



सत्यमेव जयते

**Government of India
Ministry of MSME**

Brief Industrial Profile of Kurukshetra District

MSME

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

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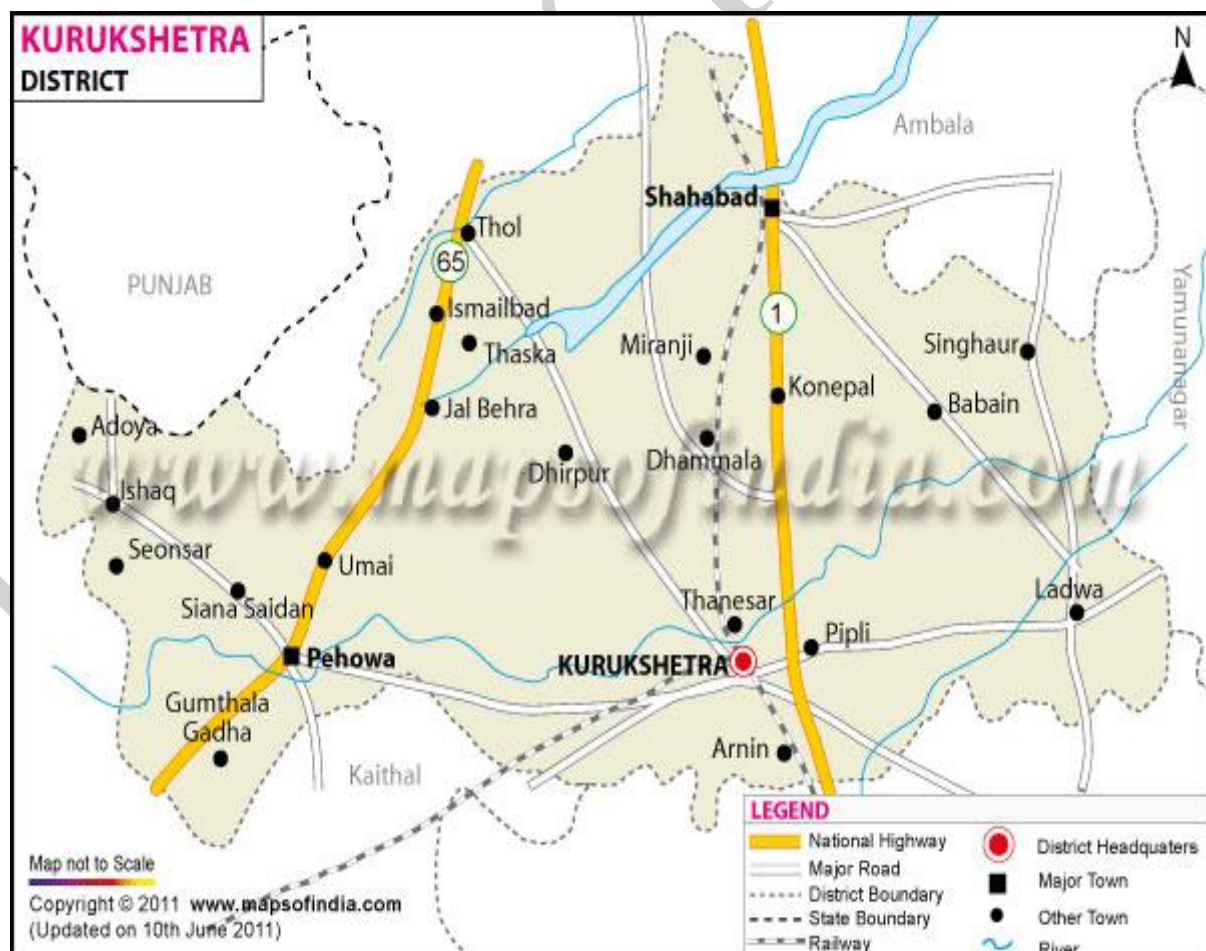
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Brief Industrial Profile of Kurukshetra District

1.1 Location and Geographical Area

Kurukshetra lies on the main Delhi Ambala Railway line about 160 kilometers North of Delhi, 34 kms North of Karnal and 40 kms South of Ambala. Kurukshetra is a place known all over India for its great cultural heritage. It came into existence on 23 January 1973. It is situated in North-East part of Haryana. Its adjoining districts are Ambala, Yamuna Nagar, Karnal, Kaithal and Patiala (Punjab). Kurukshetra is popularly known as the battle field of Mahabharata, where the battle was fought between two diametrically opposite and contradictory forces of good and evil. Eventually, in this battle the forces of piety were rewarded and the evils got vanquished in the land of righteousness called kurukshetra. Kurukshetra was visited several times by many great soul and social reformers such as Bhagwan Mahabir Jain, Bhagwan Buddha, Sheikh Chilli, Baba Farid and many Gurus of Sikh pantheon. This virtually testifies that how the spiritual land had attracted everyone irrespective of their faith and beliefs.

