education Office, Botad
19. Primary Education Office, Botad
20. Supdt. of Post Office, Botad



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## **CHAPTER – I**

### **Botad District at a Glance**

Sr.No	Particulars	Unit	Statistics
1(A)	Geographical Data		
	i) Latitude	Degree	20.59° to 22.16°North
	ii) Longitude	Degree	71.23° to 72.18°East
	iii) Geographical Area	Sq. Km	2564
(B)	Administrative Units		
	i) Tehsils (Blocks)	Nos.	04
	ii) Nagar Palika	Nos.	3
	iii) Gram Panchayats	Nos.	179
	iv) No. of Village	Nos.	189
	V) Revenue Village	Nos.	188
2.	Population		As per 2011 Census
(A)	Sex-wise		
	i) Male	Persons	337234
	ii) Female	Persons	318771
(B)	Rural Population	Persons	209542
(C)	Urban Population	Persons	444272
3.	Agriculture		
A.	Land utilization		2015-16
	i) Total Area	Hectares	260000
	ii) Forest cover	"	5527
	iii) Non Agriculture Land	"	15355
	iv) Cultivable Barren Land	"	9635
4.	Livestock & Poultry Cattle		As per 2012 Census
	i) Cows	Nos.	155276
	ii) Buffaloes	Nos.	70934
	iii) Goats	Nos.	54407
	iv) Ship	Nos.	19477
	ii) Pigs	Nos.	N.A
	iii) Dogs & Bitches	Nos.	N.A
	i) Length of rail line	Kms.	53
5.	Roads		2015-16
	(a) National Highway	Kms.	Nil
	(b) State Highway	Kms.	322
	(c ) Main District Highway	Kms.	408
	(d) Other district & Rural	Kms.	332
	(e) Rural road/Agriculture Marketing Board Roads	Kms.	328
	(f) Kachacha Road	Kms.	27.61
6.	Post Offices	Nos.	122

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7.	Public Health	2015-16		
	(a) Allopathic Hospital	No.	01	
	(b ) Ayurvedic Hospital	No.	06	
	(c) Community health centers	No.	05	
	(d) Primary health centers	No.	15	
	(e) Dispensaries	No.	70	
	(f) Sub Health Centers	No.	NA	
	(g) Private hospitals	No.	NA	
7.	Banking Commercial	2015-16		
	(a) Commercial bank	Nos.	31	
	(b) Regional Rural Bank	Nos.	06	
	(c ) Co-Operative Bank	Nos.	25	
	(d) Co-Operative Bank & Rural	Nos.	02	
	(e) Others	Nos.	08	
	(IX) Education	2015-16		
	(a) Primary Schools	Nos.	302	
	(b) Middle Schools	Nos.	104	
	(c ) Sec. & Sr. Secondary School	Nos.	68	
	(d) Colleges	Nos.	24	
	(e) Technical University	Nos.	00	
8.	<b>Industries as on30.11.2014</b>	No. of units	Investment Rs. in Lacs	Employment
	Micro Enterprises	65	1616.86	834
	Small Enterprises	71	12881.53	869
	Medium Enterprises	-	-	-

## **CHAPTER – II**

### **INTRODUCTION**

#### **Background, Objective, Scope & Methodology:**

The importance of sustainable industrial development for socio-economic development needs no elaboration. The industrial development takes place with the availability of natural, human, mineral resources, etc. However, this will always remains scanty. According to Lionel Robinson in the scarcity definition of economics that “economics is a study of how man manages to satisfy by utilizing scarce resources, which are limited in supply”. One of the principal objectives of planned development has been the regional balance or reduction of disparities among the different regions of the Gujarat State. Removal of regional disparities and all round sectoral development presuppose optimal allocation of resources aimed at equitable growth.

The industrial development of the economy plays pivotal role and small scale industry has been adopted as a policy goal in many countries including India. A key position has been accorded to this sector in Indian Plans for achieving such objectives such as removal of unemployment, decentralized growth, reduction of inequalities etc. The concept of small scale industries was developed basically with the presumption that small scale unit inherently possesses certain economic advantages which justify its existence and if initially given protection from the grabbing and bullying attitude of the large scale sector, economically viable than its large competitor.

For the promotion of industrial development, a number of fiscal incentives are being offered by the Central and State Government. The Financial Institutions are also offering the incentives, after assessing the potentials in relation to human resources and natural endowments for development and facilitate optimum utilization of scarce financial resources by channeling the same into sector with growth potential etc.



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It is a recognized fact that mere offering of financial incentives will not be sufficient in promoting industrial development. It is essential to undertake considerable amount of work of identification of prospective industries based on local resources, identification of suitable locations having basic infrastructure facilities etc.

The objective of preparing this report is to document the resources available in Bhavnagar District and the potentials that exist for industrial and economic development of the district.

The report is techno-economic in character rather than a statistical presentation and is intended provisionally for the entrepreneur, government and non-governmental agencies as a tool for planning and programming development activities.

The report is prepared based on both primary and secondary sources apart from exhaustive reference and available literature on the district. The survey included field visits involving data collection from promotional agencies and Government departments.

**CHAPTER – III****DISTRICT PROFILE****3.1 Location & Geographical Area**

Botad District is one of the new districts formed on 15th August 2013 of the Vibrant Gujarat. The District is surrounded on the north by Surendranagar and Ahmedabad district, on the South by Amreli district, on east by Bhavnagar district and on the west by Rajkot district. It has a geographical area of 2564 Sq. Kms.

**3.2 Climate and Rainfall**

The District has extreme climate and wide variation in temperature during summer and winter is observed. The average minimum and maximum temperature ranges between 9 'C to 45"C. The Rain fall is highly irregular resulting into frequent drought conditions in most parts of the district particularly in Ranpur and Barwala Talukas.

**3.3 ADMINISTRATIVE SET UP:**

Botad is the headquarter of the Botad district. For administrative purpose, the district is divided in to 04 strata called blocks or Talukas. Botad city is well known for cotton business in Gujarat. The Botad District consists of 185 villages as under:

<b>Sr.</b>	<b>Blocks</b>	<b>Villages</b>
1	Botad	52
2	Gadhada	74
3	Barwala	26
6	Ranpur	33
	<b>Total</b>	<b>185</b>

The District Collector is the overall administrative head. Down below there are various district level officers of the State Government to perform/execute the various regulatory/development functions assigned to them. The DIC is one of such district level office headed by an official of the State Govt. designated as General Manager with whom a number of functional managers work for the promotion and development of industrial and commercial enterprises in the district.

