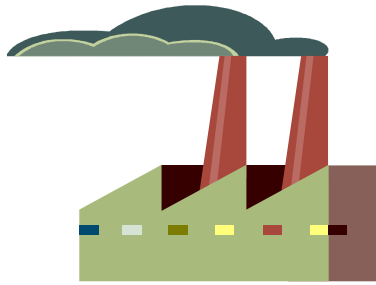


GOVERNMENT OF RAJASTHAN



**INDUSTRIAL
POTENTIAL SURVEY
2015-16**



DISTRICT INDUSTRIES CENTRE BIKANER

0151-2200325

-Contents-

CHAPTER	PAGE
Bikaner District at a Glance	3 to 5
Chapter I –Over View	6 to 7
Chapter II – Resources	8 to 15
Chapter III – Existing Infra-Structure Facilities	16 to 21
Chapter IV – Existing Industrial Scenario and Export	22 to 29
Chapter V – Potential Industries and other contributory Factors	29 to 34
Chapter VI – Findings and The Summary of Findings Recommendations	34 to 35
Annexure I – Whom to contact	36
Annexure II – Name and Addresses of the Institutions Assisting in Promotion of MSME Industries in the country	37-38

BIKANER DISTRICT AT A GLANCE

1.	Area	:	30247.9 Sq Kms.
2.	Population (2011)	:	
	i) Total Population	:	2363937
	ii) Rural	:	1563553
	iii) Urban	:	800384
	iv) Density	:	78 Per Sq.Km.
	v) Sex Ratio (Per 1000 males)	:	905 Females
	vi) Literacy – Male	:	75.90%
	Female	:	53.20 %
	Total	:	65.10 %
3.	i) No. of Towns	:	4
	ii) No. of Municipalities	:	3
	iii) No. of Nagar Nigam	:	1
4.	i) No. of Villages inhabited	:	951
	ii) No. of Villages uninhabited	:	100
	iii) Total No. of Villages	:	1051
	iv) Panchayat Samities (Nos)	:	7
	v) No. of Tehsils	:	8
	vi) No. of Sub-divisions	:	8
5.	Total Working Force	:	7.85 Lacs
6.	Agriculture :	:	
	i) Total Cultivated area(2014-15)	:	14.34 lacs Hec.
	ii) Double Cropped area	:	01.80 lacs Hec.
	iii) Main crops	:	Moth, Bajara, Wheat, Gram, Groundnut, Mustard.

7.	Irrigation	:
	Total irrigated area	: 5,55,764 Hec.
	i) Area irrigated by canals	: 286127 Hec.
	ii) Area irrigated by Wells, Tube wells, etc.	: 269637 Hec.
8.	1. Total Livestock Population (No.)	: 2773270
	2. Poultry (No.)	23762
9.	Area under forest	: 82500 Hec.
10.	Minerals available	: Gypsum, China Clay, Balls Clay, Fullers Earth, Silica Sand, Lime Stone, Lignite.
11.	Average rain fall	: 157.9 mm.
12.	Total No. of Industrial Areas	: 14
	i) No. of plots planned	: 2725
	ii) No. of plots allotted	: 2492
13.	No. of Villages electrified	: 831
14.	Transport & Communications	:
	i) Total road length	: 6938.83 Kms.
	ii) Total railway lines	: 351.50 Kms.
	iii) No. of STD/PCOs	: 237
	iv) No. of Telegraph Office	: Nil
	v) No. of Post Offices	: 267
	vi) No. of Vehicles registered	: 33481
	vii) No. of Bank branches	: 247

15. Educational Facilities :	:	
	:	No.
i) Primary and Middle Schools	:	1688
ii) Secondary and Sr. Sec. Schools	:	752
iii) Colleges	:	40
iv) Medical College	:	1
v) Engineering College	:	4
vi) Management institute	:	2
vii) ITI	:	3
viii) B.ed. Colleges	:	10
ix) Agriculture University	:	1
x) Veterinary University	:	1
xi) RNB University	:	1
xii) University Bikaner	:	1

16. Existing Industrial Status :	:	
i) No. of large/medium Enterprises	:	4
ii) No. of Micro, Small & Medium Enterprises	:	15888
iii) Investment in Plant & machinery in MSME sector. (Rs. in lacs)	:	76299.19
iv) No. of employment generated from MSME sector (in Nos)	:	74177

NOTE:- Information incorporated as on 31.03.2015

1.1 GENERAL

The district derives its name from its principal city “Bikaner” which was established by Rao Bikaji. After the advent of Ganga canal in 1927 A.D. a major change in the constitution of administrative divisions was affected and the whole of Bikaner State territory was divided into four district Bikaner Ganganagar, Churu and Hanumangarh.

1.2 LOCATION AND GEOGRAPHICAL AREA

Bikaner is one of desert district situated in the North-West of Rajasthan. It extends from 27⁰11’ to 29⁰3’ North latitudes and 71⁰54 to 74⁰12’ East longitudes is bounded on the north by Ganganagar, Jaisalmer district and Pakistan in the west, Churu in east and Nagaur and Jodhpur district in South-East. The district has a geographical area 30382.15 Sq. km. which is around 8.8 percent of the total area of the state and stands at second place area wise in the state after the Jaisalmer.

1.3 PHYSIOGRAPHY

The major part of the district is comprised of desolate and dry regions which form part of the Great Indian Desert of Thar. There are two natural divisions of the district name (i) North and Western desert and (ii) South and Eastern Semi-desert. At many place one finds shifting sand-dunes of varying heights ranging from 6 to 30 meters. The general slope of the regions towards the West and North West. The district is devoid of any perennial stream. Small ephemeral streams flow in the vicinity of Kolayat, Gajner, and Gurha. Natural in land depressions which retain some water during the summer are located near Loonkansar, Kolayat, Gajner and Nal. Construction of canals in the western parts has to activation of the stable dune field. The migrating sand is thickening the canals and roads.

1.4 CLIMATE AND RAINFALL

The district has a dry climate with large variation of temperature and scanty rainfall. Hot winds blow in summer, sweeping away and creating new sand-dunes. The highest temperature goes up to 48⁰ C in summers and lowest up to 1⁰ C in winter season.

The normal annual rainfall in the district is 26⁰3 cms. The average annual rainfall for the Year 2006 was recorded at 31.13 cms.

1.5 GEOLOGY AND MINERALS

Almost the entire district is devoid of rock exposures except near Kolayat and at a few places in the southern parts of Nokha and Dulmera. The district Bikaner is thus a vast sandy track except Kolayat are covered with sand of Rock locally known as “Magra” are found in parts Kolayat tehsil. In the magra areas various types of sand stone, clay and lime stone are found at different levels.

Fuller’s earth viz Multani Miti, Clay lignite and gypsum, white clay, yellow ochre and grit and important economic minerals being produced in the district. Gypsum beds up to 30 meters thick and of the best quality available in India are found in Loonkansar, Dulmera and Dheerera. There are deposits of fuller earth at Village Palana (Bikaner tehsil) and Mudh (Kolayat tehsil). Red sand-stone quarries are located near Dulmera village (Loonkansar tehsil). Simultaneously impure lime stone is excavated all over the district. Glass sand is found near Madh and lignite is available at various places in Kolayat tehsil and Palana.

Sand stone lime stone, Bajri and grit and Kankar are the main building materials found in the district.

1.6 FOREST, FLORA AND FAUNA

The vegetation of Bikaner district fall under the broad natural divisions of tropical forest. Bikaner due to extremely low rainfall and extreme of temperature there is high evaporation and loss moisture, converting the district into a typical arid track however, where the moisture accumulate to some extent during rains a few scattered stunted trees not taller than six meter high are found.

The trees and bushes which grow in area are insufficient even to fulfill the local requirements, construction of houses making agricultural implements and for fuel purposes. The most common tree found in the district is Khejra and other trees are Rohira, Ber, and Jal. Some other trees found in area are Shisham Ber, Pipal, Siris etc.

As there are no wild forest of hills the district does not abound in any special type of animals. The fauna found here is of common variety such as black buck Indian antelope, Chinkara, Fox, Jackal, Man goose, Scorpion, Snakes, Stripped Squired, Wild Boar and Wolf.

1.7 ADMINISTRATIVE SET-UP

1.7.1 Bikaner, Loonkaransar, Nokha, Khajuwala, Kolayat & Dungargarh are Six sub-divisions in the district, Bikaner sub-division consists of two tehsils i.e. Bikaner and Kolayat while the Loonkaransar consists Loonkaransar tehsil, Nokha consists Nokha tehsil, Dungargarh sub-division consists Dungargarh and Khajuwala consists three Chhatargarh, Khajuwala and Pugal tehsils. The district possesses four urban centers namely Bikaner (Gangasahar, Bhinasar) Nokha-Mandi Desnok and Dungargarh. There are total 1051 villages in the district, out of which 100 are uninhabited.

1.7.2 The administrative setup of Bikaner district may be viewed as given under :-

TABLE 1.1
ADMISTRATIVE SET-UP OF THE DISTRICT

S.no	SUBDIVISION	TEHSILS	NUMBER OF VILLAGES		TOTAL	Number of Towns
			INHABITED	UN-INHABITED		
1.	Bikaner	1. Bikaner	124	25	149	2
2.	Loonkaransar	1. Loonkaransar	132	18	150	--
3.	Nokha	1. Nokha	164	-	164	1
4.	Khajuwala	1. Khajuwala	69	07	76	--
		2. Pugal	74	06	80	--
		3. Chhatargarh	68	04	72	--
5.	Dungargarh	1. Dungargarh	113	08	121	1
6.	Kolayat	1 kolayat	207	32	239	-
Total	06	08	951	100	1051	4

Source : District Statistical Office, Bikaner, 2014

2.1 HUMAN RESOURCES**2.1.1 POPULATION**

Human resources is the basic input for manning the existing and future industrial development of an area. As per of population Census 2011, the total population of Bikaner district is 23,63,937 (by registering a net increase of 4,61,827 persons over the year 2001). Where the Population of the district was 19,02,110 in Population Census-2001

The Population of the district is about 2.96 percent of the total population of the State. The density of population in the district is 78.00 in year 2011 when at the same time, it is found at 165 for the entire state. The men women ratio (the number of female per 1000 of males) in the district is estimated at 905 in year 2011 as against 896 in year 2001.

