

BRIEF INDUSTRIAL PROFILE SOUTH GOA DISTRICT



MSME DEVELOPMENT INSTITUTE - GOA





सत्यमेव जयते
Government of India
Ministry of MSME

Brief Industrial Profile of South Goa District



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

Carried out by

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FOREWARD

Micro, Small & Medium Enterprises Development Institute (MSME-DI), Margao-Goa has prepared District Industrial Profile of South Goa District under its action plan activities for 2016-17. The Profile has been prepared after collecting, collating and compiling all relevant information & data, which have been duly analysed and incorporated in the profile. Interaction with other Departments and Industry Associations are also taken into account while making the Profile. It contains such information as present status of MSME and its growth over the years. The prospect for setting up of new enterprises is analysed at the backdrop of availability of material resources, support institutions, existing infrastructure, and policy frame work set out by the Government. It is hoped that Entrepreneurs, Developmental Agencies and Policy formulators shall find the profile informative & useful.

I would like to place on record, the efforts made by Smt. Deepa G L Asstt. Director (EI) in preparing this profile.

*Margao
August 2016*

*G.R Akadas
Director*

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SOUTH GOA DISTRICT MAP



1. General Characteristics of South Goa District:

Goa state is comprised of two districts namely North Goa and South Goa. Exotic beaches and heritage villages in South Goa district attracts tourists from all over the world. Colva beach, Agonda beach and Palolem beach are the major beaches in South Goa district. Relics of rich Portuguese architectural legacy are visible in the district.

Margao is the commercial capital town of South Goa District. Two National highways NH 17 and NH 4A pass through the district. Konkan Railway and South Central Railway also pass through the district. A major cargo handling Port is at Mormugao in South Goa. Dabolim Air Port existing

in this district connects the State with major cities in the country and with many of the international cities.

1.1 Location & Geographical Area:

South Goa district lies between the latitudes of 15°29' 32" N and 14°53' 57" N and longitudes of 73° 46'21" E and 74 °20'11"E. South Goa district is bounded by Arabian Sea to the west, North Goa district to the North and Uttar Kannada district of Karnataka to the East and South. The district covers a geographical area of 1,946.09 Sq. km.

1.2 Topography:

Geographically the district is divided into low lands, plateau and mountainous region.

Low land area is mainly coastal lines. Many beaches are located in this area. This area is fertile and hence thickly populated.

The plateau region exists between the mountain region in the east and the lowlands in the west. In this region, plenty of lateritic stone are found which are used for building purposes. Some of the part of plateau land is called headlands and lighthouses are built on these headlands. Sahyadri Mountains are to the east of South Goa. This part is covered with dense forest. Famous peaks in South Goa are Chandranath at Paroda, Dudhsagar in Sanguem taluka and Cormolghant in Canacona taluka. Major rivers flowing through the district are Zuari, Talpona, Sal and Galgibag.

South Goa district has a tropical climate. The district gets rain from South-West monsoon winds during June-September. The rainfall is more in the mountain region than in the coastal region. The district has cool climate during the months of October-January. It starts getting warmer from February and remains till May.

1.3 Availability of Minerals:

South Goa is rich in natural resources like iron, bauxite and manganese ores. These ores are exported mainly to China, Japan, South Korea and some European countries. Inland waterways play an important role in transportation of mineral ores from the mining sites in Sanguem taluka namely Costi, Kirpal, Netraivalim, Rivona, Ducorcond and Kuddegal to the Mormugao harbour for export.

Production and export details of major minerals for the state of Goa are depicted in the table below.

Table 1: Production and Export of major minerals for the state of Goa

Sl.No	Name of Mineral	Production (in Million Tonnes)		Export (in Million Tonnes)	
	Major Mineral	2013-14	2014-15	2013-14	2014-15
1	Iron Ore	NIL	NIL	.071	0.923
2	Manganese Ore	NIL	NIL	NIL	NIL
3	Bauxite	0.444	0.2685	0.153	0.2672

Source: Directorate of Mines & Geology, Goa

1.4 Forest

In South Goa district, 42 % of the total geographical area is under forest. Area under forest is maximum in Sanguem Block. There are three wild life sanctuaries and a national park constituting 71% of the forest area. Block-wise area under forest in the district is given in the table below.

Table 2:Block-wise area under forest

Sl.No.	Block	Forest area(Ha)
1	Salcete	8
2	Mormugao	-
3	Sanguem	56925 (64%)
4	Quepem	11491(26%)
5	Canacona	18582 (53%)

Source: NABARD Potential Linked Credit Plan (PLP) South Goa (2016-17)

The primary forest species in the district are teak, eucalyptus, bamboo, casuarinas and plantation crops like cashew, rubber etc. planted by the Govt. The produce from the forests are mainly timber/wood based.

1.5 Administrative set up:

For administrative convenience the district is divided into five sub divisions and six talukas. Sub divisions include Salcete, Mormugao, Quepem, Canacona and Dharbandora and Talukas include Salcete, Mormugao, Quepem, Sanguem, Canacona and Dharbandora

Talukas are further subdivided into revenue circles and circles into revenue sazas. Saza consists of a group of villages which is under the charge of a Talathi. Circle inspector is in-charge of the group of sazas of that revenue circle. Mamlatdar is the head of Taluka revenue office. Dy. Collector & SDO is the head of the subdivision. The District Revenue Administration is headed by the Collector with the headquarters at Margao.