**3.4 OCCUPATIONAL PATTERN:**

Major portion of the population is dependent on agricultures and allied activities

### **3.5 SOIL:**

The types of soil in Botad district is generally alkaline, organic carbon and nitrogen content of soil is medium, phosphorous content is low and potash is high. The overall fertility is satisfactory which is suitable for early monsoon crops like Cotton, Bajra and Jowar and also wheat, groundnuts cumin pulses, etc.

### **3.6 CROPPING PATTERN:**

Mainly cotton is the most commonly sown crop in this area. Because it gives good return in market and the Botad is mainly famous for cotton business. The ground nuts, bajra, jowar and wheat are sown according to irrigation facility available.

### **3.7 Availability of Minerals:**

Important minerals available in the district are Building Stone and Black Trap.

Following table shows availability of minerals-2014-15:

Sr.No.	Name of the Mineral	Production M.T	Royalty (Rs.)
1	Building Stone	18555	334000
2	Black Trap	927760	23194000
3	Ordinary Send	511333	6136000
4	Ordinary Clay	277	554000

## CHAPTER – IV RESOURCES

Industrial development depends upon availability of human resources and material resources like Agriculture, Horticulture, Minerals, Forest, Salt, Fisheries etc. In this chapter, a detailed study of available resources in Botad district has been covered as given below:

### A. HUMAN RESOURCES:

#### Population and occupational Pattern:

Population as per 2011 Census of Botad district is as under:

Important Statistics	2011
Persons	653814
Male	336031
Female	317783
Sex Ratio	1000 : 946
Rural Population	444272
Rural Population-Male	227404
Rural Population-Female	216868
Urban Population	209542
Urban Population-Male	108627
Urban Population-Female	100915
Literacy Rate	73.05
Literacy Rate-Male	82.41
Literacy Rate-Female	63.24

The total Population of the district's 6.53 lacs as per 2011 Census. Out of the total population of 3.36 lacs, the percentage of male population comes to 3.17 and female population works out to 6.53. The male-female ratio is 946. Out of the total population of Botad district, there are 444272 rural and 209542 urban.

**B. MATERIAL RESOURCES:**

Major characteristics of the district in relation to the economic resources are Agriculture, Livestock, Fisheries, and Horticulture etc. Economic resources are important means of subsistence for the working people in the district. The details about economic resources of important sectors are given hereunder:

**AGRICULTURE:**

Agriculture and its allied activities are the main occupation in the district.

**1) Land Utilization Pattern during the year 2014-15 :**

Sr. No	Type of Land	Area in Hectors
1	Total Reported Area	260000
2	Forest Land	5527
3	Area Not Available Cultivation	15355
4	Permanent Pasture and Grazing Land	14300
5	Land under Miscellaneous Tree Crops	-
6	Cultivable Wasteland	9635
7	Current Fallow	15859
8	Other Fallow Land	429
9	Net Sown Area	198900
10	Total or Gross Cropped Area	234700
11	Area Cultivated more than once	35800
12	Cropping intensity(GCA/NSA)%	118

## **2. Principal crops**

Land Development comprises all the activities undertaken by farmers to improve productivity of land, to prevent erosion and to improve land quality. Soil and water being the two basic factors of agricultural production need to be conserved well and used carefully to ensure sustained level of production and productivity. Land Development activities aim at improving the land and water resources and in turn increase the production and productivity of the crops. Land Development covers a variety of activities like land levelling and on farm development works (OFD), soil reclamation and land improvement, integrated farm development, soil and water conservation, watershed development, water management, fodder development, etc. The district offers scope for improvement of the quality of the soil by adopting organic farming. Around 70% area of the district is rain fed and therefore, on farm development on watershed basis and dry land farming assumes importance for augmenting the agricultural production and productivity. Excess use of irrigation water and chemical fertilisers has also affected the land fertility.

### **Area and Production of principal crops during 2014-15**

Gross cropped area and seasons-wise crops grown in the district during 2014-15

<b>Sr.No.</b>	<b>Major Crops</b>	<b>Area (Hectares)</b>	<b>Production (M.T)</b>
1	Wheat	1850	3700
2	Bajara	4806	6248
3	Tuvar	249	174
4	Jingly	15180	7590
5	Cotton	148029	207241
6	Gram	510	306

Source: Agriculture Department, Botad

### **3) Irrigation:**

Out of 4 blocks in the district, two blocks, viz., Ranpur falls under critical (level of ground water between 90% to 100%) category and Barwala under semi critical (level of ground water between 70% to 90%) category. The remaining two blocks are under safe category where ground water development is less than 70%. After formation of the District, the provision of water from Narmada may improve the situation.

### **4) PLANTATION AND HORTICULTURE CROPS:**

Horticulture is widely heralded as the sector that provides dynamic tool for improving economic conditions of the farmers ensuring higher returns both in quantitative and value terms. The sector also facilitates diversified opportunities with high value crops, generating employment, ensuring nutritional security and ecological sustainability; and enhancing the export earnings. Horticultural production in the country has shown a compounded annual growth rate of 6.44 % during the last ten years. The estimated demand for fruits and vegetables by 2016-17 is 258 million tonnes while that of 2020-21 is estimated to touch 313 million tonnes against the current production of 243.46 million tonnes. Horticulture contributes 11% share in area and about 20% share in overall farm income of the state. The 12th Five Year Plan has set a target of 8% growth over the five year period 2012-13 to 2016-17.

The district offers good scope for horticulture activities especially for custard apple, guava and lime cultivation and processing. Gadhada and Botad blocks offer major scope for development under this activity. There is a greater scope for development of plantation of guava, custard apple and pomegranate in the district. As per Department of Horticulture, GoG statistics for the year 2012-13, the undivided Bhavnagar district accounts for 37% of custard apple, 33% of guava, 16% of lime, 14% of Ber, 9% of Sapota and 57% of onion in the fruit production of Gujarat. As Botad district was formed on 15 August 2013, the district-wise data on area and production of horticultural crops is not available with the Department in view of which the representative data in respect of undivided Bhavnagar district.

The tables given below highlights area and production of horticulture crops in the district during 2013-14.