2.1.2 LITERACY

The district has registered the literacy rate in 2011 of 65.10 percent, of which 75.90 percent is registered for male and 53.20 percent for female. However the literacy rate registered for the state as a whole in year 2011 stood at 61.03 percent.

2.1.3 RURAL AND URBAN POPULATION

As per 2011 Census, of the total population of 2363937 i.e. about 66.35 percent population was in rural areas. At that time the population of the district headquarter was 5.29 lakhs. During the period 1991-2001 the declining trend of urban population was observed in the district.

2.1.4 WORKING FORCE AND OCCUPATION PATTERN

The total working force in the district is estimated at 784769 in numbers representing 33.29 percent of the total population in year 2011 the occupational distribution of working force as per 2011 Census has been found as given below :-

**TABLE 2.1
WORKING FORCE AND OCCUPATION PATTERN**

S.No	OCCUPATION	MALES	FEMALES	TOTAL
1.	Cultivators	260834	209220	470054
2.	Agriculture Labours	24718	18078	42796
3.	House Hold Industries	13020	9490	22510
4.	Other Workers	214148	35261	249409
	Total	512720	272019	784769

Source : Census- 2011

2.2 AGRICULTURAL RESOURCES

2.2.1 Agriculture is the main activity in the district providing employment to about 59.02 percent of the working population. The other occupation mainly comprise of artisans activity, in non-farm sector as well as “Bhujia” manufacturing.

2.2.2 LAND-USEPATTERN

The total geographical area of Bikaner district is recorded at 3038215 hectares. The classification of land use in the district as per land Revenue Records-2014-15 has been found as given under :-

TABLE 2.2
LAND USE PATTERN YEAR 2014-15

S.No.	DESCRIPTION	Area in Hectares
1.	Total Reporting Area	3038215
2.	Cultivated Area	1434222
3.	Fallow Area	167602
4.	Area Under Forest	82500
5.	Area not available cultivation	29263
6.	Other Non-cultivated area	272516
7.	Double Cropped Area	180627

Source : Agriculture Department

2.3 WATER AND IRRIGATION RESOURCES

The main problem of the district is the lack of irrigation facilities. However, the availability of water resources in Bikaner district can be analyzed under the following heads :-

- A) Major Rivers and lakes
- B) Ground Water Resources
- C) Major irrigation Project
- D) Other Resources

(A) MAJOR RIVERS AND LAKES

There is practically no surface run off and therefore, no river is flowing in the district. The city Bikaner is getting the fresh water from I.G.N.P. & Tube Wells Located in the different parts of city. However, four major water sources namely Gajner Lake, Kolayat Tank located in the district but their water is mainly being used for drinking purpose and very small quantum of water from these sources becomes available for irrigation purposes.

(B) GROUND WATER RESOURCES

Ground water occurs in the rocks of the trans-Aravli. A Vindhyan and Territory formation at depth of 60 m. to 100 m. to 135 m. the quality of water is generally blackish to saline. In the eastern parts of the district, the thickness of the quaternary formation exceeds 200m. Around Bikaner city the potential water yielding formation is the friable conglomerate sand stone of cretaceous age. Tube Wells so far Dug and Functioning for Agricultural Production are 3547 in the district.

(C) INDIRA GANDHI CANAL PROJECT J(IGNP)

The I.G.N.P. is one of largest irrigation project in India. The project is to benefit mainly the western part is Bikaner district. A scheme of lift irrigation has also been sanctioned to benefit the eastern portion of the district. Under the lift Irrigation scheme, 41 villages, of Loonkaransar tehsil with an area of 2.59 lac acres and 35 villages of Bikaner Tehsil with an area of 3.93 lac acres will be benefited.

In first phase out of proposed 50770 Hectares, 36709 Hectares area got the irrigation facility during 1994-95. Bikaner, Kolayat & Loonkaransar tehsils. The proposition for 2000 to 2005 is 184604 Hectares. Thus the Irrigation Facility will accelerate the pace of agricultural production.

(D) OTHER IRRIGATION FACILITIES

As already mentioned that there is no perennial river in the district and the existing lakes/tanks are also contributing significantly in irrigation the agricultural land, Thus, Presently the main sources of irrigation are tube-Wells/Wells, canals of I.G.N.P. such source wise irrigation facilities available in the district has been found as under.

The above given details clearly reflects the lack of irrigation facilities and ground water in Bikaner district. A number of tube well in Bikaner, Nokha and Kolayat tehsil have been dug out which has changed the agriculture system in the area specially ground nut, Mustard, Cotton, Gram which are cash crops for the locality.

TABLE 2.3
SOURCE WISE IRRIGATION FACILITIES
YEAR 2014-15

S.No.	SOURCE	IRRIGATION FACILITY EXTENDED (In Hectares)
1.	Wells /Tube –wells	269637
2.	Canals	286127
3.	Others	-
	Total	555764

2.4 Major crops

The major crops of the district are wheat, gram mustard and moth etc. The production of principal crops and area during the year, 2015 as given in table on 2.4

TABLE 2.4

AREA AND PRODUCTION OF MAJOR CROPS

Production in Tones Area in Hectares

S.No.	CROPS	2014-15	
		AREA (Hec)	PRODUCTION (m.t.)
1.	WHEAT	68900	192920
2.	BARELY	3618	10854
3.	GRAM	180500	144400
4.	REPE & MUSTARD	51589	49010
5.	BAJARA	75652	22696
6.	MOTH	167641	67056
7.	SEASAMUM	2181	436
8.	GROUNDNUT	155000	403000
9.	COTTON	500	1250 Bales
10.	PULSES	9889	9889
11.	GUAR-SEED	710000	284000

Source:- Agriculture Department 2015

2.5 LIVESTOCK RESOURCES

2.5.1 Livestock plays an important role in the economic development of especially the desert district because Livestock is correlated with Human & Economic Development of the District right from it's establishment because animal Husbandry was & is a Predominant resource to the desired extent due to lack of irrigation facilities. The main livestock of the district are cattle, goat and sheep. The break up of livestock population in Bikaner district has remained as under :-

TABLE 2.5

LIVESTOCK POPULATION

CATEGORY	Census 2003 as on 31 st March 2003	Census 2007	Census 2012
1. Cattle	608597	728043	906075
2. Buffaloes	132732	142863	193433
3. Sheep	928892	707699	653028
4. Goat	686507	943491	961907
5. Horses & Ponnies	242	199	3047
7. Donkeys	2482	10535	8712
8. Camels	61861	54320	46209
9. Pigs	4551	609	859
Total	2425864	2587759	2773270
10. Poultry	33377	19625	23762
11. Dogs & Bitches	103688	56904	29520

Source : Dist. Statistical Office, Bikaner-2015

2.5.2 WOOL SUPPLY

Sheep are reared in the district mainly wool and meat. As per data available from 'integrated sample serve report' for estimation of major livestock products. Each sheep yield approximately 1.34 kgs. Wool every year. Thus, there is potential for 1273 tones wool within district per year. The wool produced in the district is supplied to other places for proper utilization of wool within the district, the district requires in outs like Skill, Infrastructure & Training Facilities which can raise the employment opportunities for local people through development of woolen textiles industries i.e. woolen carpet. Tufted carpet, felt & Other woolen textile items.

2.5.3 AVAILABLE OF MEAT

Assuming on an average the slaughter rate of 20 percent for sheep and goat both, death rate of the same at 8.30 percent and 9.20 percent respectively and the meat availability at 8.167 kg. and 9.274 kg. for each sheep and goat, total per annum availability of meat in the district is estimated at about 2397 tones.

2.5.4 AVAILABILITY OF HIDES

The district considerable livestock population. The discussion with district officials reveal that the mortality could safely be assumed to be 10 percent and availability of 25 square feet of hide pre animal on an average which may contribute about 53.35 lakhs square feet of hide in one year's duration.

2.5.5 AVAILABILITY OF BONES

The availability of bones in the district is estimated to be around 710.5 tones per annum.

2.5.6 MILK AVAILABILITY

The URMUL is also functioning well in the district to safeguard the milk producers exploitation. In regard of availability and its development the following facts are found noteworthy : Besides there are two units of milk collection & chilling, functioning in the district with averaged collection 97000 Liters per day, there is a vast potential to milk products based SSI Units, if Liberalisation is adopted for such Industries. Everyday about 27000 liters of milk is being sending to Delhi from the district.

31st MARCH, 2015

S.No.	DESCRIPTION	UNIT	YEAR 2012-13	YEAR 2012-13	YEAR 2014-15
1.	Dugdh Utpadak Sahakari Samities & Collection Centres (Functional)	In Numbers	Regd. 946 working 437	Regd. 893 working 437	Regd. 791 working 437
2.	Membership	Thousand Number	38335	38626	39113
3.	Collection of Milk(KG)	Thousand Liters	356.53	351.05	355.35
4.	Chilling Plants	In Numbers	05	05	05

Source : Dist. Statistical Office, Bikaner-2015

2.6 VETERINARY HOSPITALS

It is again important to mention that the district has following network as regard to veterinary hospitals, dispensaries sheep development centers :

**TABLE 2.6
DISTRIBUTION OF VETERINARY FACILITIES Year 2015**

S.No.	DESCRIPTION	NUMBER		
		RURAL	URBAN	TOTAL
1.	Vet. Polyclinic	--	01	01
2.	Vet. Hospitals	69	17	86
3.	Vet. Dispensaries	--	--	09
4.	Animal Sub Center	45	07	52
5.	Vet. Mobile Unit	--	01	09
6.	Sarra Control Unit	--	--	--
7.	Key Vill. Scheme	--	--	--
8.	A.I.Centre	97	13	148

2.7 MINERAL RESOURCES

Bikaner is fairly rich in mineral wealth. The important minerals available in the district are gypsum, white clay, fullers earth, yellow ochre, silica sand, lignite, sand stone lime stone etc.