2. District at a Glance

Table 3: District at a glance

Sl. No.	ITEM	Reference Period	South Goa						
			Sangue m	Dharbandora	Canac on a	Quepe m	Salcete	Mormuga o	South Goa
I.	TOWNS & VILLAGES								
1.	Total number of villages	2011	51	NAS	8	35	35	11	140
2.	i) No. of inhabited villages	2011	45	NAS	7	35	35	10	132
	ii) No. of un-inhabited villages	2011	5	NAS	1	-	-	1	7
	iii) No. of submerged villages	2011	1	NAS	-	-	-	-	1
3.	No. of towns	2011	2	NAS	1	3	13	4	23
2.	AREA&POPULATION								
1.	Area (Sq.Km.)	2011	873.75		352.04	318.24	292.94	109.12	1,946.09
2.	Total population	2011	65,147	NAS	45,172	81,193	2,94,464	1,54,561	6,40,537
3.	Density per Sq.Km.	2011	75	NAS	128	255	1005	1406	329
4.	Total No. of Household	2011	15,068	NAS	10,239	19,119	71,717	35,702	1,51,845
5.	Male population	2011	32,623	NAS	22,532	40,722	1,45,448	81,138	3,22,463
6.	Female population	2011	32,524	NAS	22,640	40,471	1,49,016	73,423	3,18,074
7.	Rural population	2011	53,600	NAS	32,738	36,234	82,000	22,232	2,26,804
8.	Urban population	2011	11,547	NAS	12,434	44,959	2,12,464	1,32,329	4,13,733
9.	No. of main workers	2011	20,335	NAS	13,613	24,821	93,887	53,960	2,06,616
10.	Mainworkersparticipation rate to total population (%)	2011	31.21	NAS	30.14	30.57	31.88	34.91	32.26
3.	AGRICULTURE								
1.	Net area sown (Ha)	2014-15	10549	3301	9682	10021	16627	2263	52443
2.	Area sown more thanonce(Ha)	2014-15	1670	439	1185	2447	3745	1138	10624
3.	Gross cropped area (Ha)	2014-15	12219	3740	10867	12468	20372	3401	63067
4.	Area under paddy (Ha)	2014-15	2030	975	3340	5800	7770	850	20765
5.	Areaunder cereals, millets/ pulses & oil seeds (Ha)	2014-15	30	0	37	6	740	530	1343
6.	AreaunderSugarcane(Ha)	2014-15	411	29	72	164	3	0	679
7.	Area underCoconuts(Ha)	2014-15	2733	283	1790	2195	6128	1258	14387
8.	AreaunderAreanuts(Ha)	2014-15	88	54	75	61	0	0	278
9.	AreaunderCashew(Ha)	2014-15	5102	1860	3410	2565	1945	378	15260
10.	Areaundervegetables(Ha)	2014-15	155	95	675	215	1915	193	3248
11.	Areaundergardencrops(Ha)	2014-15	1196	327	1395	1198	1861	189	6166
12.	Average yieldofRice/Ha.(kg)								
	a) Kharif	2014-15	2913	2906	3037	3051	2962	2967	2995
	b) Rabi	2014-15	2641	2845	2653	2864	2897	2737	2792
13.	Normal rainfall (m.m)	1951-2000 (Avg)	3776.9	-	-	-	3135.8 \$	2682.4	3085
14.	Actual rainfall (m.m)	2014	4434.5	-	3565	3444.4	4064.3 \$	2840.6	3516.9
4.	ANIMAL HUSBANDRY								
1.	No. of veterinary hospitals	2014-15	0	0	0	0	1	0	1
2.	Livestock and Poultry	2012	13459	36022	27364	34457	93549	10033	214884
	i) No. of Cattle	2012	3069	2739	8495	6124	6546	484	27457
	ii) No. of Buffaloes	2012	1124	1782	1279	2515	5911	214	12825
	iii) No. of Pigs	2012	1341	121	4305	2603	23893	2574	34837
	iv) No. of other animals	2012	6	9	3	6	7	0	31
	v) (a) No.ofpoultry(Backyard)	2012	5763	4140	8528	10914	39298	3274	71917
	(b) No. of poultry (Birds in farm)	2012	0	25522	0	7000	530	0	33052

	vi) Goats	2012	415	275	2149	2192	1633	423	7087
	vii) Dogs	2012	1732	1395	2605	3098	15698	3036	27564
	viii) Rabbits	2012	9	39	0	5	33	28	114
5.	EDUCATION								
1.	Total literacy rate (percent)	2011	83.43	NAS	84.68	82.93	89.34	89.3	87.59
2.	No.ofcolleges(Arts, Science& Commerce)	2014-15	0	0	1	1	6	1	9
3.	No. of colleges for professional education	2014-15	0	0	0	0	5	1	6
4.	No. of I.T.I s	2014-15	0	0	1	1	2	1	5
5.	No. of schools for professional education (post - matric level)	2014-15	0	0	0	2	2	1	5
6.	No. of students in colleges general education	2014-15	0	0	414	0	4201	1060	5675
7.	No. of students in colleges for professional education	2014-15	0	0	0	0	2448	13	2461
8.	No. of students in I.T.I s	2014-15	0	0	267	272	464	176	1179
9.	No. of libraries(private)	2014-15	2	2	4	2	1	4	15
10.	No. of libraries(government)	2014-15	3	4	2	5	5	1	20
6.	BANKING								
1.	No. of scheduled commercial banking offices excluding Co-operative Bank	As on 31/03/14	13	4	15	19	148	54	253
2.	No. of co-operative banking offices	As on 31/03/14	3	1	5	7	25	14	55
7.	CO-OPERATION								
1.	No. of co-operative Societies functioning	2014-15	141	36	198	269	859	322	1825
2.	No. of service co-operative societies functioning	2014-15	5	4	1	2	16	4	32
8.	TRANSPORT AND COMMUNICATION								
1.	No. of taxis plying on the road (black & yellow)	2014-15	0	0	3	1	105	205	314
2.	No. of Post Offices	2014-15	9	7	11	10	48	15	100
3.	No. of urban Post Offices	2014-15	2	0	2	2	12	8	26
4.	No. of rural Post Offices	2014-15	7	7	9	8	36	7	74
5.	No. of Telegraph Offices	2014-15	0	0	1	1	1	2	5
6.	No. of telephones in use								
	i) Rural	As on 31/03/15	1165	-	1766	601	11554	898	15984
	ii) Urban	As on 31/03/15	435	-	1409	3082	26858	10615	42399
9.	No. of Police Stations	2014-15	1	1	2	2	6	6	18

Source: Goa at a glance 2015

3. Industrial scenario of South Goa District

Goa state which was traditionally a rural economy has slowly transformed into a fast growing industrial centre. Major industrial activities encompass Pharmaceutical, Mining, Tourism, Marine based, Electrical, Electronic and Ship building activities.

Natural beauty of Goa attracts tourists from all over the world creating a flourishing tourism Industry. Due to this, the hospitality industry thrives in the state throughout the year.

Government of Goa in its recent investment policy has identified certain thrust areas for investment namely Knowledge based industry, R&D centres, Pharmaceuticals & Bio-Technology, Tourism, Light Engineering, Aviation, Aerospace and Defence, Information Technology (IT), Electronics, Agro-based and Food Processing Industries

Predominant Industrial activities in South Goa district include manufacturing of Pharmaceuticals, Ship Building, Electronics, Food Processing etc. About 70% of manufacturing units are located in Salcete, Ponda and Mormugao blocks.

3.1 Trend in Registered MSME Units of South Goa district

The table below gives the trend in Micro, Small and Medium enterprises registered with Directorate of Industries Trade and Commerce, Goa under EM part II. .

Table 4: Year-wise units registered under EM part II.