The Kurukshetra district comprises of 419 villages and six blocks and lies between 29°-34'15" and 30°-15'15" North latitude and 76° to 10" and 77°-17.5" East longitude.



1.2 Topography

The district has sub-tropical continental climate. The rainfall distribution is comparatively satisfactory. On the whole district is a plain which slopes from North East of South and South West. The annual average rainfall of the district is 290.5 mm. The plain is remarkable flat and within it are the narrow low lying flood plains, known as khaddar. Saraswati, Markanda and Ghaggar are the important rivers of the district. A good network of canals is providing irrigation facilities. Underground water level is not relatively high. Tubewell irrigation is also common in the district. It is one of the prosperous districts from agricultural point of view. The soil is generally alluvial loam and clay does not constitute average texture of the soil.

1.3 Availability of Minerals

Kurukshetra district is not rich in respect of mineral resources as in real sense there is no mineral found in the district except Brick Earth and ordinary clay. Brick earth which is used for the production of Bricks and Tiles. Ordinary sand was also found upto 2009-10 after that it is banned due to order of Hon'ble Punjab and Haryana High Court from 28-2-2010 to till date. There are about 100 Brick kilns operating in the district.

S.NO.	NAME OF MINERAL	PRODUCTION in Tones 2010-2011
MAJOR MINERAL		
1.	NIL	NIL
MINOR MINERAL		
1.	Brick Earth	1,86,365
2.	Ordinary Clay	9,49,634 MT

Source : Deptt. of Mines & Geology, Kurukshetra

1.4 Forest

The district has practically no forest except grown by the both sides of roads and canals by govt. departments. However, total area under forest in the district is 45 Sq. Km. which is about 2.95% of the total area (1530 Sq. Km) of the district. Main trees found in the district are Eucalyptus, Kikar, Shisham, Neem etc.

1.5 Administrative Set up

Kurukshetra district at present has an area of 1530 Sq. Kms. constituting 3.46% of the total area (44212 Sq. Kms.) of the state. Administratively the district is divided into two sub-divisions namely Thanesar and Pehowa, three tehsils namely Thanesar, Shahbad and Pehowa, three sub-tehsils namely Ladwa, Babain and Ismailabad. The total 419 villages have been

divided into six community development blocks i.e. Thanesar, Shahbad, Pehowa, Ladwa, Babain and Ismailabad. Total Number of towns are four.

Total Area (Sq. Km.)	Sub- Division	Tehsil	Sub-Tehsil	Block	Town	Village
1530	3	3	3	6	4	419

1.6 Other features of the district

Agriculture

District Kurukshetra is predominantly is agrarian and agriculture is the prime economic activity. About 70% of the workforce is engaged in agricultural activities and its allied activities.

Details of main crops sown in the district

S.No.	Crop	Area (in hectare)	Production in Tonnes
Food grains (Cereals)			
1	Rice	121000	459000
2	Wheat	112000	609000
3	Maize	2600	NA
Total cereals		235600	1068000
4	Pulses	6400	60
5	Vegetables	13173	351736
6	Sugarcane	10000	771000
7	Fresh Fruits	1048	9731
8	Oil Seeds	2000	3400
Total Crop		268221	3271867

Source : Deptt. of Agriculture, Kurukshetra

Total Area of the district is 168253 Hectare and total cultivable area is 144133 hectares which is 86% of total Area. Gross area sown under foodgrain crops to total cropped area is 90.22%. Total area under fruits and vegetables is 31682 hectares. Total cropped area is 268221 hectares and total net cultivated area is 144133 hectares which is 187% to net cultivated area. Net Area sown is 138000 hectares and area sown more than once is 268221 hectares. Non agriculture land is 16000 hectares. Net area cultivated is 100% to the total area available for cultivation. Net irrigated area is 138000 hectares which is equal to total net area sown. Total consumption of chemical fertilizers (Nutrients) as on 31-3-2012 is 88012 tones. There were 14878 no. of tractors in the district as on 31.3.2011. The main crops grown in the district are wheat, paddy, bajra, pulses, oil seeds, onion, potatoes and other vegetables

and fruits. There are 51 cold storage in the district which is having total storage capacity of 106222 M.T.