(A) GYPSUM

The Gypsum deposit of Bikaner are well known and cater to the requirement of cement and fertilizer industries. It is natural hydrate of calcium sulfate , and partially the plaster of Paris also. The reserves of Gypsum in Bikaner district are estimated as 40.489 million tones. The deposits of gypsum are found at Jamsar, Dhirera, Jaimalsar, Kavni, Dholeran, Bharu, Madhogarh etc. The deposits in Jamsar have been the largest. The Gypsum is of good quality contain 65.9 to 69.4 percent gypsum.

(B) LIGNITE

occurrence of lignite have been reported at Palana, Barsinghsar, Gurah, Bithnok, Hadla Bhatiyani deposits in Palana 12 kms from Bikaner city are most important. The area wise resources given as under :-

S.No.	LOCATION	RESERVE GEOLOGICAL (MEDICATES)	INMILLION TONES GROSS MINEABLE
1.	Palana	23.57	13.65
2.	Barsinghsar	77.83	73.15
3.	Gurah (East)	38.11	17.89
4.	Gurah (West)	41.65	19.57
5.	Raneri	33.92	7.15

Source : Mines dept. 2014-15

(C) SELENITE

Deposits of selenite crystalline variety of gypsum are found at loonkaransar, The total deposits are estimated around 15.30 million tones.

(D) CHINA CLAY

deposits of China clay or white clay are found at Mud, Kotri, Channi, Kolayat and Raneri. The total reserves placed at 43.5 million tones.

(E) SILICA SAND

deposits are found at 5 kms. From Kolayat. The total reserves are estimated at 1.0 million tones.

(F) FULLER'S EARTH

The deposits of fuller's earth are found at Modh, Indo-ka-bala and Palana, the deposits are reported to stretch over entire Palana lignite area.

(G) RED OCHRE

These deposits are found at Jageri tank about 12 kms. From Kolayat. The deposits are estimated at around 01 million tones.

(H) LIME STONE

Deposits of good quality limestone are reported to exist at Deva, Silva and Sandwa village in Nokha tehsil 1.75 million tones.

2.7.1 MINERAL PRODUCTION

During the year 2014-15 the production of minerals in the district has remained as given under :-

**TABLE 2.7
Production of Minerals**

S.No.	DESCRIPTION	PRODUCTION IN M.T.
		2014-15
1.	Gypsum	1898747
2.	Clay (china clay, Balls Clay, Fire Clay)	3118457
3.	Multani	10340
4.	Brick earth	72000
5.	Masonry Stone	2124327
6.	Bajri Kankar	9016583
7.	Lime Stone	25400
8.	Lignite Million	2250086
9.	Yellow Occur	-
10.	Red Occur	-
11.	Lime Stone burning	-
12.	Salenite	-

Source: Mines dept. 2014-15

2.7.2 OIL & NATURE GAS

Exploration for oil and natural gas is being carried out in Western Rajasthan in Jaisalmer and Bikaner district by ONGC and oil India Limited till August 1988, the borehole were drilled in various areas of Jaisalmer district and Pugal in Bikaner district. The results in Jaisalmer district are very encouraging one but in Bikaner district are still awaited on account of continuation in the process.

2.8 TOURISM

Bikaner is one of the important tourist destination in Western Rajasthan has several places of Historical, Archaeological religious and sites for tourist attraction like Lalgarh Palace, Govt. Museum, Gajner palace, Kolayat, Karni Temple, National Research Centre on Camel (NRCC) and Junagarh Fort. Junagarh Fort is considered one of the best in the country because of its rich Gold Work, architecture and Carving work and also one thousand Hawalies inside old city are not less important place in comparison to other tourist places.

As per report from Department of Tourism up to Oct. 2007 Bikaner has been one of very few destination in Rajasthan which recorded 15% annual increase in tourist arrivals (Foreign & domestic both) with a view to boost up tourism at Bikaner the Camel Festival was organized every year by the Department of Tourism. This festival was covered by BBC, ZEE TV, DOORDARSHAN & by important travel media. Every year the said festival is being organized with full enthusiasm to attract more and more tourists. Bikaner is also connected and included in the itinerary of the prestigious "PALACE ON WHEELS" for 2008-09, this will give wide publicity to Bikaner not only at national level but also at International level.

The Department of Tourism has several plan for the development of Bikaner Region. For desert saf aries various companies surveyed the area and also many Hotel Projects are coming up.

Keeping in view the active effort by Department of Tourism, investment suggested in the area and interest shown by the travel trade, Bikaner has great potential for the Development of Tourism. So there seems to be a nice scope of enhancement of the tourism industry in Bikaner district.

TOURIST ARRIVALS

YEAR	INDIAN	FOREIGNER	TOTAL
1997	196168	25479	221647
1998	205976	26752	232728
1999	193675	27664	221349
2000	182577	28441	210918
2001	184744	30959	215703
2002	149398	16066	165464
2003	159981	27633	187524
2004-05	178861	55648	234209
2005-06	197275	61123	258398
2006-07	210021	61895	271916
2008-09	282477	92083	374560
2009-10	241997	62398	304395
2010-11	267869	71821	339690
2011-12	266591	72158	338749
2012-13	288793	77018	365811
2013-14	318689	74885	393574
2014-15	340247	64499	404746

Source: Tourism Deptt., Bikaner-2015

Sr. No.	District	No. of Hotel
1	Bikaner	62

Source: Tourism Deptt., Bikaner-2015

3.1 ELECTRIC POWER

3.1.1 EXISTING POWER SUPPLY POSITION

The alignment and capacity of the power distribution network has to be carefully kept in view to decide the potential areas from the point of view of Ground Water Resources and industrial activities. The existing supply position of electric power in Bikaner district was found as given under :-

**TABLE 3.1
EXISTING POWER SUPPLY POSITION AS ON 31ST MARCH, 2015**

S.No.	Name Station	11 KV		33 kv		440/230 VOLTS (LT)
		SC	DC	SC	DC	(KMS)
Total BKN Circle		27134.520	39.295	3104.158	199.00	7061.930

The capacity of existing grid-sub stations in Bikaner is found as given below :-

As on 31-03-2015

S.No.	LOCATION	Voltage level	CAPACITY IN MVA
1.	G.S.S. Bikaner	220/132/33KV	3X25 MVA
2.	G.S.S. Bajju	132/33KV	3X12.5, 2X12.5 MVA
3.	G.S.S. Nokha	220/132/33KV	1X160, 1X50, 2X25 MVA
4.	G.S.S. Pugal Road	132/33KV	1 X 25 MVA, 1X50 MVA
5.	G.S.S. Napasar	132/33KV	2 X25+12.5 MVA
6.	G.S.S. Dungargarh	220/33KV	2X100, 1 X 50, 1X25 MVA
7.	G.S.S. Loonkaransar	132/33KV	1X25, 1X12.5 MVA
8.	G.S.S. Nokha Daiya	132/33KV	2X12.5 MVA
9.	G.S.S.Badnu	220/132/33KV	160 MVA, 3X25MVA
10.	G.S.S. Deshnok	132/33KV	3X25 MVA
11.	G.S.S. Kolayat	132/33KV	3X25 MVA
12.	G.S.S. Momasar	132/33 KV	3X25 MVA
13.	G.S.S. Bhinasar	132/33 KV	3X25 MVA
14.	G.S.S.Khajuwala	132/33 KV	1 X 25 MVA, 1X12.5 MVA
15.	G.S.S. Shri Dungargarh	132/33 KV	2X25 MVA
16.	G.S.S Ridi	132/33 KV	2X25MVA
17.	G.S.S Gajner	220/132/33 KV	1X160,1X100, 2X25, 1X50MVA
18.	G.S.S Upani	132/33KV	2X25MVA
19.	G.S.S Dulcharar	132/33KV	2X25MVA
20.	G.S.S Jasrasar	132/33KV	2X25MVA
21.	G.S.S Lalmdesar Bada	132/33KV	1X25MVA
22.	G.S.S Mundsar	132/33KV	1X25MVA

3.1.2 RURAL ELECTRIFICATION

Till March 31, 2015 out of total 857 villages in Bikaner district about 96.96 percent i.e. 831 number village were got electrified. However, the Panchayat Samiti wise position of rural electrification in the district March 31, 2015 is found as given under :-

S.No.	PANCHAYAT SAMITI	TOTAL NUMBER VILLAGES	VILLAGES OF ELECTRIFIED
1.	Bikaner	108	107
2.	Nokha	145	143
3.	Loonkaransar	125	120
4.	Kolayat	209	195
5.	Shri Dungargarh	96	95
	Khajuwala	174	171
TOTAL		857	831

Jodhpur V.V.N. Ltd., Bikaner.(Rural)

3.1.3 ELECTRICITY CONSUMPTION PATTERN

The total electricity consumption in the district in year 2014-15 was recorded at about 33397.46 lakh units consumer category wise break up of the same as given below :

TABLE 3.2
ELECTRICITY CONSUMPTION PATTERN

YEAR 2014-15

S.No	CATEGORY	NOS.OF CONSUMER	CUNSUMPTION IN LAC UNITS
1.	Domestic	233500	3273.5
2.	Commercial	32677	1083.28
	Industrial Consumption		
3.	a) Small-Scale Ind.	4337	263.75
	b) Medium Scale Ind.	1584	949.76
	c) Large Scale Ind.	144	703.31
4.	Public Lightening	2557	307.04
5.	Agriculture	29262	24937.35
	PHED		
6.	a) Small	979	372.08
	b) Medium	200	197.50
	c) Large	32	667.45
7.	Others	904	642.54
TOTAL		306176	33397.46

3.2 WATER

The availability of water in Bikaner district from various sources has already been discussed in detail under para 2.3 report, which reflected the shortage of water for drinking as well as other purpose in the district.