South Goa District												
Year	UNITS				EMPLOYMENT GENERATED				INVT. IN PLANT & MACHINERY (in lakhs)			
	Micro	Small	Medium	Total	Micro	Small	Medium	Total	Micro	Small	Medium	Total
Oct. 06 to Mar. 07	1	0	0	1	103	0	0	103	15.00	0.00	0.00	15.00
2007-08	21	8	0	29	165	265	0	430	154.73	741.28	0.00	896.01
2008-09	31	12	0	43	386	337	0	723	171.62	1507.35	0.00	1678.97
2009-10	47	20	3	70	364	538	128	1030	270.65	2556.33	2225.25	5052.23
2010-11	44	18	1	63	303	653	39	995	286.21	2573.56	765.00	3624.77
2011-12	42	27	0	69	328	1252	0	1580	339.39	4845.72	0.00	5185.11
2012-13	35	30	2	67	230	1447	240	1917	289.97	5393.08	1266.00	6949.05
2013-14	74	33	3	110	595	1493	347	2435	447.72	4264.11	1892.36	6604.19
2014-15	51	33	4	88	420	955	239	1614	324.04	2780.90	2473.90	5578.84
TOTAL	346	181	13	540	2894	6940	993	10827	2299.33	24662.33	8622.51	35584.17

Source: Directorate of Industries Trade and Commerce, Goa

3.2 Product-wise Classification of MSMEs in South Goa district

Table below gives an idea of Product-wise Classification of registered MSME

Table 5: Product-wise Classification of Registered MSMEs

Sr. No.	Product Group	No. of Units Registered	
		2013-14	2014-15
1	Food Products	9	7
2	Beverages & Tobacco Products	4	8
3	Jute, Hemp & Mesta Textile	0	0
4	Textile Products & Garments	0	1
5	Wood Products & Wooden Furniture, Fixture	8	4
6	Paper Products including Printing / Publishing	7	5
7	Leather & Leather Products	0	0
8	Rubber, Plastic, Petroleum and Coal Products	7	4
9	Chemical Products (except Petroleum and Coal Products)	5	3
10	Non Metallic Minerals	2	5
11	Basic Metal & Alloys	16	18
12	Metal Products & Parts (except M/c. & transport eqpt.)	0	1
13	Machinery, Tools & Parts (except & electrical M/c.)	3	0
14	Electrical Machinery & Apparatus & Supplier Parts	3	7
15	Transport Equipment & Parts	0	0
16	Other Mfg. Industries	19	9
17	Repair / Services	27	15
	TOTAL	110	87

Source: Directorate of Industries Trade and Commerce, Goa

3.3 Details of Artisan units in South Goa District

Craftsmanship of the local artisans in Goa has carved out a niche for itself. The art and craft of Goa displays the aesthetic blend of Portuguese and Indian cultures. The products are sold through handicraft emporia at all the major tourist spots.

The major art forms of the state include bamboo craft, woodcarving, pottery and terracotta craft, brass metals, seashell craft, wooden lacquer ware. Other important crafts are jute macrame, fabric collage, plaster of paris, crochet and embroidery, fibre work, batik prints, stone carving, coconut shell carving, metal embossing, silver and imitation jewellery, soft toys, woollen tapestry and artistic weaving.

The Goa Handicrafts, Rural & Small Scale Industries Development Corporation Limited (GHRSSIDC), a Government of Goa undertaking, set up in 1980 performs the role of promoting and marketing the Goan handicrafts by making these items available through its various outlets.

In South Goa district artisans are engaged in the activities of woodcarving, carpentry, blacksmith, bamboo and cane works, embroidery / crochet, pottery etc.

3.4 Large Scale industries in South Goa District

Details of Large Scale Industries in South Goa district is shown in Annexure 1

3.5 Existing Status of Industrial Areas in South Goa District

The Goa Daman and Diu Industrial Development Corporation (GDDIDC) (presently renamed as Goa Industrial Development Corporation) was established by the Government of Goa, Daman & Diu in February 1966 under the provisions of Goa, Daman and Diu Industrial Development Act, 1965 with the aim of assisting in the rapid establishment of industries in Industrial Areas and Industrial Estates in Goa.

There are ten Industrial areas in the district the details of which are given in the table below.

Table 6: Existing Status of Industrial Area in South Goa District.

Sr. No.	Name of Ind. Area	Land acquired (in m2)	Land developed (in m2)	Prevailing Rate per Sq.m(in m2)	No. of plots	No. of allotted plots	No. of vacant plots	No. of units in production
1.	Shiroda	105100	33724	1250.00	15	02	13	---
2.	Cancona	143310	78197	750.00	97	95	02	30
3.	Kakoda	260845	153460	1250.00	176	173	03	55
4.	Cuncolim	972335	592202	1250.00	231	228	03	91
5.	Margao	292551	186440	1500.00	168	168	Nil	110
6.	Verna	7049594	5303963	2000.00	750	749	01	315
7.	Sancaole	429282	301957	2000.00	264	264	Nil	155
8.	Sanguem	498850	219720	750.00	41	13	28	02
9.	Panchawadi	216139	134029	Not fixed	64	---	64	---
10.	Quittol	883576	Not developed	Not fixed	---	---	---	---

Source: Goa Industrial Development Corporation.

3.6 Existing Status of Industrial Estates in South Goa District

There are ten Industrial Estates in South Goa District details of which are given in the table below.

Table 7: Existing Status of Industrial Estates in South Goa District.

Sr. No.	Name of Ind. Estate	Total no. of Sheds	No. of allotted Sheds	No. of vacant Sheds	No. of Units in production
1	Shiroda	Nil	---	---	---
2	Cancona	27	27	Nil	15
3	Kadkoda	45	45	Nil	42
4	Cuncolim	06	06	Nil	06
5	Margao	98	98	Nil	94
6	Verna	06	06	Nil	06
7	Sancaole	101	101	Nil	95
8	Sanguem	Nil	---	---	---
9	Panchawadi	Nil	---	---	---
10	Quittol	Nil	---	---	---

Source: Goa Industrial Development Corporation.

4. Major Exportable Items in South Goa District

Major items being exported from Goa are iron ore, marine products, pharmaceutical products and cashew products.

Goa is a major iron ore exporting state and over 60% of country's iron ore export is from Goa. Quepem, Sanguem and Dharbandora are the mining blocks in South Goa. There are 157 pharma companies operating in Goa with 86 of them located in South Goa. The major Pharma companies, such as Cipla, Merck, Watson, Wyeth, Ranbaxy, Pfizer, Ratiopharm and Lupin are exporting drugs. There are 398 cashew processing units in Goa with a processing capacity of 35000 MT. But there are only a few exporters of processed cashew. The engineering industries like IFB, D-Link, Zenith Industries, etc, are the major exporters of electronic products though Mormugao Port Trust.