<b>Sr. No</b>	<b>Name of Fruit Crop</b>	<b>Hectare</b>	<b>Production(M.T.)</b>
1	Mango	6500	52000
2	Sapota	2670	26000
3	Lemon	7150	70655
4	Ber	1576	17336
5	Guava	3930	46890
6	Papaya	684	28728
7	Custard Apple	1560	19500
8	Coconut	3590	35084
10	Pomegranate	506	4048
11	Banana	2080	93600
	Total	28014	370253

## 5) Live Stock

In Botad district as per 19<sup>th</sup> Cattle Census conducted in 2012, total Livestock population is 1,140,819.

### A. Category-wise break-up:

Sr.No.	Name of Species	No.of Animals
1	Cattle	155276
2	Buffaloes	70934
3	Sheep	19477
4	Goa	54407
7	Camel	40
10	others	1308
	Total	301442

### B. Dairy Development :

There are 18 Milk routes covering 169 villages (No. of Mandalies 169). All milk routes are diverted to Ahmedabad Distinct Milk Co. Op. Union (UTTAM DAIRY) as Bhavnagar Dairy is closed cvfrom 25<sup>th</sup> December 1999 because of incurring losses. Private dairies are functioning in the district with Brtand Name Gaurav, Rajwadi, etc. Amul Brand milk has also good market in the district. Present procurement of milk is 35000 liters per day which is diverted to Uttam dairy, Ahmedabad

### C. Views about the development of Animal Husbandry based industries:

Animal Husbandry activities in the district helps to families of all categories viz. landless labourers, marginal and small farmers and major farmers are receiving supplementary income from milk, meat and poultry products. Some families are gaining from sale of milk, wool and meat of Sheep's and Goats. Some families are gaining from dockyard and small scale poultry farming.

Animal Husbandry also helps all families to provide good/high value nutrition to good animal proteins, vitamins and minerals. This helps to maintain nutritional status of individuals and helps to improve human development index also.



## CHAPTER - V

### INFRASTRUCTURE FOR INDUSTRIAL DEVELOPMENT

Infrastructure facilities are pre-requisite for industrial development. The industrialization cannot take place in the absence of infrastructural facilities. The infrastructural facilities include availability of good road, road transport, railway, water, communication, power, technical institutions, industrial estates, banking facilities etc. In Botad District, the existing facilities are elaborated as under:

#### 4.1. **Land:**

Availability of suitable land for starting industries at reasonable price facilitates industrial development of an area. In Botad district, fallow and uncultivated land is available in adequate quantity which could be utilized for setting up industries without encroaching on cultivable land. The availability of such land in Botad district is furnished below:

#### Availability of land in Botad District

Sr. No.	Category	Area (Ha.)
1.	Land not available for cultivation	15355
2.	Fallow land	15859
Total		237

From the above table, it is already evident that 15355 Ha. Of land is not available for cultivation. 15859Ha. Of fallow land are readily available in the district. This can be demarcated exclusively for industrial in the district.

#### 4.2. **Factory Accommodation:**

Availability of suitable factory accommodation in the form of industrial sheds is one of the important incentives for setting up of small scale industries. The Gujarat Industrial Development Corporation (GIDC) is providing industrial plots for factory accommodation in the industrial estates as detailed under:

#### Existing Status of Industrial Areas in the Botad District

S.No.	Name of Ind. Area	Land acquired (In hectare)	Land developed (In hectare)	Prevailing Rate Per Sqm (In Rs.)	No. of Plots	No. of allotted Plots	No. of Vacant Plots	No. of Units in Production
1	Botad	6	6	395	47	47	00	35

Source :- GIDC Bhavnagar

#### 4.3. **Water:**

Water is very important for industrial development as mentioned earlier. Botad district receives rain fall. The requirement of water for drinking, irrigation and industries are met by dig wells, bore wells and Narmada Canal Branches and other Canals. Industrial activities need plenty of water for its various uses. Govt. has taken up major and medium irrigation projects and it is hoped that the water problems in Botad district will be solved to a great extent.

#### 4.4. **Power:**

Power supply is the chief necessity for the economic development in the district. The main source for the power supply is Gujarat Energy Transmission Corporation Limited. Facilities of electricity have increased considerably in the rural area of the district. All the villages and towns in the district have been electrified for all purpose.

The main source of energy is electricity which is met through sub-stations of Botad & Gadhada of this district is 100% electrified. Another source of energy is coal and crude. Supply of coal is irregular, insufficient and the coal supplied is of lower quality resulting in high cost of production and uncertainty and supplying finished goods. Though all the villages in the district have been electrified, but due to insufficient and erratic power supply, energisation of wells/bores is permanent problem. Farmers are not able to precede in their long term plans to increase agriculture productions.

#### 4.5 **(i) Rail Network:**

There are broad-gauge railway track of 53 kms length and Medial-gauge railway track of 32.40 kms. Length having 7 railway station.

#### **(ii) Road Network:**

Good roads are must for industrialization which in turn facilitates transportation and development of trade and commerce. The developments of roads are looked after by different departments in the district. The National Highway is looked after by CPWD. The State Highways are looked after by PWD and roads in the other parts of the district by District Panchayat Office. The details of roads in the different categories are as given below:

Category-wise length of roads in the district :

<u>Sr.No</u>	Types of roads	Length of roads in Kms
1.	National Highways	-
2.	State Highways	322
3.	Major District Roads	408
4.	Other District Roads	332
5.	Village Roads	328
	Total	1390

Source: E.E. (R&B), Jilla Panchayat, Botad.

**(iii) Road Transport:**

Transportation facilities are very much essential for socio-economic development of the area. It includes provision of bus facilities for carrying industrial workers from their area to the location of industrial units. The truck carrier facilities in the area are also essential for development of industries because it provides facilities for transportation of raw materials and products from one place to other places. Buses of Gujarat State Road Transport Corporation (GSRTC) ply regularly between different towns and villages in the district.

**4.6 Communication:**

**(i) Post Facilities**

Taluka wise postal facilities available in the Dahod Division are as under.

SL No.	Name of Taluka	No. of Post Offices	No. of Post Offices (Branch)
1	Botad	4	27
2	Gadhada	5	39
3	Barvara	3	17
4	Ranpur	2	25
	Total	14	108

II) COMMUNICATION: It is needless to mention that in a new era communication has played a vital role to join with the world in minutes. Botad district is facilitated with Post & Telephone facilities. District HQ have STD/ISD facilities. Moreover all Taluka centers and most of villages are also having STD/ISD facilities. All type of communication like mobile phones, Internet, Telephone, Wireless, facilities are available at the district. Communication giants like Air Tel, BSNL, VODAPHONE, IDEA, RELIANCE, TATA have started rendering Mobile communication services.