TRANSPORT

3.3.1 ROAD TRANSPORT

The district is well connected with metallic road with all near by district namely Jodhpur, Nagor, Churu, Ganganagar and Hanumangarh. The National Highway Number 11,15 & 89 connecting Bikaner. N.H. 11 Agra also ends is Bikaner itself. N.H. 15 is connecting Bikaner Kandla & Amritsar. N.H. 89 Indor & Bikaner it self. The total length of different category of roads in the district is 6938.83 kms. with breakup as given under:

TABLE 3.3
ROAD NETWORK IN THE DISTRICT AS ON 31-03-2015

S.NO.	CATEGORY	LENGTH IN KMS.
1.	National Highway	418.65
2.	State Highway	260.40
3.	Major District Road	384.50
4.	Other District Roads	894.12
5.	Village Roads	4211.61
6.	Urban Roads	230.44
7.	Kums Roads	539.11
TOTAL		6938.83

Source:- PWD Circle Bikaner

3.3.2 A total **287946** number of motor vehicles were registered in the district till March, 2015.

TABLE 3.4
REGITRATION OF MOTOR VEHICLES

S.NO.	Category	Total No. of Regd. During 2014-15
1.	Buses	63
2.	Ambulance	23
3.	Animal Ambulance	02
4.	Light Motor Vehicles	1219
5.	Medium Motor Vehicles	05
6.	Heavy Motor Vehicles	298
7.	Two Wheelers	27093
8.	Three Wheelers	641
9.	Three Wheelers (Loading)	73
10.	Tractor	3457
11.	Motercafe Maxicafe	247
12.	RT culated Vehicles	312
13.	Dumper	45
14.	Tankar	03
TOTAL		33481

Source:- R.T.O. Bikaner 2014-15

3.3.3. RAIL TRANSPORT

The district is connected with broad gauge 351.50 km. railways line. The total rail network found in the district is having the total rail length of 351.50 kms. The district is connected with Hawarah, Guwahati, Delhi, Bandra(T), Bhatinda, Jammu-Tawi and Merta Road, Jaipur, Jodhpur, Kolayat, Falodi by broad gauge

Source:- DRM Office Bikaner

3.4 COMMUNICATION FACILITIES

The communication facilities in the district includes post offices, telegraph offices, telephone exchange and public call offices etc. As per statistics available, the following network of communication facilities was found in Bikaner district.

**TABLE 3.5
NETWORK OF COMMUNICATION FACILITIES
AS ON 31.03.2015**

S.No.	DESCRIPTION	NUMBERS
1.	Post offices	267
2.	Telegraph Offices	NIL
3.	Telephone Exchanges	72
4.	Local PCO	NIL
5.	S.T.D. P.C.O.	237
6.	LDTP	743
7.	Letter Boxed	1023

Source:- Post & Tele Communication dept. Bikaner-2015

3.5 BANKS AND FINANCIAL INSTITUTIONS

3.5.1 As on 31st march, 2015 there were 247 total branches of commercial & Co. Operative banks, 44 of regional rural banks 10 of central co-operative banks. 02 of primary land development bank in Bikaner district. At that time the network of bank facilities in the district is found as given under :-

**TABLE 3.6
NETWORK OF BANKING FACILITIES**

S.No.	NAME OF THE BANK	BRANCHES IN NUMBERS			TOTAL
		URBAN	SEMI-URBAN	RURAL	
(A)	Commercial Bank				
1-	SBBJ (LEAD BANK)	22	11	42	75
2-	SBI	06	02	05	13
3-	UCO	07	--	01	08
4-	BOB	06	02	04	12
5-	Bank of India	02	01	01	04
6-	Canara Bank	01	01	02	04
7-	Allahabad Bank	01	--	01	02
8-	Central Bank of India	02	--	--	02
9-	Dena Bank	01	01	--	02
10-	Indian Bank	01	--	--	01
11-	OBC	05	02	--	07
12-	PNB	10	06	05	21
13-	Union Bank	03	--	--	03
14-	United Bank of India	01	--	--	01
15-	Bank of Maharashtra	01	--	--	01
16-	Syndicate Bank	02	01	--	03
17-	MGB (Rural Bank)	03	03	27	33
18-	Vijaya Bank	01	--	--	01
19-	Central Co-Operative Bank	02	02	06	10
20-	Primary Land Development Bank	01	01	--	02

21-	Raj. State co. Operative Bank	01	--	--	01
22-	Punjab & Sindh Bank	02	--	--	02
23-	BRGB Rural Bank	--	02	09	11
24-	Corporation Bank	01	--	--	01
25-	Indian overseas Bank	01	--	--	01
26-	ICICI Bank	08	02	05	15
27-	IDBI Bank	01	--	--	01
28-	HDFC	02	01	--	03
29-	Indsund Bank	01	--	--	01
30-	Axis Bank	01	--	--	01
31-	ANDHRA Bank	01	--	--	01
32-	Kotak mahendra Bank Ltd.	--	--	01	01
33-	Yes Bank	01	01	--	02
34-	Development Credit Bank	--	01	--	01
	T o t a l	97	40	110	247

Source : Lead Bank Office 2015

As 31st march, 2014 the average coverage of population and area in Bikaner district were 9273 people per branch and 147.55 square km. of area per branch. Simultaneously, it is also noted that of the total branches in Bikaner district 59.00 percent of the branches are functioning in rural and Semi-Urban areas.

3.5.2 OTHER FINANCIAL INSTITUTION NETWORK

A part from the banking network district is also getting the services of the Rajasthan Financial Corporation (RFC) through its office in Bikaner City-

	Urban	Semi	Rural	Total
RFC	1	-	-	1
KVIC	1	-	-	1
KVIB	1	-	-	1

3.6 EDUCATIONAL FACILITIES/INSTITUTION

The network of educational institution functioning in the district has been found as under :

TABLE 3.7
Educational Net Work As on 31.03.2015

S.NO.	DESCRIPTION	NUMBER
1.	Primary and Middle Schools	1688
2.	Secondary and Hr. Sec. Schools(454+298)	752
3.	Colleges	40
4.	Medical College	01
5.	Management Institute	02
6.	I.T.I.	03
7.	B. Ed. College	10
8.	Engineering College	04
9.	Agriculture University	01
10.	M.G.S University, Bikaner	01
11.	Veterinary University	01
12.	RNB University, Khara, Bikaner	01

Source:-District Education office, Bikaner

3.7 MEDICAL AND PUBLIC HEALTH SERVICE

As on 31 March, 2015 the network of medical and health facilities in the district was as given under:

TABLE 3.8
NET WORK OF MEDICAL AND PUBLIC HEALTH SERVICE

S.No.	DESCRIPTION	NUMBER
1.	Associate Group of Hospital (Included T.B. Hospital and Child Hospital)	01
2.	Community Health Center	13
3.	Primary Health Center	55
4.	Maternity and Child Welfare Center	00
5.	Health Sub Center	426
6.	T.B. Clinic	01
7.	Dispensaries (11 Urban)	11
8.	City Hospital	01
Total		508

Source : C.M.H.O. and P.B.M. Hospital , Bikaner

3.8 DIC AND OTHER CONCERNED INSTITUTIONS

The offices of District Industries Center, Rajasthan Financial Corporation and the office of RIICO are located in Bikaner city.

3.9.1 Industrial areas developed by Riico

TABLE 3.9
Status of Industrial Area as on 31.3.2015

(Area in Acres)

S.No	Name of I.A.	Land Acquired	Planned	Allotted	Vacant	Remarks
			Plots	Plots	Plots	
1	2	3	4	5	6	7
1	I.G.C. Khara	729.62	579	528	51	51 plots were reserved for Uyya Udhmita Prothasahan yojna
2	Rani Bazar	155.33	245	231	14	Vacant plot under dispute
3	Bichhwal	282.37	325	325	-	-
4	Karni I.A. Ph.I	113.81	144	144	-	-
5	Karni I.A. Ph.II	160.60	216	207	9	Vacant plot under dispute
6	Split Growth Centre Karni	108.00	435	434	01	In Process of Auction
7	Karni I.A. (Exp.)	415.83	159	82	77	201.30 Acre land under litigation and reserved for future planning
8	Loonkaransar	81.71	156	147	09	5 plots under dispute. 4 plot in process of auction
9	Napasar	42.13	149	148	01	In Process of Auction
10	Nokha (Dev.)	39.31	51	40	11	(Effluent disposal point and dispute due to shmsan)
11	Nokha (Undev.)	30.75	25	25	-	-
12	Khajuwala	41.56	96	45	51	Undeveloped and under encroachment by habitants
13	Sridungargarh (Undev.)	25.00	36	36	-	-
14	Nokha (Ext.)	91.24	109	100	09	Vacant plot under dispute
	Total	2317.26	2725	2492	233	-

Source: - RIICO Bikaner.

4.1 EXISTING INDUSTRIAL STATUS4.1.1 MEDIUM AND LARGE SCALE INDUSTRIES

As on 31.03.2015 Established only four large/medium scale industries in the district. Presently two units are running. The details of these units being given as under:

TABLE 4.0
List of Large Scale Industries as on 31.03.2015 (Rs. in Lacs)

S. NO	Name & Add. of the units	Contct person & phon. no.	Name of Product	instailed capacity (with unit)	date of Product	Gross capital investment (Rs in Crore)		Emplo yment (Nos)	production Value Rs. in (crore)	GOL Govt . of India	GOL Govt . of Raja sthan	MNC Multi National Company	Present Position inoperati on/ closed (if closed, since with)
						fixed	working						
02	Tilam Sangh intergated Ground nut and Muster project 32 ind. Area, bichwal	R.D.Sharma GM 251263 & 250857	Gruond nut and Musterd Oil	1.50 Tpa 1.20 Tpa	22-05-92	17-63	00	00	00	--	--	--	closed 1995-96
04	M/s Bika Ji Food International Ltd., E 1A,1B and F 196-97 Ind.Area,Bi Chwall Bikaner	S.R.Aggarwall 2250350 S.D. Gupta 9829272988	Papad Bhujia Namkeen Rasgulla &Sweets Packing	150Ton Per Day	28.10.1987	105.00 Cro.	23.00 Cro.	900 Persons	454.00	--	--	--	Running

TABLE 4.0
List of Medium Scale Industries as on 31.03.2015 (Rs. in Lacs)

S. NO	Name & Add. of the units	Contct person & phon. no.	Name of Product	instailed capacity (with unit)	date of Product	Gross capital investment (Rs in Crore)		Emplo yment (Nos)	production Value Rs. in (crore)	GOL Govt . of India	GOL Govt . of Raja sthan	MNC Multi National Company	Present Position inoperati on/ closed (if closed, since with)
						fixed	working						
01	M/s Pariwal Brick Ltd. Shri Dungargarh, Bikaner	J.p.pariwal2248 433 2244708	Sand Lime brick	1.26 lack per day	14-09-93	5.74	00	00	00	--	--	--	closed 1993-94
03	Urmul Dairy Ganganagr Road Bikaner	L.K. Jain 2225500	Milk chiling Ghee powder	1.50lac ltr P/D 05 MT P/D 05 MT P/D	18.5.1981	5.92	4.68	169	137.55	--	--	--	Running