Products from other sectors such as engineering goods, ophthalmic lenses, concrete products, handicrafts, textiles, incense sticks, ayurvedic health foods and fashion footwear are also making inroads into export market.

5. Vendorisation of Industries

Goa Shipyard Ltd. (GSL) is the only PSU in Goa. GSL identified 28 generic items out of 358 items reserved only for MSEs the details of which are provided in the website of GSL www.goashipyard.co.in

24 prospective Vendors have applied for registration during 2015-16. GSL is actively participating in the Vendor Development Programmes organized by MSME DI to create awareness among MSE about the requirements of input product profile and encourage for registration.

Table 8: Cumulative Number of vendors registered year wise with GSL

No. of Vendors Registered	2013-14	2014-15	2015-16
	102	115	141

Source: Goa Shipyard Ltd. (GSL)

Annual procurement details of GSL for the last three years are shown in the table below.

Table 9: Year-wise Annual procurement details of GSL

Sl No	Particulars	2013-14	2014-15	2015-16
1	Total annual procurement (In value)	308.2 CRORE	80.96 CRORE	293.1 CRORE
2	Total value of Goods & services procured from MSEs	4.5 CRORE	18.57 CRORE	64.55 CRORE
3	Percentage procurement from MSEs out of total procurement	1.5%	22.93%	22.03%

Source: Goa Shipyard Ltd. (GSL)

6. Service Enterprises in South Goa District

The key service sectors in the district include Tourism, Hospitality & Travel, Transportation/Logistic/Warehousing & Packaging, IT/Software & IT enabled services.

6.1 Potential areas of Service Enterprises in South Goa

1. Power laundry
2. Vehicle Service Station
3. Wheel balancing/Car Washing
4. IT Enabled Services
5. Maintenance contract of Computers
6. Mobile Phone Repairing
7. TV/Video Equipments Repair & Servicing
8. Beauty parlour
9. Tailoring shop
10. Event Management Services
11. Cyber Café and Data Processing
12. Ice Cream Parlour/Cold Drink Shop
13. Fast Food Kiosks
14. Tourist information and support services
15. Air ticketing
16. AC Servicing & Repair Workshop
17. Advertising Agency
18. Eco-tourism and Adventure Tourism
19. Digital Photography Studio
20. Interior Design Services
21. Fitness Centres/Gyms
22. Hair Dressing
23. Hiring of water sports equipments
24. Software Development
25. Paying Guest Services
26. Packet Meals Services
27. Gift Articles shop
28. Aquarium
29. Crèches/Play Homes

7.Potential for new MSME in South Goa

There is scope for light engineering industries, defence products and components and value added agricultural, fish and animal husbandry produce.

1. Agricultural Resource based Activities:

- **Based on Coconut**

1. Preservation and packing of tender coconut water
2. Snow ball tender nut
3. Coconut jelly
4. Coconut vinegar
5. Desiccated coconut
6. Coconut chips
7. Bottled coconut milk
8. Virgin coconut Oil
9. Activated carbon
10. Coconut shell based handicrafts.

- **Based on cashew apple**

1. Cashew apple Juice
2. Cashew apple candy
3. Cashew apple jam
4. Cashew apple pickle
5. Cashew feni
6. Cashew Shell Oil

- **Based on Jackfruit**

1. Ready to use chopped Jackfruit.
2. Jackfruit pickle.
3. Jackfruit pappad, pakoda, chips
4. Jackfruit halwa, jam, wine, squash.

- **Based on Arecanut leaves**

Disposable cups and plates

- **Based on Mangoes**

1. Frozen mango pulp
2. Mango bar
3. Dehydrated mango powder
4. Dehydrated ripe mango slices
5. Mango pickle

2. Activities under Horticulture

1. Flower bouquets making
2. Polyhouses for
 - a. flowers like orchids, gerbera, chrysanthemum, anthurium,
 - b. vegetables like capsicum, cucumber
3. Fruits and spices cultivation
4. Vegetable cultivation
5. Mushroom Cultivation

3. Fisheries related activities

1. Value added fish products
2. Brackish water prawns farming
3. Fresh water fish culture

4. Animal Husbandry related

1. Dairy farming
2. Calf rearing
3. Modern dairy units

5. Tourism related activities:

1. Erection of shacks, tents, huts to entertain tourists
2. Cruise tourism
3. Medical tourism
4. Cultural tourism
5. Adventure tourism
 - a. in water like water sports
 - b. in land area like trekking, biking, wild life safaris.
6. Dolphin cruises and crocodile spotting, island trips, paragliding and parasailing.
7. Ecotourism

6. Based on Human Resource:

1. IT enabling service operations.
2. Software Development
3. BPO

7. Demand based activities:

1. Bread & Bakery products
2. Masala Powder
3. Packaged Drinking Water
4. Cold Drink and Aerated Water
5. Paper Bags
6. Paper disposable cups/plates
7. Uniforms for Hotels & Restaurants and Industry
8. Consumer Chemical Products like Phenyl, liquid soap, floor cleaner, Air fresheners, naphthalene Balls,
9. Decorative Candles
10. Handicrafts including terracotta, sea-shell products.
11. Cotton & Jute Bags
12. Artificial/imitation jewellery
13. Herbal Products

8.Existing Cluster of Micro and Small enterprises

8. 1 Existing Cluster in Manufacturing Sector

1. Pharmaceutical Cluster
2. Cashew Nut Cluster

1. Goa Pharmaceutical Cluster

Name of the cluster	: Goa Pharmaceutical Cluster
Location	: Margao, South Goa
Principal Products Manufactured in the Cluster injectibles	: Tablets, capsules, ointments, liquid orals,
Name of the SPV	:Goa Pharmaceutical Manufacturers Association
No. of functional units in the clusters	: 40
Turnover of the Clusters	: 10,000 Cr (2011- 12)
Value of Exports from the Clusters	: 5,000 Cr (2011-12)
Employment in Cluster	: 10,000 Cr
Investment in plant & Machinery	: 500 Cr

2. Goa Cashew Cluster

Name of the cluster	: Goa Cashew Cluster
Location	: Morpirla, Quepem, South Goa
Principal Products Manufactured in the Cluster	: Cashew Kernels
Name of the SPV	: Goa Cashew Entrepreneurs' Welfare Society
No. of functional units in the clusters	: 300
Turnover of the Clusters	: 45 Cr
Value of Exports from the Clusters	: 15 Cr
Employment in Cluster	: 45,000 man days
Investment in plant & Machinery	: 2.5 Cr

8.2 Cluster in Service Sector in South Goa

There are no identified clusters in the Service Sector in South Goa.