#### **4.7 Educational Facilities:**

The role of Educational Institutions and Technical Training Institutes are very much vital for industrial development in the area. Healthy facility of Educational Institutes supply inched human force as far as intellectual, technical and skill aspect is concerned.

The details of schools available in district as 2014-15 are as under:

Sr.No.	Description	Nos.
1	Primary Schools	302
2	Secondary Schools	104
3	Higher Secondary Schools	68
4	Colleges	24
5	I.T.I.s	04

Source: Dist. Primary Education Office & Dist. Education Office, Botad

#### **4.8 Banking & Finance:**

Finance is the most important item for industrial development to meet the financial need of Botad district. A large number of banks are functioning under the lead bank scheme of Reserve Bank of India. Dena Bank has been assigned the role of coordinating the activities of various financial institutions for the development purpose of the district. It has so far prepared a number of action programme embracing all economic activities. The growth of financial institutions in any region is an important indicator of economic development and progress of that region. The capacity of people to generate and save money has a direct bearing on their economically being. This is reflected in the volume of operations handed by the various financial institutions operating in that area.

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Area wise allocation of Banks is as under: 2015-16

Name of Bank	Rural	Semi Urban	Urban	Total
BANK OF BARODA	1	2	0	3

BANK OF INDIA	2	2	0	4
CANARA BANK	0	1	0	1
CENTRAL BANK OF INDIA	0	1	0	1
DENA BANK	11	3	0	14
STATE BANK OF INDIA	3	6	0	9
VIJAYA BANK	0	1	0	1
IDBI BANK	0	1	0	1
DCCB	19	6	0	25
GSCARDB	0	2	0	2
SAURASHTRA GRAMIN BANK	5	2	0	6
AXIS BANK	3	2	0	5
HDFC BANK	0	1	0	1
ICICI BANK	2	2	0	4
<b>GRAND TOTAL</b>	46	32	0	78

#### 4.9 **Marketing & Co-operatives:**

Botad is the District Head-quarters have well developed market catering services to the people in the district. There are 3 regulated market yards and Rural/Urban Mandi for handling produce of 185 villages in the district.

There are 3 Primary Agri.Credit societies (PACS) and Farmer Clubs have been registered in the district handling sale of fertilizers, seeds, insecticides, cement, pesticides, sprayers, dusters, other agricultural equipment's etc. There were 22 milk producing co-op. societies.

The Co-operative movement embraces in its fold almost all the villages and towns in the district.

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#### **Group wise Co-operative Societies in Botad District-31/3/2016**

<b>Sr.No.</b>	<b>Category</b>	<b>No. of Societies</b>
1	Large Multipurpose Agricultural Co-Operative Credit Societies	03
2	Citizen Co-Operative Bank	03

3	Service parson Finance Societies	50
4	Other Finance Co-Operative &n Societies Co-op. Credit Societies	39
5	Fruits and vegetable Societies	02
6	Milk Production Societies	22
7	Primary Fisheries Societies	01
8	Housing Construction Societies	37
9	Lab our Societies	14
10	Irrigation Societies	11
11	Co-operative Union	01
12	Processing Societies	08
13	Milk Union	01
14	Gopalak Societies	03
15	Customer Bhandar Societies	09
16	Transportation Societies	00
17	Other Co-operative Societies	09
	<b>Total</b>	<b>213</b>

(Source: District Registrar, Co-operative Societies, Botad)

**Government of Gujarat, Industries & Mines Department has Notified New Industrial Policy 2015 with the objectives to assist and enhance the competitiveness, development and overall growth of MSMEs in Gujarat.**

### **The New Industrial Policy – 2015**

#### **VISION**

'Gujarat' is as a globally competitive and innovative industrial destination that stimulates 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.

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#### **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

**Being an industrialized state, Gujarat needs to have a strategy which can support industrialization through higher value addition. Accordingly, the salient features of strategy are:**

- 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

Micro, Small and Medium Enterprises (MSME) Facilitation Desk – A Novel initiative of Government of Gujarat

To cater to the need of the hour, Honourable CM, Anandiben Patel in her vision of progress launched the “MSME Facilitation Desk” on 5<sup>th</sup> February, 2015 to assist the process of setting up a business unit till its commissioning.

The challenges faced by MSMEs are scaling up day by day. Realizing this, the Central and State governments have provided several incentives for the MSME industries over the years.

To address various concerns of MSMEs, a dedicated team of professionals has been formed to put in efforts for providing assistance to the MSME industry of the State. Four regional desks have been placed at district level in Ahmedabad, Surat, Vadodara and Rajkot to provide hand-holding assistance at local level in order to achieve a better reach to the MSME industries.

All the services offered at the desks are free of cost for anyone willing to set up or expand their business. Services include creating awareness and helping and extending them hand holding support in the state of Gujarat.

□ Objective of MSME Facilitation Desk The core objective of the desk is to facilitate the prospective investor/ entrepreneur in the process of setting up or expanding his/ her business.

.19.

#### **SCHEMESFORNEWINDUSTRIAL POLICY 2015**

##### **1. Assistance for Micro, Small and Medium Enterprises (MSMEs)**

- [Government Resolution No. SSI-102014-924840-CH, Dt 19-01-2015](#)
- [Schemes](#)

##### **2. Scheme for Market Development Assistance**

- [Government Resolution No. GFC-102014-923625-P, Dt 27-02-2015](#)