TABLE 4.1

YEAR WISE TREND OF UNITS UNDER MSME
UPTO MARCH 2015

YEAR	NUMBER OF UNITS	EMPLOYMENT IN NUMBERS	INVESTMENT (IN RS. LAC)
2005-2006	10363	45284	19327.65
2006-2007	10608	46623	21708.88
2007-2008	11298	50526	26288.33
2008-2009	11992	52997	28280.46
2009-2010	12683	55573	31006.75
2010-2011	13374	61168	44457.53
2011-2012	14064	65158	54457.48
2012-2013	14780	69016	64353.38
2013-2014	15530	72323	71658.96
2014- 2015	15888	74177	76299.19

4.1.2 BREAK UP OF EXISTING MICRO, SMALL & MEDIUM INDUSTRIES

The break up of existing MEME Micro, small, Medium industries in the district wise recorded as given under

:-

TABLE 4.2

DETAILS OF EXISTING INDUSTRIAL UNITS IN THE DISTRICT As on 31.03.15

DIC Bikaner											
S.No	NIC Code 2004	DESCRIPTION	As on 31-03-2013			As on 31-03-2014			As on 31-03-2015		
			Units	Emp	Inv in lac Rs.	Units	Emp	Inv in lac Rs.	Units	Emp	Inv in lac Rs.
1	01	AGRICULTURE HUNTING AND RELATED SERVICE ACTIVITIES	00	00	00	00	00	00	00	00	00
2	02	FORESTRY LOGGING AND RELATED SERVICE ACTIVITIES	00	00	00	00	00	00	00	00	00
3	05	FISHING, OPERATION OF FISH HATCHERIES AND FISH FARMS SERVICE ACTIVITIES INCIDENTAL TO FISHING	00	00	00	00	00	00	00	00	00
4	10	MINING OF COAL AND LIGNITE, EXTRACTION OF PEAT	00	00	00	00	00	00	00	00	00
5	11	EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS, SERVICE ACTIVITIES INCIDENTAL EXCLUDING SURVEYING	01	04	7.07	00	00	00	00	00	00
6	12	MINING OF URANIUM AND THORIUM ORES	00	00	00	00	00	00	00	00	00
7	13	MINING OF METAL ORES	00	00	00	00	00	00	00	00	00
8	14	OTHER MINING AND QUARRYING	04	39	448.84	4	32	20.76	02	18	36.50

9	15	MFG OF FOOD PRODUCTS AND BEVERAGES	60	686	3601.01	45	453	2062.54	47	427	1919.77
10	16	MFG OF TOBACCO PRODUCTS	00	00	00	00	00	00	00	00	00
11	17	MFG OF TEXTILES	82	317	595.75	78	182	320.87	42	131	461.19
12	18	MFG OF WARNING APPAREL, DRESSING OF DYEING OF FUR	244	541	150.75	115	235	19.29	102	225	41.32
13	19	MFG OF LEATHER & LEATHER PRODUCTS	00	00	00	04	08	0.37	00	00	00
14	20	MFG WOOD AND WOOD PRODUCTS	04	34	34.00	02	03	1.00	00	00	00
15	21	MFG OF PAPER AND PAPER PRODUCTS	07	119	99.50	01	14	118.00	02	16	106.03
16	22	PUBLISHING, PRINTING & REPRODUCTION OF RECORDED MEDIA	00	00	00	03	11	11.70	03	11	30.00
17	23	MFG OF COKE & REFINED PETROLEUM PRODUCTS AND NULEAR FUEL	07	55	290	10	97	388.92	03	21	88.00
18	24	MFG OF CHEMICALS AND CHEMICAL PRODUCTS	06	15	0.38	07	32	120.55	10	41	65.34
19	25	MFG OF RUBBER AND PLASTICES PRODUCTS	06	57	513.53	06	54	124.74	09	62	313.80
20	26	MFG OF OTHER NONE-MAETALLIC MINERALS PRODUCTS	96	896	2937.25	67	862	2296.12	41	495	913.60
21	27	MFG OF BASIC METALS	02	29	20.00	01	11	10.00	01	12	15.00
22	28	MFG OF FABRICATED METTEL PRODUCTS	05	27	87.50	20	63	104.21	02	16	30.00
23	29	MFG OF MACHINERY AND EQUIPMENT N.E.C	08	47	74.75	25	133	116.63	08	53	82.47
24	30	MFG OF OFFICE ACCOUNTING & COMPUTING MACHINERY	00	00	00	00	00	00	00	00	00
25	31	MFG OF ELECTRICAL MACHINERY AND APPARATUS N.E.C	01	13	14.44	03	74	373.80	02	14	67.00
26	32	MFG OF REDIO, TELEVISION AND COMMUNICATION EQUIPMENT AND APPARTUS	03	23	2.46	00	00	00	00	00	00
27	33	MFG OF MEDICAL, PRECISION AND OPPTICAL INSTRUMENTS, WATCHES AND CLOCKS	01	14	5.00	01	06	12.00	01	05	10.00
28	34	Mfg.of Motor Vehicles,Trailers and Semi Trailers	01	03	5.50	00	00	00	00	00	00
29	35	Mfg.of Others Transport Equipment	05	20	5.50	00	00	00	01	06	1.00

30	36	Mfg.of Furniture NEC.	54	257	82.02	137	292	250.94	09	52	133.06
31	37	Recycling	01	07	9.00	01	15	67.78	00	00	00
32	40	Electsricity,Gas Steam and not water Supply	04	09	0.31	00	00	00	00	00	00
33	41	Collection,purification and Distribution of water	01	11	24.35	00	00	00	00	00	00
34	45	Construction	00	00	00	00	00	00	00	00	00
35	50	Sale,Maintence and Repair of Motor Vhicles and Motor Cycles, Retail sale of automotive Fuel	12	39	13.04	65	183	47.63	00	00	00
36	51	Wholesale Trade and Commision Trade except of Motor Vehicles and Motor vcles	01	05	1.00	00	00	00	00	00	00
37	52	Retail Trade,Except of motor Vehicles and Motorcycles,Repair of Personal and Household Good	06	20	27.90	27	83	74.27	10	67	93.47
38	55	Htels and Restaurants.	00	00	00	00	00	00	02	14	173.00
39	60	Land Transport,Transport via Pipelines	00	00	00	00	00	00	00	00	00
40	61	Water Transport	00	00	00	00	00	00	00	00	00
41	62	Air Transport	00	00	00	00	00	00	00	00	00
42	63	Supporting and Auxillary Transport Activites,Activites of Travel Agencies	01	06	160	00	00	00	02	19	1.00
43	64	Post abd Telecommunications	00	00	00	01	09	113.70	00	00	00
44	65	Financial Intermediation,except insurance and pension funding	00	00	00	00	00	00	00	00	00
45	66	Insurance and Pension Funding,Except compulsory social security	00	00	00	00	00	00	00	00	00
46	67	Activites Auxiliaary to Finanacial Intermediation	s	00	00	00	00	00	00	00	00
47	70	Real Estate Activities	00	00	00	13	25	9.90	00	00	00
48	71	Renting of Machinery and Equipment Without Operator and of Personal and Household Goods.	03	24	41	00	00	00	00	00	00
49	72	Computer and Related Activities	46	110	19.17	16	36	11.80	07	24	8.12
50	73	Research and Development	00	00	00	00	00	00	01	07	5.00
51	74	Other Bussiness Activities	05	12	3.73	03	10	4.20	02	09	2.93
52	75	Public Administation and Defence,compulsory social Security	00	00	00	00	00	00	00	00	00

53	80	Education	00	00	00	01	02	1.00	00	00	00
54	85	Health and Social Work	00	00	00	01	02	0.20	01	03	3.00
55	90	Sewage and Refuse Disposal, sanitation and similar activities	00	00	00	00	00	00	00	00	00
56	91	Activities of Membership organizations NEC	00	00	00	00	00	00	00	00	00
57	92	Recreational, Cultural and Sporting Activities	00	00	00	04	19	0.65	00	00	00
58	93	Other Service Activities	30	97	114.05	84	186	51.99	47	102	30.59
59	95	Activities of Private household as Employers of Domestic Staff	00	00	00	00	00	00	00	00	00
60	96	Undifferentiated Goods, producing activities of private households for own use	00	00	00	00	00	00	00	00	00
61	97	Undifferentiated service producing activities of private household for own use	03	308	307.00	05	175	570.52	01	04	09
62	99	Extra Territorial Organization and Bodies	06	14	200.10	00	00	00	00	00	00
	Total		716	3858	9895.90	750	3307	7305.58	358	1854	4640.23

4.1.3 STATUS OF ARTISANS UNITS

The cottage and artisans units of the district are mainly handloom units weaving handloom articles like Galicha, Woolen blankets known as Burdies and loies. Handicrafts like carved building stone, wood, lacquer wares, block painting and leather articles etc, The major concentration of such artisans was found as given under :

ARTISANS UNITS CONCENTRATION

S.No.	Location	Major Trade	Number of Units	Market
1.	Napasar	Woolen Carpet & Cloth	135	Local, Ahamdabad, Bombay
2.	Diyatra	--"---	55	--"---
3.	Udairamsar & Gangasahar	--"---	185	--"---
4.	Udasar & Pemasar	--"---	90	--"---
5.	Palana	--"---	30	--"---
6.	Ambasar	--"---	40	--"---
7.	Raisar	--"---	40	--"---
8.	ShivBari	Local	20	Local
9.	Jamsar	--"---	100	--"---
10.	Napasar	--"---	100	--"---

4.2 EXPORT & POTENTIAL

Although no direct Export is being done by the units yet. Carpet, Leather items, Bhujia, Guargum, Canned Rasgulla, Artificial Jewellery & Engraved Wooden items are being Exported through the Exporters. There is still great export potential for the product like woolen textile items, Bhujia, Canned Rasgulla engraved wooden items, Artificial Jewellery & Golden Meenakari items besides Handicraft is equally important for export promotion.