9.GeneralIssues raisedby Industry Associations

The biggest hurdle to manufacturing in Goa is lack of availability of land. Quality of Power is not up to the mark. There is frequent shut down in power supply. The increase in the power tariff as per the notification issued under various sections of Electricity Act on 24th April, 2015 has affected MSME. Hospitality Industry is affected most due to Time of Day Tariff Order which has notified 6:00 PM to 11:00 PM as Peak Demand Period with tariffs 20% higher than normal tariffs. It is inconvenient for the Goan Industry to take up electricity issues with Joint Electricity Regulatory Commission which operates from Gurgaon in Haryana, near New Delhi.

Goa's remarkable performance on a number of human development indices combined with the preference of locals for white collar jobs and relatively high wages creates the labour scarcity. Non availability of skilled labour, technology obsolescence, market fluctuation, non-availability of timely credit etc are the factors which are acting as hindrance to the development of MSME. The depressed market conditions have put many existing units under financial strain.

Currently Micro and Small enterprises are not able to avail land in Industrial estates since land is allotted in big size which are not fully utilised. Associations demanded setting up of Plug and Play Gala type Industrial Sheds for Micro & Small enterprises.

The current status of most Industrial Estates are precarious. Industrial Estates have to be self sufficient with dedicated power, water etc. Measures are to be taken to modernise the Industrial estates. Recently increased sub-leasing charges by Goa Industrial Development Corporation affect new entrepreneurs adversely.

Associations have recommended that a task force may be constituted to look into formulating processes for easy approvals and reducing the cost of doing business in the state.

The tele-communication infrastructure in the state is very poor and connectivity in the hinterland is to be improved. The telecom operators have been finding it very difficult to install towers and provide the required infrastructure within the State. Various hurdles like approvals from multiple statutory agencies and panchayats have been hampering the installations. Tower Policy should be framed for installation of towers. Industrial Estates and planned clusters and the tourist spots in the State are to be equipped with Wi-Fi. World class infrastructure in telecommunications is the need for the hour in the State.

10. Departments/Offices related to MSME in Goa

List of Industry related Government Departments in Goa

Sl. No	Name of Department	Address	Phone No./Fax (0832)	Email
1.	Directorate of Agriculture	Krishi Bhavan, Tonca, Caranzalem-Goa-403002	Tel : 2465443 Fax : 2465441	dir-agri.goa@nic.in
2.	Directorate of Animal Husbandry & Veterinary	Pashusamvardhan Bhavan, Patto - Panaji - Goa	Tel : 2437244 Fax: 2437244	dir-ahvs.goa[@]nic.in
3.	Inspectorate of Factories & Boilers	Altinho, Panaji, Goa - 403001	Tel : 2226181 Fax : 2226510	ifb.goa[@]nic.in
4.	State Directorate of Craftsmen Training	Shrama Shakti Bhavan, Panaji - 403001, Goa.	Tel : 2437059 Fax : 2437060	dir-sdct.goa@nic.in
5.	Economic Development Corporation	EDC House, Dr AtmaramBorkarRoad, Panaji-Goa.	Tel : 2423680 Fax : 2224938	edcpanaji@edc-goa.com
6.	Directorate of Fisheries	DayanandBandokarMarg,,Panaji - Goa	Tel : 2224838 Fax : 2231049	dir-fish-goa[@]nic.in
7.	Directorate of Food and Drugs Administration	Dhanwantari,,Opposite Shrine of the Holy Cross Bambolim - Goa - 403202	Tel : 2459226 Fax : 2459223	dir-fda.goa@nic.in
8.	Goa Industrial Development Corporation	Plot No. 13-A-2,EDC Complex, PattoPlaza,Panjim - Goa	Tel : 2437470 Fax : 243747	goaidc1965@gmail.com
9.	Goa Co-op Mktg and Supply Federation Ltd,	Sahakar Bhavan, MunicipalMarket,Panaji-Goa.	Tel : 2225670, Fax: 2224719	goamktg.fed@rediffmail.com
10.	Goa Handicrafts Rural & Small Scale Industries Development Corporation	Crafts Complex, Neugi Nagar, Rua de Ourem, Panjim - Goa.	Tel : 6450735	md@ghrssidc.org / ghrssidc@gmail.com
11.	Goa State Horticultural Corporation Ltd.	KrishiBhavan,Tonca, Caranzalem,Goa.	Tel : 2461202 Fax : 2461202	horticultural@dataone.in
12.	Goa State Infrastructure Development CorporationLtd.	EDC House 7th Floor,Dr.AtmaramBorkarRoad,Panaji, Goa	Tel: 645769/70 Fax : 2226256	email@gsidcltd.com
13.	Goa State Pollution Control Board	Dempo Tower 1st Floor,EDCPattoPlaza,Panaji, Goa-403 001	Tel : 2438528 Fax : 2438528	goapcb@rediffmail.com
14.	Directorate of Industries, Trade & Commerce	1st Floor, Udyog Bhavan,Panaji, Goa.	Tel : 2222241 Fax : 2224116	dir-indu.goa[@]nic.in
15.	Department of Information Technology,	2nd Floor, Above Alcon Hyundai Showroom, Porvorim, Bardez-Goa	Tel : 2411505, Fax : 2411490	dir-dit.goa@nic.in
16.	Goa Khadi & Village Industries Board	Junta House 2nd Floor,PanajiTiswadi,Goa-403 001	Tel : 2221452 Fax : 2222494	goakvib@yahoo.co.in
17.	Directorate of Women & Child Development	2nd Floor, Old Education Building, 18th June Road, Panjim-Goa.	Tel : 2235308, Fax : 2424238	dir-wcd.goa[@]nic.in
18.	NABARD	Chief General Manager 3rd Floor, NizariBhawan, Menezes Bragança Rd, Panjim, Goa 403001	Ph: 0832 2220490	Email : panaji@nabard.org
19.	Khadi and Village Industries Commission	Municipality Building, AtmaramBorkar Road, Panaji-Goa- 40300	Ph: 0832 223 2746	