○	<a href="#">Circular for approval of exhibition for scheme no IC/MSME/T.2/1074916, Dt 20-05-2015</a>	
3.	<b>Schemes for Assistance to MSEs for Shed and Plot developed By</b>	Sc
4.	<b>Private Developer</b>	Pr
○	<a href="#">Government Resolution No. MIS/102014/430906/CH, Dt 10-03-2015</a>	
○	<a href="#">Schemes</a>	
5.	<b>Schemes for Assistance Labour Intensive Industries</b>	
○	<a href="#">Government Resolution No. MIS/102014/924881/I, Dt 28-01-2015</a>	
○	<a href="#">Schemes</a>	
6.	<b>Assistance for Common Environmental Infrastructure</b>	
○	<a href="#">Government Resolution No. GID/102014/922945/G, Dt 19-01-2015</a>	
○	<a href="#">Schemes</a>	
7.	<b>Assistance for Industrial Infrastructure</b>	
○	<a href="#">Government Resolution No. GID-102014-922908-G, Dt 19-01-2015</a>	
○	<a href="#">Schemes</a>	
8.	<b>Scheme for Assistance for Research and Development Activities</b>	
○	<a href="#">Government Resolution No. GID-102014-922999-G, Dt 19-01-2015</a>	
○	<a href="#">Schemes</a>	
9.	<b>Scheme for Assistance for Environment Protection Measure</b>	
○	<a href="#">Government Resolution No. GID-102014-922884-G, Dt 19-01-2015</a>	
○	<a href="#">Schemes</a>	
10.	<b>Scheme for Financial Assistance to Industrial Park</b>	
○	<a href="#">Government Resolution No. GID-102015-893580(1)-G, Dt 21-04-2015</a>	
○	<a href="#">Schemes</a>	
11.	<b>Scheme for Financial Assistance to Logistic Park</b>	Sc
○	<a href="#">Government Resolution No. GID-102015-893580(2)-G, Dt 21-04-2015</a>	
○	<a href="#">Schemes</a>	
12.	<b>Scheme for Awards to MSMEs and Export Awards</b>	
○	<a href="#">Government Resolution No. SSI-102014-924854-CH, Dt 19-01-2015</a>	
○	<a href="#">Schemes</a>	
13.	<b>Scheme for Financial Assistance to Plastic Industry</b>	
○	<a href="#">Government Resolution No. MIS-102014-924790-I, Dt 27-01-2015</a>	
○	<a href="#">Schemes</a>	
14.	<b>Scheme of Assistance to Micro and Small Enterprise (MSMEs) for Shed and Plot developed by GIDC</b>	
○	<a href="#">Government Resolution No. MIS/102015/430906/CH, Dt 10-03-2015</a>	
○	<a href="#">Schemes</a>	
15.	<b>Scheme for Assistance to Start Ups/Innovation</b>	
○	<a href="#">Government Resolution No. MIS-102014-924909-I, Dt 27-01-2015</a>	
○	<a href="#">Schemes</a>	
○		

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## CHAPTER – VI

### PRESENT INDUSTRIAL STRUCTURE

#### 5.1 MSME Act 2006:



Since the land is limited, industry provides alternative activities for economic development of the district. The district administration is attracting new entrepreneurs through various benefits of cash subsidy, tax exemptions concessional rates of interest and other liberalized terms and conditions. This has provided very good opportunities for industrialization of the district.

### **Micro, Small & Medium Enterprises**

Government of India under the Ministry of Micro, Small and Medium Enterprises have in October, 2006 enacted Micro, Small and Medium Enterprises Development Act 2006. Under the Act Micro, Small and Medium Enterprises are classified as under:

<b>Enterprises</b>	<b>Investment in Plant &amp; Machinery (Manufacturing)</b>	<b>Investment in Equipment (Service)</b>
Micro	Up to Rs.25 lakh	Upto Rs.10 lakh
Small	Above Rs.25 lakh up to Rs.5 Crore	Above Rs.10 Lakh up to Rs.2 Crore
Medium	Above Rs. 5 crore up to Rs.10 crore	Above Rs. 2 crore up to Rs.5 crore

The 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 concerned is required to file Entrepreneurs Memorandum (EM) Part-II. Earlier there was a system of granting registration to small scale industrial units by the District Industries Centre. These units are now required to file EM Part-II as Micro, Small or medium enterprises as classified above. Over a period of time, Gujarat has registered a sizeable growth of SME sector.

Following the enactment of the MSME Development Act from 2.10.2006, registration of all the MSMEs came within the purview of the Industries Commissioner ate.

Following tables presents the details of the of MSMEs Registrations in Botad District from 2-10-2006 to 20.10.2015

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#### **(A)Progress in Micro Enterprises Registration :**

<b>Year</b>	<b>No of Regd. Units</b>	<b>Investment(Rs. In Lakhs)</b>	<b>Employment</b>
-------------	------------------------------	-------------------------------------	-------------------

2010-11	3	10.00	113
2011-12	9	197.50	66
2012-13	17	420.00	127
2013-14	15	311.75	90
2014-15	20	667.61	436
2015-16 (up to 20/10/2015 )	1	10.00	2
Total	65	1616.86	834

**(B)Progress in Small Enterprises Registration:**

Year	No of Regd. Units	Investment(Rs.InLakhs)	Employment
2010-11	1	35.00	7
2011-12	4	497.5	69
2012-13	13	2238.85	182
2013-14	28	4491.99	345
2014-15	17	4139.82	176
2015-16 (up to 20/10/2015 )	8	1478.37	90
Total	71	12881.53	869

**(C)Progress in Medium Enterprises Registration:**

Year	No of Regd. Units	Investment(Rs.InLakhs)	Employment
2010-11	-	-	-
2011-12	-	-	-
2012-13	-	-	-
2013-14	-	-	-
2014-15	-	-	-
2015-16 (up to 20/10/2015 )	-	-	-
Total	-	-	-

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**(D) Udyog Aadhaar Memorandum:**

As a part of Ease of Doing Business now Enterprise acknowledgements are made further simpler

and easy under MSME Act 2006. Now, Ministry of MSME has notified a one-page Udyog Aadhaar Memorandum (UAM) through the Gazette of India on 18/09/2015. The simplified one page registration form (Udyog Aadhaar Memorandum) was prepared after wide consultations with States/UTs and other stakeholders. The UAM replaces the filling of EM Part I & II.

Udyog Aadhaar Memorandum on <http://udyogaadhar.gov.in> or National Portal <http://msme.gov.in/UA/UdyogAadhar-New.aspx>

The procedure for filling of Udyog Aadhaar Memorandum is as under:

- 1) There is no any fee for filling of Udyog Aadhaar Memorandum
- 2) Udyog Aadhaar Memorandum shall be filed online at <http://udyogaadhar.gov.in> or <http://msme.gov.in/UA/UdyogAadhar-New.aspx> National Portal <http://msme.gov.in/UA/UdyogAadhar-New.aspx> by every MSME but in exceptional cases where online filing is not possible for any reason, a hard copy of the form as in Annexure I, duly filled in may be submitted to the Concerned DIC which shall file the UAM on behalf of such enterprise.
- 3) Udyog Aadhaar Acknowledgement as per Annexure II appended to this shall be generated and mailed to the email address provided in the Udyog Aadhaar Memorandum which shall contain Unique Udyog Aadhaar Number.
- 4) Existing enterprises, which have filed EM -I or EM-II or both, or holders of Small Scale Industry registration, prior to the coming into force of MSME Development Act, 2006 shall not be required to file Udyog Aadhaar Memorandum.
- 5) In UAM, the Aadhaar Number shall be of the managing partner, in case of proprietary enterprise, of the authorized partner, in case of partnership enterprise, and of the authorized person, in case of other forms of enterprise.
- 6) There shall be no restriction on filling more than one UAM using the same Aadhaar Number.
- 7) The Udyog Aadhaar Memorandum shall be filed on self-declaration basis, and no supporting document is required to be uploaded or submitted while filing the UAM. But the authorized person by any Government in this behalf may seek documentary proof of information provided in the Udyog Aadhaar Memorandum, wherever necessary.