क्र० सं०	इकाई का नाम, पता व फोन/फैक्स/मोबाईल	ई मेल	उत्पाद जिसका निर्यात किया गया	वर्ष 2013-14 के दौरान किये गये निर्यात की सूचना	देश, जिनमें निर्यात किया गया
01	डी.एम.एक्सपोर्ट्स मालिक श्री डूंगरमल स्वामी प्लॉट नं० एफ 205 औद्योगिक क्षेत्र बीछवाल, बीकानेर फोन 0151-2250732, 2250737 फैक्स 0151-2250286 मोबाईल नं०- 09414139032	dmexporter@d mexporter.co	बुडन हैडीक्राफ्ट्स	3.25 लाख	जर्मनी
02	बीकाजी फूड्स इन्टर नेशनल लिमिटेड निदेशक श्री शिवरतन अग्रवाल प्लॉट नं० एफ 196 औ० क्षे० बीछवाल, बीकानेर फोन 0151-2250350 फैक्स 0151-2251814 मोबाईल नं०- 09829218184	bikaji@gmail.com	भुजिया, पापड़, नमकीन स्वीट्स	964.53 लाख	यूएस, यूके, आस्ट्रेलिया, इटली, जर्मनी, कनाडा, कुवैत
03	वेगन कोलाईड्स लिमिटेड निदेशक श्री नरेन्द्र जिन्दल, प्लॉट नं०- ई 249-251 आई.जी.सी. खारा, बीकानेर फोन 01522-260162 फैक्स 01522-260166 मोबाईल नं०- 09414087547	vegancolloids@g mail.com	ग्वार गम/ ग्वार गम पाउडर	84.83 करोड़	यूएसए, चायना, जर्मनी
04	बीकानेर हैंडलूम कारपेट, पूगल रोड सब्जी मण्डी के पास, बीकानेर फोन 0151-2224801 फैक्स 0151-2545129 मोबाईल नं०- 09829217027	wool.india@gmail .com	कॉरपेट	30.00 करोड़	यूरोप, यूएसए, दुबई चायना,
05	सनसाईन फूड प्रोडक्ट्स भागीदार श्री हरिप्रसाद अग्रवाल प्लॉट नं० एफ 88-89 औ० क्षे० बीछवाल, बीकानेर फैक्स 0151-2251814 मोबाईल नं०- 09829217547	bcsons@gmail.co m	भुजिया, नमकीन	4.32 करोड़	अमेरिका, भूटान, नेपाल

4.3 Gramin Hat

In the view to Provide adequate market for Artisan, Craft man, Small scale Industries, Self Help Groups, Khadi & village industries and NGO's of the state, The Govt. has establish Grameen Hat at Jai Naryan Vyas Colony, Bikaner. There are 50 shops constructed. Grameen Hat has dedicated to the public on 18 March 2005 by Honorable Industry Minister of Rajasthan. After inauguration of the Hat there are many exhibition cum fairs organised. To attract the Tourists and Public For Tourism purpose it is planed to setup an Art Gallery to exhibit the articles of State & National awardees crafts man like Usta Kala Art, Miniature Paintings, Stone Carving, Wooden Carving and Meenakari Products.

4.4 Ceramic Centre, Bikaner

Government of Rajasthan has established a world class testing facility called CERDC Bikaner for testing of Insulator as per Indian Standards (IS) and International Electro technical commission (IEC) along with ceramic products such as sanitary wares, Glaze tiles etc. Apart from the ceramic products this Centre is also equipped to test the raw material related to ceramics industries. The Ceramics Electrical Research & Development Centre is an autonomous society of Government of Rajasthan and inaugurated by Hon'ble Chief minister of Govt. of Rajasthan on 13.05.2010 . All the equipment is duly calibrated by NABL calibrator.

Project Background Concept

Bikaner is one of the desert districts situated in the North-West of Rajasthan. Certain parts of the districts such as Kolayat, Nokha, Dulmera and Lunkaransar have large mineral deposits consisting of white clay, gypsum, lignite, etc. The annual volume of white clay mined in the region is about 8 lakh Metric Ton (MT). Rajasthan is a leading producer of clay accounting for 40% of India's production. The quality of clay found in Rajasthan is superior to those found in other parts of the country and is used in the manufacturing of ceramic products.

The availability of white clay has led to the development of pottery units as well as ceramic industry in the region. Despite being a raw material rich region, the ceramic industry is still largely underdeveloped in this region. The large consumption centers for white clay outside the state include Khurja in Uttar Pradesh and Morbi in Gujarat and most of the raw material is transported to units in these two states.

One of the major reasons for lack of development of ceramic industry in this region is the absence of any testing and design facility for adopting new technologies. In the absence of testing facilities, ceramic units in Bikaner have to send samples for testing to Central Glass and Ceramic Research Institute (CGCRI) in Khurja or Calcutta.

Establishment of a product testing and common facilities center in Bikaner would help the local ceramic industry as well as outside state electricity boards to have a testing facility in north India. There is a huge consumption of electrical insulators in states like Punjab, Himachal Pradesh, Delhi, Uttarakhand etc. Such a facility would help the ceramic industry in meeting the customer standards and requirements at affordable cost. This center would also help the local pottery and ceramic industry to develop new designs that are in demand and adopt cost effective technologies.

There are two types of accreditation for the ceramic center i.e. one is for mechanical testing and other one is for electrical testing apart from physical and chemical testing, already centre has received mechanical testing accreditation from National Accreditation Board for Testing and Calibration Laboratories (NABL), New Delhi. Now we are working for getting NABL certification for electrical testing as well as surveillance audit of mechanical testing, some of the particular tasks that has to be executed before accreditation certification.

Generated revenue of Rs. 13,02,105/- from January 2010 to March 2014 and effort are in process to improve the revenue through contacting to industries and convincing them about the competency of centre in testing.

Contacting to industries and convincing them about the competency of centre in testing. Once we get the NABL certification for electrical testings then centre will be fully functional.

4.5 Clusters of Bikaner District

There are three Clusters mainly identified. These are Gems & Jewellery, Woollen and Ceramic products. These items are produced in Clusters which are situated in Bikaner District.

.....

CHAPTER-V

POTENTIAL INDUSTRIES AND OTHER CONTRIBUTORY FACTORS

AN OVER VIEW

Taking into consideration various advantages offered by the district, a few of the potential industrial projects have been identified. While identifying such projects the factors considered were availability of material resources, infrastructural facilities incentives for setting up to industries needs of the local population and industries etc. Keeping in view these factors. Efforts have been made to present a “SWOT” analysis in the following paragraphs :

RESOURCES

Human and material resources have already been discussed in Chapter II of this report. It may be seen there from that the district does not have any surplus agricultural produces. However, with the progress of Indira Gandhi Project through out the length of Bikaner, the agricultural scenario is changing. Now more and more area is shifting towards cultivation of Mustard, Bajara, Ground Nut, Guar, Moth, Wheat, Gram, cotton etc. Thus in near future a good scope for setting up the agro-based industries in the district is expected for. It is apparent that the district is progressing in Agricultural field. Equally with the advent of I.G.N.P. Producing Mustered Ground Nut, Cotton & Cotton Seeds Pluses, Thus there will be a Good scope for agro Based industries.

The district has rich mineral resource such as China Clay, fire clay and Gypsum. Red and white ocre silica sand, Lime Stone, Lignite.

The district has the livestock population all around 27.73 lakhs, the break up of which has been shown in Table No. 2.5 of this report. It is analysed that as regard to the livestock produces, the district has sufficient quantities of the same aimed at feeding the inputs to related potential industries.

INFRASTRUCTURE

The infrastructure such as communication, transport, industrial, training facilities are available. But special emphasis is to be given to develop skill of hand knitted carpet & finishing center for woollen textiles to cater to the needs of the district. The only constraint is power supply. Similarly the social amenities like education, medical, housing, banking etc. also seems to be sufficient for the present needs. But with the suggested industrialization programme, these facilities would have to be augmented in tune of the requirements from time to time.

ENTREPRENEURSHIP

As stated earlier, the major proportion of the working population is engaged in agriculture sector. A large number of persons are also engaged in trading activities. The electric consumption in industrial sector in the district, is record 13.26 percent of the total consumption. It shows the inclination of the people towards the industrialization. However, it is noted that the large segment of the people of the district is lacking in entrepreneurship and thus a package of Entrepreneurship Development Programmes are needs in the district.

STRENGTHS

The strength of the district is the good mineral resource deposits, large livestock population and emergence of strong agricultural base due to the Indira Gandhi Canal Project & Utilisation of Ground Water resources.

SUGGESTED STRATEGY FOR INDUSTRIAL DEVELOPMENT

To accelerate the industrial development in the district it becomes essential first to prepare a strong industrial base in the district mainly as regard to availability of industrial plots and other required infrastructural facilities, enhancement of entrepreneurial skill and upliftment in artisan's activities of the district.

POTENTIAL INDUSTRIES IN BIKANER DISTRICT

Keeping in view the location of the district availability of most of the required infrastructural facilities and resources a full units of medium scale apart of the units of small scale sector have been proposed for the district. The list of such propose units can be seen in the following table.