Annexure I

Details of Large Scale Industries existing in South Goa District

Sl. No.	Name of the Project	Item of Manufacture	Location	Cost of Project (in. Crores)	Employment (Goan & N. Goan)	Power
1	Goa Shipyard Ltd.	Ship construction, ship repairs, patrol vessel, missile craft, sail trading ship	Vadem, Vasco-da-Gama, Goa	572.12	2224	2500 KVA
2	Zuari Industries Ltd.	Ammonia, Urea, Compound Fertilizers, and DAP	Sy.No.163 & 157,Zuarinagar, Mormugao, Goa.	362.98	563	16700KVA
3	Goa Carbon Ltd.	Calcined petroleum Coke	St.Jose de Areal, Salcete/Costi	3.36	121	3500 KVA
4	GovindPoy Oxygen Ltd.	Industrial Oxygen, nitrogen, Dissolved, acetylene, Argon, compressed AirMedicinalOxygen.	Arlem, Raia, Salcete,Goa	6.49	32	250 KW
5	Automobile Corporation of Goa Ltd. (Unit-II)	Building of Bus Bodies.	Survey no.39/3, Bhuimpal, Sattari, Goa.	10.65	395	1000 KVA
6	Menezes Fishnet Industries Pvt. Ltd.	HDPC fishnets & nylon fishnet	Murda, Mercedes, Tiswadi	0.46	35	
7	Goa Resistors Pvt.Ltd.	Carbon film & metal film resistors	Colem, Sanguem	0.83	61	250 KVA
8	Ferro-Met Concentrates	Iron ore concentrates	Sanvordem, Quepem, Cuddegal Mine, Sanguem	13.19	273	2000KW
9	IFB Industries Ltd.	Automatic washing machine/Cloth Dyer	L-1, Verna Industrial Estate, Verna, Salcete, Goa	128.47	250	500 KVA
10	Marmagoa Steel Ltd.	Steel Ingots & Relied Products	Survey No.280, EclateCuncolim, Salcete, Goa	100.00	268	2400 KVA
11	Titan Time Products	Electronics Circuit Boards	L-15, Verna Inds. Estate,Verna, Salcete, Goa	8.20	136	200 KVA
12	Karthik Alloys Pvt.Ltd.	High Carbon Ferro Manganese, Ferro Silicon, manganese Silicon	L-6 & L-7Cuncolim Ind. Estate,Cuncolim, Salcete Goa	15.03	53	4500 KVA per month
13	Siemens Ltd.	X-ray equipments, diagnoseticequipments, computerised axial, tomography scanners (Medical Diagnostic Equipment)	L-6, Verna Inds Estate, Verna Salcete, Goa,	6.34	73	450 KVA
14	Resources International <i>transferred to</i> : Salgaocar Mining Inds.	Processed iron ore (fines) lumps	Codli in Sanguem	2.16	30	940 KVA
15	E-Wha Foam India Ltd.	Polyethylene Foam & other laminades	Sancoale,, Mormugao, Goa	5.95	55	350kva
16	Unidian Abrasives Ltd.	Sintered Ind. Diamond tools & sintered ferrite	Verna, Salcete, Goa	3.09	35	250kva
17	Famy Care Ltd.	Copper-T Intra Uterine devices	L-20, Verna Inds.Estate, Verna, Salcete, Goa	3.05	32	135 KVA

18	Marksans Pharma Limited	Mfg. of Tablets & Capsules	Plot No.L-82 to L-83,VernaIndl Estate, Verna, Goa.	29.50	92	750 KVA
19	Western India Shipyard Ltd.	Shipparts in the course of ship repairs & ship building	MormugaoHabour, Berth, Nos1,2,3,4(part) of MPT	214.45	453	2200 KVA
20	Indoco Remedies Ltd.	Pharma products (Ampoulesvials, eye drops)	L-32,33,34, Verna Industrial Estate,Verna, Salcete, Goa	25.47	136	1450 KVA
21	Kare Pharma	Injectables, tablets, capsules, etc.	Verna Growth Centre, salcete	4.07	122	250 HP
22	Smart Link Network Pvt.Ltd.(Unit-I)	Computer Networking Products	L-5,Verna Growth Centre, Salcete, Goa	62.73	400	900 KVA
23	Xedd Telecom Ltd	Multi ccess rural aradio 2/15 Phases systems 4/32 shared systems	Verna Growth Centre, Salcete	6.50	60	75 KVA
24	DCI Pharmaceuticals Pvt. Ltd.	Injectables, tablets capsules, etc.	Verna Growth Centre, Salcete	4.07	122	2.5 Hp
25	Himachal Futuristic Communications Ltd.	Optical Fibre Cable	L-35, 36 & 37 Phase-II, Verna Electronic City.	63.80	71	380 KVA
26	Betts India Pvt. Ltd.,	Aluminium foil & polymer based laminated tubes & tube components	Plot No.L-78, Verna Indl.Estate, Verna, salcete, Goa	82.30	97	700 KVA
27	Nicomet Industries Ltd.,	Cobalt metal & its salts. , Nickel Metal , Copper Metal , Lead sulphate ,Cadium Hydroxide/Oxide,Sodium sulphate crystals., Cadmium Carbonate,CopperCarbonates,Zinc Sulphate solution., Zinc Carbonate-. Lead Sulphate+Ferrichydroxide	L-15,19&20, Cuncolim Industrial Estate, Cuncolim, Salcete,Goa.	71.95	170	15000 KV
28	Rex Instruments Pvt.Ltd.	Brass tips for ball pens	Margao Inds. Estate, Margao, Salcete, Goa,	4.96	25	160 KVA
29	Sea Rock Printers <i>Merged with</i> Borkar Packaging	Printed cartoons/printed sheets	Margao, salcete	2.37	16	22.5 KVA
30	Vibgyur Casting Ltd	Powder Coatings	Cuncolim, Salcete	16.60	80	120 KVA
31	Pentair Water India Pvt. Ltd.,	1. Composites pressure vessels based on Fibre Glass Resin including pressure vessels composites, FRP tanks and Poly glass tanks. 2. Pumps submersible VMS- Horizontal - Inline-single- Emperial driven sewage. 3. Water Treatment Systems	L-52,55, Verna Inds. Estate (Phase II) Verna, Salcete, Goa	37.64	418	2347 KVA (Reliance power)
32	Sanofi India Limited	Pharmaceutical products; 1. Tablets	L-121, Verna Inds. Estate (Phase III), Verna, Salcete,Goa	47.74	42	1032 KVA (Reliance power)
33	Parle Exports	Bisleri Water Pet Bottles/Jar	L-72, Verna Inds. Estate, Verna,Salcete, Goa	1.75	18	200 KVA