District Name	Udyog Aadhaar Regd.	Micro	Small	Medium
BOTAD	101	73	27	1

**(E) ACTION PLAN FOR MSME SCHEMES.**

Sr. No.	Name of the Scheme	Proposed activity on the Scheme
1.	MSE-CDP	Nil
2.	ISO-9000/14000/HACCP reimb.	Nil
3.	MSE-MDA	Nil
4.	CLCSS	The units situated under the jurisdiction of MSMEDI, Ahmedabad will be motivated for obtaining the benefit of CLCSS Schemes, Capacity Building and International Co-operation Schemes.
5.	Capacity building & strengthening of data base	
6.	International co-operation	
7.	Tread for Women	The women NGO's will be motivated in various programmes/schemes to get benefit under the Tread scheme.
8.	VDP	Nil
9.	National Awards	The deserve entrepreneurs will be motivated to participate in the National Award Scheme
10.	NMCP Schemes	
	1. Lean Manufacturing	Nil
	2. Design Clinic	Nil
	3. Market Assistance & Tech.upgradation	Nil
	4. QMS/QT	Nil
	5. Tech. & Quality up gradation support	<p>1. The awareness programmes for MSME will be organized in association with PCRA, BEE on energy efficient Technology.</p> <p>2. The awareness programmes for MSMEs on product certification will be organized with BIS,BEE</p> <p>Awareness topics will be covered during Awareness programme during MSME schemes. Programme of Bar Code in association with local DIC and Associations will be organized during the current year.</p> <p>The entrepreneurs will be motivated to obtain IPR</p> <p>The entrepreneurs will be motivated to participate under the Incubator Scheme of the DC, MSME.</p>

**5.2 Training Facilities:-**

The Centre for Entrepreneurship Development imparts training to prospective industrial entrepreneurs. DRDA also arrange training programme to impart training to SGSY Rogueries. DIC undertakes training programme for PMEGP beneficiaries.

### **5.3 Finance Assistance**

The Corporation has no source of fund for financing or scheme to provide direct help or finance assistance to the artisans. The Corporation can avail the facility of lone/ subsidies through Budgetary provision of Commissioner of Cottage Industries for various development as well as marketing activities. Marketing support scheme is with a view to give marketing support to artisan. Corporation has the activity like Exhibition cum sale in its emporia or outside premises, opening of new emporia at places of marketing opportunities, organizing rural meals to give fillip to products or rural artisans, who find it difficult to sell their products otherwise.

### **5.4 Raw Material Support:-**

Corporation provides raw material for production to certain extent and procure the products with view to support the poor artisans, who face difficulty to invest the quality raw material.

### **5.5 Training & Design Inputs:-**

Corporation provides skill up gradation to artisans under various skills up gradation programme of the State as well as Govt. of India, from time to time. Also provides design inputs to make the products more appealing and contemporary and acceptable in the present day market.

### **5.6. Major Exportable Item:**

Nil

### **5.7. Growth Trend:**

Nil

### **5.8. Vendorisation / Ancillarisation of the Industry:**

Nil

## **5.9 General Issues raised by industry association during the course of**

### **meeting**

1. The region is deprived off needed infrastructural facility like road & Railway connectivity.
2. It is a hard fact that MSMEs are the least preferred entities while allowing financing at the reasonable rates. The major chunk of banking finance goes to major corporate houses. This need to be improved at once in the favor of MSMEs.
3. The region is having very low awareness towards policy changes. However the various departments are doing their efforts but still those efforts need to be enhanced.
4. A special status should be given with various incentives to Botad District to make the region catch up with the development of other areas.
5. Major issue raised by the associations is that there is no uniformity in the prevailing time period of inspection /audit /verification of records of employers by various Govt. departments under provision of various Acts. For example, in ESIC, it is 5 years. In Central Excise, it is 5 years. In minimum Wages Act, it is 3 years. In Companies Act and Income Tax department, it is 8 years. In E.P.F., there is no limit. This is very strange. They have suggested that for all govt. departments, a unique time limit should be fixed for better compliance; streamline smooth functioning of departmental procedure. Therefore, statutory duration & period to preserve records must be common and unique under all laws. Associations also suggested that at present, various taxes are levied and additional taxes are also levied which vary from item to item. The small industries under MSME have confusion under various tax structures which needs to streamline like other countries.
6. Some of the problems faced by the MSM units are mentioned as below.  
Shortage of working capital funds, deficiencies in infrastructure facilities, scarce raw material and skilled Availability of potable water and water for industrial use poses a problem. High cost of plots, as a result of high purchase prices are also a constraint in industrial development.

## **CHAPTER VII**

### **NEW INDUSTRIAL POSSIBILITIES**

#### Introduction:

The Industrial Potentialities of an area would be related to (a) The resources of the area or (b) the local Demand or (c) some special conditions obtained in the area. The first two sources of Industrial potentialities are self-explanatory. The third source of Industrial Potentialities as mentioned above relates to factors which do not have universal applicability but, special to a particular area. These factors may be (a) historical accident (b) product oriented infrastructural facilities and so on.

Botad district offers good scope for entrepreneurs to establish new industrial units for manufacturing various products. Human resource particulars of skilled labourers are essential. Entrepreneurial talent among the local people to harness the resources is also considered to be the important factor. Material resources such as agriculture, horticulture, livestock, minerals, forest etc. should be taken in to consideration.