TABLE 5.1
POTENTIAL INDUSTRIES IN BIKANER DISTRICT

S. No.	Industry	Number of Units	Project in Lacs	Emp. In No.	Capacity	Suggested Location
1	2	3	4	5	6	7
A	Resource Based Industry					
1.	Sanitary Wares	03	180	75	2100 MT	Bikaner, Raisar
2.	Glaze Tiles	03	117	190	3600 MT	Raisar, Bikaner
3.	S.W. Pipes	05	49.4	90	6000 MT	Bikaner, Napasar, Nokha
4.	Gypsum Grinding	50	52	90	24000MT	Jamsar, Bikaner, Nal, Khara
5.	Plaster of Paris	50	110	550	32000MT	Bikaner, Lunkaransar, Kolayat, Khara
6.	Lime Kiln	10	72	170	30000MT	Nokha, Bikaner, Kolayat
7.	Dry Distemper	01	8	9	1200 MT	Bikaner, Nokha
8.	Yellow & Red clay grinding	02	13	14	3000 MT	Kolayat, Gajner, Bikaner,
9.	Ordinary Bricks	25	950	800	1200 lacs	Kolayat, Gajner, Gudda, Bikaner, Lunkaransar
10.	L.T. Insulators	07	45	137	4800 MT	Bikaner, Raisar
11.	Mozaic Tiles	06	8.00	41	3 Lac	Nokha, Bikaner, Napasar
12.	Sodium Silicate	01	13.20	13	1500 MT	Bikaner,
13.	Refractory & Fire Bricks	01	13.70	32	1500 MT	Bikaner, Kolayat
14.	Carpet Woolen Yarn	07	78.60	109	780 MT	Bikaner, Khara
15.	Handloom Carpet	21	9.50	311	9000 MT Sq. Ft.	Bikaner, Napasar, Desnok
16.	Tufted Carpet	03	1.55	18	15000	Bikaner
17.	Woolen Cloth/ Shawls	06	2.97	57	14000 Nos.	Bikaner, Napasar, Desnok Udiramsar, Udasar
18.	Cotton Ginning & Pressing	02	45.50	15	5100 MT	Khajuwala
19.	Roller Flour Mail	03	250.00	49	9000 MT	Bikaner

20.	Absorbent Cotton	02	60.00	30	300 MT	Nokha, Bikaner, Khajuwala
21.	Guar Gum	03	98.40	122	2900 MT	Nokha, Bikaner, Khajuwala
22.	Oil Mill	09	430	75	3200 MT	Bikaner, Lunkaransar, Bajju
23.	Bhujia	50	209	296	1600 MT	Bikaner, Napasar, Nokha
24.	Papad	48	98	210	1600 MT	Bikaner, Nokha, Napasar
25.	Rasgulla Canning	15	73	137	1300 MT	Napasar, Bikaner,
26.	Milk Chilling	10	16	23	4200 MT	Bikaner, Nokha, Lunkaransar, Kolayat, Napasar,
27.	Cattle Feed	06	11.70	15	1700 MT	Lunkaransar, Nokha
28.	Solar Enarergy	05	60.57	50	54.57kwh	Gudda, Kolayat,
	TOTAL	354	3076.09	3728		

B	Demand Based Industries					
1.	HDPE Woven Sacks	03	90.00	55	600 MT	Napasar, Nokha
2.	Biscuits	06	65	21	320 MT	Bikaner, Nokha
3.	Tin Container	01	4.40	25	3 Lac Nos	Bikaner,
4.	Corogated Boxes	03	8.72	39	3 Lac Nos	Bikaner, Nokha
5.	Gate, Frill other iron Items	10	9.80	30	3800 MT	Bikaner, Nokha, Napasar, Lunkaransar,
6.	Agriculture Implement	10	16.80	30	2900 MT	Khajuwala, Kolayat Lunkaransar,
7.	Sheet Metal Work	02	0.90	12	2400 MT	Bikaner, Nokha, Napasar
8.	Cement Concrete Block	05	6.70	32	4.50 Lac Nos	Bikaner, Nokha, Napasar
9.	Marble Cutting & polishing	08	13	75	6.70 Lacs Sq. Ft.	Bikaner, Nokha, Napasar
10.	Readymade Garments	10	3.80	50	2.90 Nos.	Bikaner, Nokha, Napasar
11.	Artificial Jewellery	10	6.00	20	49000 Nos	Bikaner, Nokha, Napasar, Deshnok
12.	Automobile Repairing & Servicing	10	7.00	20	710 Nos.	Bikaner, Nokha, Napasar, Deshnok, Lunkaransar,
13.	General Engg. Works	10	21.00	40	LS	Bikaner, Nokha, Napasar, Deshnok, Lunkaransar,
14.	Regin & Canvas Begg	10	0.80	30	1440 Nos	Bikaner, Nokha, Khara
15.	Electric Items	05	27.00	25	LS	Bikaner, Nokha, Khara,
	TOTAL	103	280.92	504		

TOTAL POTENTIAL INDUSTRIES

A	Resources Based units	354	3076.09	3728
B	Demand Based units	103	280.92	504
	GRAND TOTAL	457	3357.01	4232

TARGET & ACHIVEMENT FOR EMPLOYMENT GENERARTION

S N	Scheme	Achievement Year 2008-09	Achievement Year 2009-10	Achievement Year 2010-11	Achievement Year 2011-12	Achievement Year 2012-13	Achievement Year 2013-14	Achievement Year 2014-15
1	Small Scale Units	694	691	691	690	716	750	358
2	H.H.I	150	156	157	219	199	143	132
3	E.D.P	03 EDP	99	76	84	44	44	61
4	Leather Training\Skill Based	-	-	20	19	20	23	22
5	PMEGP	-	42	49	20	45	51	90
	TOTAL	-	988	993	1032	1024	1011	663

5.5.1 SUGGESTED STRATEGY FOR ARTISAN'S UPGRADATION

5.5.2 SCOPE AND OBJECTIVE

In order to develop the local handicraft as well as artisans of the district, to increase their expertise and to uplift their standard of living it would be of worth to suggest such strategies which may assist these artisans, firstly to suggest improving their standard of living. Secondly a package of raising the expertise of such artisans. Thirdly to suggest proper and adequate channels to market the product of these artisans and lastly, to suggest more and more employment opportunities.

5.5.3 CONCENTRATION OF ARTISANS

As already discussed under para 4.2 of this report, the major concentration of artisans in Bikaner district has been found in nearby areas to Napasar, Udasar, Raisar, Ridmalsar, Kolasar, Jamsar, Shivbari, Souohana, Morkhana and Pemasar, Shri Dungargarh.

5.5.4 MAJOR PROBLEMS FACED BY ARTISANS

During the courses of survey and discussions held at various place, various problems and suggestions, were focused by the concerned people and it is found these poor artisans in the district are suffering mainly on three grounds namely Organizational, Marketing and Financial. These three problems have manifested themselves into multitudinousness of the problems cited during the course of discussions. Barring the above three problems, mentioned are solved. The other observed problems are like irregular and inadequate supply of raw materials traditional technology and low quality standard products.

5.5.5 REMEDIAL MEASURES

On the basis of above focused observations it is realized that for economic development of the artisan units located in rural and remote areas of Bikaner district, The following require due attention :

- I upgrading the quality of artisan produced through adequate training facilities and skill development programmes.
- II Steps should be taken on encourage these artisans for taking independent production and also independent marketing if possible.
- III To provide institutional support to these artisans for meeting out their financial requirements for regular and adequate supply of raw materials and for marketing their products through institutional marketing channels.
- IV By conduction the rural entrepreneurship Development programmes at the places of concentration of such artisans. Such Rural EDPs may get funded by SIDBI and NABARD.
- V The different Government bodies like RHDC, RRBS, KVIB, KVIC etc. Functioning at district level should do their promotional role for encouraging the promotion of Artisan's co-operative societies.

VI ESTABLISHMENT OF RURAL HAAT

This Scheme deals with aspects concerning the creation of permanent infrastructure in the form of marketing centers for display and sale of products produced by Artisans and rural micro entrepreneurs and SSI sector entrepreneurs.

Under this scheme provision will be made to construct 50 shops measuring 12' x 10' size approx each at paious location i.e. J.N.V. Colony Bikaner. 50 shops have built up and the activities have been stared this time.

5.6 OTHER CONTRIBUTIORY FACTORS TO THE INDUSTRIAL DEVELOPMENT

Apart of suggesting the package of potential industries at various locations in Bikaner district, a few factors also require the due attention for preparing suitable industrial base in the district.

5.6.1 INDUSTRIAL ACCOMMODATION

During the survey of various industrial areas located in the district it is found that the three industrial area located near by Bikaner city do not have much problem as regard to industrial accommodation but in the industrial area located nearby Khajuwala Infrastructure facilities are required as the town are not well developed.

5.6.2 DEVELOPMENT OF ENTREPRENEURIAL SKILL IN THE DISTRICT

Entrepreneurship is not a matter of heritage and in solely a manifestation of such potentialities that an individual can generate. Keeping in view the weak industrial base in the district it is required to take some necessary steps towards creating the entrepreneurship Development Programmes. Such EDPs may be organized at Bikaner and Napasar, Nokha, Loonkaransar, Dungargarh & Khajuwala.

5.6.3 INDUSTRIAL PROMOTION CAMPAIGN/CAMPS

regular district level & panchayat samiti level industrial awareness & promotion campaigns are being organized by DIC & other institutions to develop awareness among the first generation entrepreneurship, These camps have been planned at all P.S.HQS & District HQS.

5.6.4 SEMINARS ON EXPORT MARKETING & IMPORT EXPORT PROCEDURES

Since good potential exist for food items for export. A training programmed on export marketing & import export procedures is being planned for, in consultation of S.I.S.I., Jaipur.

5.6.5 SEMINAR ON PRODUCT DEVELOPMENT (ceramic Industries)

Since good quality clay is available in Bikaner district in huge quantity- Seminars on product development is proposed in consultation of Central Glass & Ceramics research institute, Khurja (UP).

5.6.6 SPECIAL ECONOMIC ZONE FOR WOOLEN & CARPET INDUSTRIES

Since good concentration of woolen units exists at Bikaner, who send their finished goods “woolen yarn” to Bhadoi (UP) where it is used for carpet production. These carpets are mostly exported. Hence special Economic Zone as notified by Govt. of India is proposed to be set up at Bikaner. It shall change the Economic status of the District.

5.6.7 AIR CONNECTIVITY

Export & Tourism sector are well developed of Air Service in the District . Hon'ble state CM Vasudhara Rajee Chief Minister of Rajasthan and central minister of India In augurated at Nal on On month of june 2014 . So the District Administration and representatives of local Industries association are pursuing the Central Government for air bus services at Bikaner. This will help and promote export as well as tourism sector.