34	Astra Metal System Pvt.Ltd.	Precision sheet metal components powder coated	Verna Inds Estate, Verna, Salcete	2.22	53	300 KVA
35	Ion Exchange (I) Ltd.	Water treatment plants	L-48/49, Verna Inds. Estate, Verna, Salcete, Goa	3.79	53	100 KVA
36	Andrew Telecommunication India Pvt.Ltd.	FXL Aluminum Cables	Plot No.2, Phase-IV, Verna Indl Estate, Verna, Salcete, Goa.	80.2	392	1350 KVA
37	Prince Multiplast	Containers, plastic gates, pallets	L-10, Verna Indl. Estate, Verna, Salcete, Goa	6.85	54	950 KVA
38	Finolex Cables	flat polystyrene sheets	Verna Indl. Estate, Verna, Salcete	80.00	53	
39	Meta Copper & Alloys Ltd	alloy, strips & Foils dioxide solid, additional cups and discs from stamped & drawn copper & copper alloys	Sy. NO.82/1, Near Upasagar, P.O. Zuarinagar, Sancoale, Goa	295.11	392	
40	Hindustan Coca Cola Beverages	Non alcoholic Beverages	Plot M-2 to M-11, Verna Indl Estate, Verna, Salcete, Goa	47.00	76	650 KVA
41	Optic Fibre Goa Limited	Optical fibre, optical fibre cable accessories, FRP Rod, performance of silica & fibre ribbon	Plot No.L-62 to L-64, Verna Indl. Estate, Verna, Salcete, Goa	33.70	22	475 KW
42	Computer Graphics Limited	Photographic color paper, color films graphic art films, medical X'ray films, Graphic art film converter	Sancoale Industrial Estate, Sancoale, Mormugao, Goa	4.00	35	150 KVA
43	Universal Cables Limited	Optical fibre cable, jelly filled telephone cables, Electrical connectors of all types including winding wires pig tail & patch cords optical fibre cable, accessories fibre reinforce plastic rods photonic equipments.	Plot No.L-58 to L-60 Verna Indl. Estate, Verna Salcete	16.96	42	1500 KVA
44	Zuari Indian Oil Tanking Limited	Storage of petroleum Products, Naphta, HSD, SKO.	111/1, Sancoale Mormugao, Goa	52.00	44	1500 KVA
45	Finolex Cables Limited	Jelly filled telephone cables, 2500TCM optic fibre cables 100 TFKM & insulated wires & cables 100TCKM	Plot 123A/L9A Verna Indl. Estate, Verna, Salcete, Goa	24.22	53	650 KVA
46	Wyeth Limited	Pharmaceutical formulations	Plot-137, Phase III-A Verna Indl. Estate, Salcete, Goa	58.52	139	1300 KVA
47	Abbot Industries Ltd.,	Pharmaceutical formulations	L-18, Verna Industrial Estate, Verna, Salcete	27.14	70	4600 KWH/day
48	Timblo Enterprise Ltd.	Iron Ore fines Iron ore lumps	Cavrem, Colomba, Sanguem, Goa	7.41	26	500 KVA
49	Imphalla Distillery & Brewery Ltd.,	Beer & IMFL	Assolda, Quepem, Goa	13.05	38	680 KVA
50	Bharat Petroleum Corporation Limited	Augmentation Storage & Bottling of LPG /MS/HSD	Plot m-19 to M-35, Verna Indl Estate, Verna, Salcete	8.50	10	150 KVA

51	Colorcon Asia Private Ltd.	Dry dispersion, film coating materials, lake colors, trading of excipients & allied services for pharma industries	Plot M-14, 18, Verna Industrial Estate, Verna, Salcete.	41.63	140	2000 KVA
52	Aparant Iron & Steel Pvt. Ltd;	Pig iron	Village Costi, Kalay, Sanguem, Goa	121.93	204	4 M.W
53	Watson Pharma Pvt.Ltd.,	Pharmaceutical formulations	Plot No A3 to A6, Verna Indl Estate, Verna, Salcete, Goa.	32.00	38	2000 KVA
54	Lupin Limited	1. Tablets & 2. Capsules	B-15, Phase I - A, Verna Indl Estate, Verna, Salcete	127.94	485	1500 KVA
55	FDC Limited	Pharmaceuticals Products(Tablets & Capsules)	Plot 121 - B, Phase III C, Verna Industrial Estate, Verna, Salcete	34.07	65	750 KVA
56	Reliance Infrastructure Ltd	Electric Power Generation	Zuarinagar, Sancoale	176.23	49	Sourced internally
57	Mercury Link ystems Ltd.,	Automated Teller Machines, Computers	L-5,Verna Electronic City,Verna, Salcete, Goa	0.42	10	100 KVA
58	SrithikIspatPvt. Ltd,	Sponge iron, power generation	Plot No.3, Sanguem Industrial Estate, Sanguem, Goa	14.60	53	1 MVA
59	Goa Sponge & Power Ltd	Sponge iron, M. S. Billet, Power Plant	Survey No.58/1, 59/1,60/1(Part), Santona, Sanguem, Goa	133.67	128	12 MW
60	ShradhaIspat Ltd	Sponge Iron	Survey No.53/1, Santona, Sanguem, Goa	8.03	85	500 KVA
61	Micro Labs Ltd,	Pharmaceuticals formulations tablets & capsules	Verna Inds. Estate, Verna, Salcete, Goa	16.90	77	1000 KVA
62	MSPL Gases Ltd.,	Industrial oxygen, medical oxygen, nitrogen gas	B1, Phase-II, Margao Inds. Estate, Margao, Goa	2.99	29	700 KVA
63	Chowgule & Co. Pvt.Ltd.	Processing of M.S. plates for ship building/pipe binding fabrication.	Survey No.137/1, Gadegally, Sancoale, Mormugao, Goa	23.04	30	550 KVA
64	Indian Oil Corporation	No manufacturing activity	P.O.No.154, Vasco-da-Gama	35.50	69	325 KVA
65	Cipla Limited (Unit-I)	1. Eye Drops, 2. Respules, 3. Eye irritation solution, 4. Contact lens cleaning solution, 5. Liquid orals, 6. Rotocap capsules, 7. Tablets, 8. Capsules, 9. Inhalers, 10. Nasal spray, 11. Large volume parental & 12. Topical preparations	Plot Nos. L-139, L-140/A, L-140/B, L-141, L-142, L-143, L-144/A, L-144/B, L-145, L-146, Verna Indl Estate, Verna Salcete, Goa.	536.83	2395	5000 KVA (Captive power)
66	Cipla Limited (Unit-II)	1. Injectables, 2. Tablets, 3. Capsules, 4. Capsules (Soft Gelatine), 5. Liquid Orals, 6. Nasal Spray, 7. Topical preparation	Plot Nos. S-103 to S-105, S-107 to S-112, L-138, L-147, L-147/1 to L-147/4 & L-150, Verna Industrial Estate, Salcete, Goa.	304.32	996	5000 KVA (Captive power)