Infrastructure plays an important role in the industrial development of an area. The industrial development is an ongoing process. The development of infrastructure is also very essential and should be a continuous process. The industries have been suggested on resources available in the area. Agro based industries, Livestock based industries as well as mineral and marine based industries have good scope. In addition, many market oriented items can also be taken in the district

#### **I RESOURCE BASED INDUSTRIES**

##### **(A) Food Processing & Agro Based Industries:**

The district has very fertile land for agriculture. Groundnut being the major produce, value addition products on the same could also be explored. Besides groundnut, cotton, sugar cane, wheat, sesame, castor is the major crops.

Therefore, following Agro-based and Food Processing industries have scope in the district.

Sr. No.	Description	NIC- 2004 Code
1	Fruit Canning	15137
2	Rice Mill	15312
3	Oil Mill	15141
4	Pickles	15136
5	Pulse Mill	15313
6	Sugar Mills	15421
7	Paper Mill/Printing Press	22211
8	Fruit Juices & Squashes	15134
9	Caster Oil	15142
10	Cattle Feed	15331
11	Namkeen	15316
12	Biscuits	15412
13	Dal Mill	15313
14	Tuti Fruity from Papaya	15134
15	Bakery	15419
16	Instant Mix e.g. GulabJamun mix, DahiVada mix etc.	15318
17	Mango Juice	15134
18	Mango Powder	15134
19	Besan Mill	15311
20	Groundnut Roasting	15492
21	Groundnut Oil	15142
22	Ice Cream	15205
23	Spice Powder	15134
24	Mamara/pova	15319
25	Pop Corn	15497
26	Potato Wafer	15499
27	Onion and Garlic Dehydration	15132
28	Dhana Dal	15313
29	MakaiPoha	15315
30	Papad	15496



## (B) Mineral based Industries :

The minerals are the main stay resources in the district and the backbone of the economy of the district. Many industries like cement, white cement etc. have been developed in the district particularly in the large scale sector providing employment to hundreds of people in the district.

Sr. No.	Description	NIC- 2004 Code
1	Stone Crushing	14106
2	Bricks	26933
3	Quarry Stone	14102
4	Mining, Querying & Grinding of Lignite	10203
5	Off Shore Extraction of Petroleum	11101
6	On Shore Extraction of Petroleum	11102
7	Off Shore Extraction of Natural gas	11103
8	Mining of Aluminum ores	13203

After utilization of these resources by the present industries, scope exists for their further utilization in the district for various industrial purposes. The following mineral based industries have potentialities for development in the district.

## (C) Live Stock based industries.

Sr. No.	Description	NIC- 2004 Code
1	Bone Mill	15331
2	Tannery Industry	19113
3	Poultry Farm	01222
4	Leather Footwear	19201
5	Leather Decorative Items	19122
6	Toys and Handicrafts from horns	19129
7	Wall Works	19129
8	Dairy	15201

## (D) Forest based Industries

Sr. No.	Description	NIC- 2004 Code
1	Saw Mill	20201
2	Wooden Furniture	36101
3	Handicrafts	17132
4	Herbal Plantation	01117
5	Wooden tools	20299
6	Plywood Chests	20232
8	Mosaic Tiles	26921
9	Emery Powder	14292

## (E) Marine based Industries

Sr. No.	Description	NIC- 2004 Code
1	Iodized Salt	24298
2	Salt Cake	14222
3	Salt mining	14221
4	Salt common	24298
5	Salt Crystal	24298
6	Salt Rock	14221
7	Canning of Fish	15124

**(F) Plastics**

Sr.No.	Description	NIC- 2004 Code
1	PVC Doors & Windows	25209
2	Storage Water Tank	25209
3	Injection Moulded Items	25206
4	LDPE / HDPE Film Bags	25204
5	PVC Reinforced Suction Pipe	25209
6	Polyphone Bags	25204
7	Plastic Toys	36941
8	Surgical and Industrial Gloves	33115
9	Electrical & Electronics Accessories Parts	25209
10	Fishing Nets	17235
11	Nylone Monofilament Yarn	17114
12	Rigid Polyethene Pipes	25209

**G. Pharmaceuticals:**

Sr. No.	Description	NIC- 2004 Code
1	Pharmaceutical Tablets	24231
2	Metronidazole Bulk Drug	24231
3	Vitamin Mixes	24231
4	Ayurvedic Medicines	24233
5	Metronidazole Bulk Drug	24232
6	ChloroquinDiphosphate	24119

**H. Electronics Items:**

Sr. No.	Description	NIC- 2004 Code
1	Uninterruptable Power Supply (UPS)	31200
2	S.S.B. Modulators for Cable T.V.	31300
3	Quartz Wall Clock	33101
4	Electronic Gas Lighters	31901
5	Kisan Torch	31506

## I. Electrical Engineering Items:

Sr. No.	Description	NIC- 2004 Code
1	Power Transformers	31101
2	PVC Cable & Wires	31300
3	Metal Boxes	29295
4	Auto Electric Horn	31907
5	Metal Tank for Power Transformers	29295
6	Tube Light Starters	31901
7	Electric Chokes	31506
8	Electric Motor (up to 10 H.P.)	3113
9	Diesel Generator Set	31103
10	Submersible Pumps	29121
11	Tube Light Metal Fixtures	31109

## J. Glass &amp; Ceramics:

Sr. No.	Description	NIC- 2004 Code
1	Mirror Glass	26109
2	Flooring Tiles	26933
3	Decorative Ceramic wares	26107
4	Crockery ware	26105
5	Sanitary ware	26914
6	Window Glass	26109
7	Glazed Tiles	26933
8	Ceramic pipes	26921

## K. Chemical &amp; Allied Products:

1	Di – Phenyl Oxide (DPO)	24119
2	Soft Drink Concentrates	24293
3	Aluminum Chloride	24117
4	Tartaric Acid	24116
5	Sodium Bisulphate	24117

6	Epoxy – Polyamide Resin	24229
Sr.No.	Description	NIC- 2004 Code
7	Vinyl Sulphate	24119
8	Synthetic Iron Oxide	24113
9	Bisphenol – A	24119
10	Bon Acid	24116
11	Mono Chloro Acetic Acid	24112
12	Benzol Acid and its salts	24112
13	Liquid Oxygen	24111
14	Pesticides	24219
15	Resin, Varnish * Paints	24222
16	Pertrchemicals	23209
17	Caustic soda Flakes	24117