CHAPTER-VI

THE SUMMARY OF FINDINGS AND RECOMMENDATIONS

-
- 6.1 The district is one amongst the 33 districts of the State and is situated in the North-West part of the State. From the administration point of view, the district is divided into six sub-divisions eight tehsils.
 - 6.2 The resources analysis for the district reveals that the district is rich in minerals and the huge deposits of some minerals like gypsum, china clay, silica sand, lignite, brick earth etc. are available. In addition to this the deposits of oil and natural gas are also expected at Pugal in Bikaner district there the borehole process is continued by ONGC.
 - 6.3 As regard to agricultural resources on account of lack of irrigation facilities in the district, the production of various crops has not remained encouraging one. But as the Indira Gandhi Canal Project (IGNP) and development of ground water utilization through tube wells which is under process also covers the significant area of Bikaner district, it is expected that with the completion of (IGNP) the agriculture base of the district would become strong and thus, would certainly reflect the scope for agro-based industries in the district. Presently, the major crops being scope for agore-based industries in the district are wheat, gram rape and mustard, groundnut, cotton(Kapas) mot and bajara.
 - 6.4 A producing 27.73 lacs of livestock is available in the district which is producing 1273 tones of wool 2397 tones of meat, 692.5 tones of bones and 53.35 has square feet of hided per annum. About 791 number of Dairy Co-Operatives about 97000 Liters of milk everyday. However, URMUL is also found functioning in this field in the district. Apart of these facts is also important to mention that six milk chilling plant and one dairy plant is already functioning in the district.
 - 6.5 In regard of infrastructural facilities the district has almost sufficient to be provided to existing industries in the district except the regular availabilities of required water. Out of total 857 village industries in the district 831 number of villages have already been electrified up to March 31, 2015 and out of the total consumption of electricity about 13.26 percent consumption is recorded in the industrial sector, which shows satisfactory position in regard of supply of electric power. The

- transport and communication facilities are also developed to the level of existing requirement and hence with the suggested industrialization these facilities should also be augmented accordingly.
- 6.6 Banking facilities available in the district also have wider coverage as 61.00 percent of these branches in the district are located in rural and semi urban areas.
 - 6.7 Apart of the other educational network, the district also has Three ITI and four Engineering college and One Medical college, One Veterinary University, One Agriculture University, One Bikaner University, and Newly established R.N.B University Khara. Ten B.ed. College, One Home Science College, Two Polytechnic College for boys and girls and Two Management Institute which shows the strength of the district in regard of the existing educational network. Simultaneously, it is also noted that the district has satisfactory medical and health centers to met the existing requirement.
 - 6.8 At present 14 industrial area and one Industrial Growth center in existence, out of which in the Rani Bazar, industrial area Karni I.A. And Bichwal Industrial area. All the industrial plots have been allotted. On the basis of existing situation of the industrial area, the expansion has been made of the Karni industrial area.
 - 6.9 Presently there are Four Medium & Large Scale industries in existence in the district. As on march 31, 2015 total registered units in MSME sector were 15888
 - 6.10 The existing cottage and artisans units in the district are found in the avenues of weaving of carpets, other woolen and cotton products, handicraft inters like carved building stone, leather shoes and other leather articles etc. The concentration of such units is seen in nearby area to Napasar, Kolasar, Raisar, and shivbari.
 - 6.11 The woolen carpets, Bhujia, camel hide, artificial Jewellery found is the only export potential items in Bikaner district.
 - 6.12 A package of 457 numbers of potential industries has been suggested for Bikaner district and details is shown in table number 5.1. Out of these potential industries 354 numbers of industries with investment of Rs. 3076.09 lac are resource based and the remaining 103 are demand based. the investment of total Rs 280.92 lac and will generate the Total employment to 4232 number of persons.
 - 6.13 A strategy has also been suggested for the development of artisan units of the district with an overview on the problems/hindrances being faced by these artisans and then suggesting the remedial measures for the same.
 - 6.14 A mobile training-cum-supply centers has been suggested under the control of concerned DIC which will assist the scattered artisan of rural and remote areas by providing them adequate training, supplying them the required material and by collecting their final products and being and bring them to the depot of concerned institution like RHDC, RSIC, KVIB etc. situated in district headquarter or in nearly town.
 - 6.15 The development of industrial accommodation has been suggested at the places nearby Bichwal, Loonkaransar, Napasar and Khajuwala, Jaipur Road. & Gajner Road.
 - 6.16 To create the awareness and entrepreneurship among the people of the district. The entrepreneurship development programmes have been suggested at locations like Bikaner, Nokha.
 - 6.17** To create the industrial environment and also the awareness in local people, the industrial promotion campaign/camps have been suggested at different locations like Bikaner, Napasar, Nokha, Khajuwala and Loonkaransar.

ANNEXURE-1

WHOME TO CONTACT

S.No.	Assistance required	Name of the Institution(s)
1.	(i) Product identification (ii) Consultancy - Technical - Managerial - Economic - Export	Small Industries Service Institute Industrial Estate, Bais Godam, Jaipur Phone No. 2212098, 2213099, 2215487 Fax – 0141 – 2210553 E-mail : Sisijpra@raj.nic.in -do-
2.	Training Facilities	(i) Small Industries Service Institute Industrial Estate, Bais Godam, Jaipur Phone No. 2212098, 2213099, 2215487 Fax – 0141 – 2210553 E-mail : Sisijpra@raj.nic.in (ii) Entrepreneurship Management Institute, Bais Godam, Industrial Estate, Jaipur – 302006
3.	(i) MSME act 2006 issued EM I and II (ii) PMEGP Scheme	District Industries Center, Bikaner. -do- 0151-2200325, 2203391
4.	Factory Accommodation	Rajasthan State Industrial Development and Investment Corporation Ltd. (RIICO), Bikaner. 0151-2201612
5.	Finance : - Term Loan - Working Capital	Rajasthan Financial Corporation, Bikaner. 0151-2200918
6.	Machinery on Hire Purchases www.nsicindia.com	National Small Industries Corporation Ltd. Nehru Place, Tonk Road, Jaipur. 0141-2742372, 2741944, 2742991 Fax- 2741277
7.	Raw Material	Rajasthan Small Industries Corporation Ltd., Udyog Bhawan, Tilak Marg, Jaipur.
8.	Marketing	(i) National Small Industries Corporation Ltd., (ii) Rajasthan Small Industries Corporation Ltd., Udyog Bhagawan, Tilak Marg, Jaipur
9.	ISI Mark and Allied details	Bureau of India Standards, Manak Bhawan C-Scheme, Jaipur
10.	Testing of Products	(i) Field Testing Station Bais Godam, Industrial Estate, Jaipur. (ii) National Test House, Bais Godam, Industrial Estate, Jaipur.
11.	Power connection	Jodhpur Vidhyut Vitran Nigam Ltd., Bikaner.
12.	Registration under Factories Act.	Inspector of Factories, Rathkhana colony, Bikaner
13.	Pollution Control	Rajasthan Pollution Control Board, I.A. Bichwal, Bikaner
14.	Central Excise Registration	Superintendent of Central Excise, Sagar Road, Bikaner.
15.	Sales Tax Registration	Commercial Tax Office, Tulsī Circle Bikaner.
16.	PMEGP RURAL	(i) Khadi and village Industries Commission Kishan Bhawan, Shriganga nagar Road Bikaner (ii) Ass. Director (Khadi), District Industries Center Bikaner.
17.	Export / Import	Director General of Foreign Trade Udyog Bhawan, Tilak Marg, Jaipur.

Name and Address of the Institutions assisting in Promotion of Small Scale Industries in the Country.

1. Central Food Technological Research Institute.
C.S.I.R., Govt. of India, Mysore-570013, Karnataka.
2. Fragrance and Flavor Development Center,
Govt. of India Society, Industrial Estate, Makrand Nagar,
G.T. Road, Kannauj, Faridabad(UP)
3. Central Footwear Training Institute,
Govt. of India Society, Agra (UP)
4. Bureau of Indian Standards, Manak Bhwan,
C-Scheme, Jaipur. 0141-2223281 - 86
Fax - 0141- 2223286
5. National Small Industries Corporation Ltd.,
Nehur Place, Tonk Road, Jaipur.
0141-2742372/2741944/2741992
Fax- 2741277
6. Central Marine Fishery Research Institute,
68/1, Greams Road, Chennai.
7. Central Leather Research Institute,
Sardar Patel Road, Adyar, Chennai-600032.
8. Small Industry Development Bank of India, (SIDBI)
M.I. Road, Jaipur.
9. Rajasthan Small Industries Corporation,(RSICO)
Udyog Bhawan, Tilak Marg, Jaipur-302005.
10. Rajasthan State Industrial Development and Investment Corporation Ltd.,
Udyog Bhawan, Tilak Marg, Jaipur-302005.
11. Khadi and Village Industries Commission, Institutional Area,
Jhalana Doongri, Jaipur.

12. Rajasthan Khadi and Village Industries Board, Bajaj Nagar, Jaipur.
13. Agriculture and Processed Food Export Development Authority,
105, New Delhi House 70, Bara Khamba Road.
14. District Industries Center, Chopra Katla, Rani Bazar, Bikaner.
15. Indian institute of Packaging, New Delhi.
16. Controller of Patent and Designs, Okhla, New Delhi.
17. Electronic test and Development Center.
Malviya Nagar, Jaipur.
18. Spices Board, K.C. Avenue, Vincent Cross Road,
P.B. No. 1909, Ernakulam, Chochin.
19. Jute Manufactures Development Council, Kandhana Building,
Flt No. 6-D-11, Tolstoy Marg, New Delhi.
20. Wool and Woolen Export Promotion Council.
612/714, ashoks Estate, 24, Barakhamba Road,
Cannought Circus, New Delhi.
21. Gem and Jewellery Export Council, Jaipur.
22. Textiles and Cotton Export Promotion Council,
Air Cargo Complex, Sanganer Air Port, Jaipur.
23. Apparel Export Promotion Council,
Nehur Place, Tonk Road, Jaipur.
24. Rajasthan Financial Corporation,
Udyog Bhawan, Tilak marg, Jaipur.
25. Development Commissioner & Economics Consultant,
Small Industry Ministry Nirman Bhwan, New Delhi- 11
26. CERAMIC CENTRE, Ceramic & Electrical Vikash Samiti, Karni
Ind. Area, Pugal Road, Bikaner