67	Tevapharm India Private Limited	Research & Development Centre and pharmaceutical formulations	Plot No.A-1, Phase 1 A, Verna IndlArea,Verna, Salcete,Goa	182.69	328	1900 KVA
68	Cipla Limited (Unit-III)	(i) Dry Powder 5 lakhs bottles/month, (ii) Lyophilized products 15 lakhs vials/month, (iii) Capsules 40 millionsnos/month, and (iv) Pallets 7.5 tonnes/month	Plot nos. M-61, M-62, M-63 & N-5, Verna Industrial Estate, Verna, Goa.	97.61	367	4000 KVA (Reliance)
69	Gemini Distilleries Pvt. Ltd.,	IMFL	Phase III B, Sancoale Industrial Estate, Zuarinagar	1.03	30	
70	Lark Wires & Infotech Ltd.,	Manufacture of enamelled copper wire	Plot No.S-28, VernaInds. Estate, Verna,Salcete	22.94	107	
71	Putzmeister Concrete Machines Private Ltd.,	Engineering Products	Plot No.N 4, Phase IV, Verna Industrial Estate, Verna, Salcete, Goa	20.68	48	1085 KVA
72	John Distilleries Ltd.,	Malt Spirit	M-21, M -21 A & M-21B, CunolimIndlEstate ,Cunolim, Salcete-Goa.	12.70	43	500 KVA
73	Sanofi Synthelabo (India) Limited	A formulation development unit is set up which is having activity which is not product specific.	Plot No. L-121, Phase-III A, GIDC, Verna Industrial Estate, Verna, Goa-403722.	169.19	39	1068 KVA
74	Bosch Limited	Packaging machinery for food, confectionery & pharma products	Packaging Technology Division, N-4, Phase-IV, Verna Industrial Estate, Verna, Goa.	2.97	86	250 KVA
75	Automobile Corporation of Goa Limited,	Building of Bus Bodies	Survey No.101/1,2,3& 4, Honda Industrial Estate, Honda, Sattari, Goa.	24.70	263	1000 KVA
76	Manohar Packaging Private Limited	1. Printed paper labels. 2. Cartons. 3. Allied Printing Products.	Plot No.D-2/6-7, Mapusa Industrial Estate, Mapusa, Bardez, Goa.	19.86	35	715 KVA
77	Elsteel Modular Products India Private Limited	Techno Panel Boxes	Plot No.3, Phase No.III, Honda Industrial Estate, Honda, Sattari, Goa.	25.05	172	1000 KVA
78	Birla Furukawa Fibre Optics Limited	(I)Optical Fibres, (II) Fibre Ribbon.	Sub-lease Plot No. L-62 to L-64, Verna Industrial Estate, Verna, Goa.	69.24	95	1500 KVA
79	Dempo Industries Pvt. Ltd.,	Mfg. of newspapers	Plot No.L-8, Verna Industrial Estate, Verna, Goa.	13.35	21	444.40 KW
80	Cipla Limited (Unit-IV)	Captive Power generation	Plot no. N-5A, Verna industrial Estate, Verna, Goa.	47.00	45	15000 KVA

81	Shraddha Ispat Private Limited	M.S.Ingots/M.S.Billets	Plot No.M-1, Cuncolim Industrial Estate, Cuncolim, Salcete, Goa.	12.50	40	5000 KVA
82	Schneider Electric India Private Limited	manufacture of parts & accessories N.E.C for computer and computer based systems which includes Structured Cabling products (copper patch cords, fibre patch cords & LIUs)	Plot No.L-3,Verna Industrial Estate, Verna, Goa.	6.70	37	125KVA
83	Smartlink Network Sysytems Limited (Unit-IV)	Computer Networking products	Plot No.L-7,Verna Industrial Estate, Verna, Goa.	33.40	136	800 KVA
84	Schiffer & Menezes India Private Limited	Mfg. of toothbrushes & caps.	Plot No.L-27, Phase II A, Verna Industrial Estate, Verna, Goa.	36.05	208	1000 KVA
85	Glynwed Pipe Systems India Private Limited	Mfg. of plastic injection moulded pipe fittings and couplings	Sub-lease Plot No. L-148 to L-149, Verna Industrial Estate, Verna, Goa.	54.47	40	350 KVA
86	Crompton Greaves Limited	Winding & Coil making	D2/21-22-23, Tivimindl estate, Karaswada, Bardez,	2.51	70	159 KVA
87	Siemens Limited	(I) Primary Gas Insulated Sub-station, (II) Secondary Gas Insulated Sub-station, (III) Compact Sub-station	Plot No. L-6 Verna Industrial Estate, Verna, Goa.	67.00	122	1500 KVA
88	Siemens Limited	1. Electronic & Electro mechanical devices (Relays), (2) Control and Relay Panels	Plot No. L-6 Verna Industrial Estate, Verna, Goa.	117.00	115	1200 KVA
89	Goa Shipyard Limited (Unit - II)	Glass reinforced plastic boats	Plot No.8 & 9, Sancoale Industrial Estate, Zuarinagar, Sancoale, Goa.	3.82	50	
90	Macbrout Engineering Private Limited	Manufacture of Turbo Machinery Components (parts of compressors)	A1/22, Margao Industrial Estate, San Jose de Areal, Salcete, Goa.	32.56	77	250 KVA
91	Borkar Packaging Private Limited	Printed Paper Board, Cartons and Labels	Plot No.P-1 B, Margao Industrial Estate, St. Jose de Areal, Salcete, Goa.	18.00	190	650 KVA
92	Mabpharm Private Limited	(1) Mab-1, (2) Mab-2.	sublease premises, L-147-B,Verna Industrial Estate, Verna, Goa	83.04	71	1000 KVA
93	M/s Jimcap Electronics Pvt. Ltd.	1. Electrical Capacitors 2. MetalisedPolypropylene film3. Power Capacitors.	Plot no.L-12, Verna Industrial Estate, Verna Goa.	15.32	173	
94	M/s Vergo Pharma Research Laboratories Pvt. Ltd.	Pharmaceutical Products (1) Tablets/capsules (2) Liquid Oral Solution	Plot Nos.B-5, B-22, B-23 & B-23A, Verna Industrial Estate,Verna, Goa	15.12	134	
95	M/s NETZSCH Technologies India Pvt. Ltd.,	Hydraulic Pumps	Plot No.L-10,Verna Industrial Estate, Verna, Goa.	10.67	21	