#### **L Mechanical Based Items:**

Sr. No.	Description	NIC- 2004 Code
1	Industrial Vales	29121
2	Reduction Gear Boxes	29131
3	Automobile Springs Coal Spring	29121
4	Executive & Conference Chair	36102
5	Pressure Gauges	29121
6	Metallic Filters for Industrial Use	28999
7	Piston Rings	29121
8	Injection Moulding Machine	29295
9	Ball Bearings	29131
10	Refrigeration & Air Conditioning Equipments	29303
11	Dry Cell Batteries & Storage Batteries	31404
12	Air & Gas Compressors	29121
13	Steel Rolling Mills	29243
14	Water Coolers	29306
15	M.S.Wiremesh	27182

## II DEMAND BASED INDUSTRIES

As Botad district is rich in agriculture, there is enough scope for manufacturing agricultural implements and items as detailed under industry wise :

### 1. Agriculture Implements:

There has been all round emphasis on the development of agriculture during the Five year Plan. As a result, farmers are going for mechanized methods of farming and demand for agricultural implements are increasing day by day. There is scope for new units in this in view of rising trend in the use of these implements. Major Agriculture Implements based industries are as under

Sr. No.	Description	NIC- 2004 Code
1	Harvester	29110
2	Dusters	29211
3	Cultivator	29212
4	Cutting Machines	29211
5	Tractor	29211
6	Light Agricultural Machinery	29212

### 1. Readymade Garments: ( NIC-2004 – 18109)

The demand for readymade garments has substantially increased over a period of time in urban and rural areas. Local priced readymade garments are very popular in the rural areas. Keeping in view the potential local market and labour intensive character of the industry, few units can be encouraged.

### 2. Household Oriented Industries: ( NIC-2004 – 25207)

With the growth of population, increase in the standard of living, process of urbanization and above all the demonstration effect have lead to be substantial increase in the household items. These items are aluminum containers, trays, school boxes, lunch boxes, stainless steel plates etc. These units can be set up in the district.

4. Steel Furniture: (NIC-2004 – 36102)

Steel Furniture items such as Chairs, Tables, Stools, Wall Racks, etc., have opportunities for new entrepreneurs. Steel furniture has almost become a mass consumption item consumed not only by offices, factories, hospitals and other institutions but also by common households with the increase of population and the rise in the standard of living of people. The demand for steel furniture is bound to increase continuously.

5. Industrial Paints: (NIC-2004 – 24222)

Industrial Paints are used as a coating to prevent corrosion of various materials used in machinery, equipment etc. There is good scope for manufacture of this item.

6. Bakery: (NIC-2004 – 15419)

Bakery Products such as bread, paav bun, toast, biscuits etc., are largely consumed by the population. There is good scope for semi-mechanized bakery in the taluka level to cater the needs of population in the taluka.

7. Exercise Note Book: (NIC-2004 – 22212)

Book binding and manufacturing of exercise note books can be undertaken in an organized manner. The demand for exercise books is on the increase on account of increase emphasis being accorded for imparting education to the students in the rural areas.

8. Tyre Retreading :( NIC-2004 – 25114)

The increase of vehicles has simultaneously increased the demand for use of tyres. This increase is beyond to continue in future also. Tyre retreading in the service sector would be an ideal venture for new entrepreneurs.

9. Corrugated Paper Boxes: (NIC-2004 – 25207)

The demand for packing material such as corrugated paper boxes is closely related to industrial development with the increasing industrial activities, the demand for such boxes has increased considerably. Manufacture of corrugated paper boxes is a promising line for new entrepreneurs.

10. PVC Conduit Pipes:( NIC-2004 – 25206)

These items are required in huge quantities for electrification, in view of increase in construction and electrical wiring. PVC Conduit Pipes can also be considered for development in the district to meet wiring needs.

11. Voltage Stabilizers (Automatic):(NIC-2004 – 33121)

Excessive voltage variation is a constant hazard to electrical and electronic equipment like television, refrigeration, air conditioner and other sophisticated electronic research laboratory equipment. There is a good demand of production of this item in the small scale units.

12. Cold Storage :( NIC-2004 – 63022)

In modern world, cold storage industry has become most essential. Industrialists should come forward in this direction as cold storage requirement would increase due to huge production of fruits, vegetables, fishes and other agro products in Bhavnagar district.

13. Bolts and Nuts :( NIC-2004 – 28991)

These items are required in huge quantities for assembling and repairing of vehicles etc. few units can be set up in Bhavnagar district. Manufacturing units for general hardware (NIC-2004 – 28939) such as saws & saw Blades, drills, punches, milling cutters, cutting blades Etc. can also be set up in.

### III Small Manufacturing/Service/Business Enterprises:

The development of this sector depends on the overall economic development of the region. The main components of this sector are professional and self employed persons, retail trade and small business, road transport operators etc. The banks are providing credit for term loan and working capital under their direct scheme as Govt. sponsored programme. Due to establishment of medium/large industries in the district, there is scope of employment in service type industries.



**Potentials areas for service industry:**

Details of various Service activities are as under.

Sr.No.	Description	NIC- 2004 Code
1	Xerox Centre	74993
2	Computer Job Work & Training Centre	72300
3	Cyber Café, Network, E-mail Service, Internet Service	72901
4	Mobile Phone Service	64202
5	Courier Service	64120
6	Automobile Spares, Service and Repairs	50404
7	Video Library	92312
8	Circulating Library	92312
9	Coaching Classes	80902
10	Beauty Parlours	93020
11	Flour Mills	15311
12	Repairing of Electrical & Electronic Equipments	52603
13	Steel Fabrication	28112
14	Electric Motor Repairing	31108
15	Laundry and Dry Cleaning	93010
16	Caterers and Decorators	555204
17	Fast Food and Snack Parlour	55209
18	Ice Cream Parlour	55206
19	Pathology Laboratory	85195
20	Pest Control	74930
21	Provision Stores	52110
22	Stationery Stores	52396
23	Tailoring Shop	18105
24	Advertising Agency	74300
25	Installation and Operation of Cable Network	64204
27	Bore well Repairing	29128
28	Computerized Wheel Balancing	50200

**CHAPTER –VII**  
**CONCLUSION**

District Industrial Potentiality Survey Report of Botad district consists of Seven Chapter. Efforts have been made to collect and compile the important statistics on Population, Data Statistics of Resource and Infrastructure facilities.

There has been specific focus on the present industrial structure of the district in respect of small scale industries, medium and large scale units.

The report also indicates the new industrial potentialities in the district. Covering resource based, demand based and ancillaries in the Botad district, which offers good scope for entrepreneurs to establish new industrial units to the manufacturing as well as service based entrepreneurs.

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### **REFERENCES**

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