Irrigation

Agriculture has developed in the district to the desired extent due to availability of sufficient sources of irrigation facilities. Irrigation is done both by tubewells and canals. Sweet water is available in plenty throughout the district Total net irrigated area of the district was 144133 hectares whereas total area irrigated through tubewells and canals was 138894 hectares and 5239 hectares respectively. There were 14878 no. of tubewells in the district as on 31.3.2011.

Fisheries

The district has good potential for the development of fish Farming District fisheries development office is located in the district alongwith their technical staff to assist farmers/needly persons for the development of fisheries in the district Fish production during the year 2010-2011 in the district was 5002 tonnes. Total area under fish cultivation in the district was 905 hectares. Total fishing licenses issued in the district were 120 nos. Total receipts from fisheries were Rs. 11.22 crores.

Livestock and Poultry

Dairy farming has been taken up as subsidiary occupation in the district Total animal population of the district as per the quinquennial livestock Census 2007 was 373894 numbers. There are 1438715 poultry birds in the district.

Details of Livestock and Poultry are given as under:

S.No.	Livestock & Poultry	Numbers
1	Cattle	82899
2	Buffaloes	256882
3	Horses and Ponies	1486
4	Donkeys	33
5	Mules	143
6	Sheep	12808
7	Goats	5374
8	Camels	3
9	Pigs	4113
10	Domestic Dogs	10153
Total		373894
11	Poultry	1438715

Source : Deptt. of Animal Husbandry, Kurukshetra

Veterinary facilities are being provided through the existing 47 Government veterinary hospitals and 73 Govt. veterinary dispensaries in the district. Training to the dairy farmers is imparted at National Dairy Research Institute (NDRI), Karnal, Gurgaon and Haryana Agricultural University (HAU), Hissar. Pig farming has also been encouraged in the district.

Economy

Economy of the district is predominantly agrarian and there is concentration of Agro based industries. Rice milling, milk processing, wooden industries, hosiery and readymade garments, chemical, repairing and servicing are the main industrial groups existing in the district. Though location of the district is ideal for industrial development but still there is not much industrial development. Ladwa and Babain are most industrially backward blocks of the district. Only rice milling, repairing/ servicing are the main industrial activities of these blocks. Concentration of MSMEs in Shahbad, Pehowa and Thanesar blocks is comparatively good.

Dairy farming, mushroom cultivation, poultry farming and floriculture have been adopted as allied agricultural activities by the farmers and rural youths of the district. Bee keeping and piggery farming are the other emerging allied agricultural activities being adopted by the rural masses. The economy of the district is primarily agrarian. An overwhelming number of the main workforce is engaged as cultivators and agricultural labourers.

Human Resources

Total population of the district as on 2011 is 964231 persons. Rural and urban population of the district is 685296 and 278935 persons respectively. Percentage of rural population to the total population of the district is 71.07%. Density of population of the district was 630 persons per Sq. Km whereas it is 573 persons per Sq. Km for the State as a whole. District female population per 1000 males is 889 as compare to state is 877. The decennial percentage increase in population is 16.81% during the period 2001-2011 as compare to state increase is 19.90%.

Literacy

Kurukshetra is also famous for its educational Institutions. Kurukshetra University is having research facilities in almost all the disciplines. In addition to this there is National Institute of Technology (NIT) situated at Kurukshetra having almost all the trade's alongwith M.Tech. facilities. Other job oriented and management courses are available in the University campus. Distance Education Deptt. is also functioning in the University which provides different job oriented and managerial courses. In totality there are 11 Engineering and Management Colleges. There are 21 colleges for Education. Ayurvedic College having sufficient in take capacity is also located at Kurukshetra. A Medical College for Kurukshetra has been proposed by the Central Govt. There are 10 Arts and Science Colleges situated in

the district. There are 216 recognized High and Sr. Secondary Schools in the district. There are 207 recognized Middle Schools in the district. Recognized Primary Schools in Kurukshetra district are 532. ITIs and GVEIs are also functioning in the district which provides requisite skilled labour input to the industry.

Horticulture

The district has rich potential for the development of horticulture. Main fruits grown in the district are mango, guava, citrus, ber, chiku and pear/plums. These fruits available in the district can be utilized for further processing in the industries. Mangos/ Citrus can be used for pickle manufacturing whereas other fruits can be used for other industrial use. Total area under fruit trees was 1048 hectares in the district during the year 2010-11. Total production of fruits in the district during the year 2010-11 was 9731 tonnes.

2. DISTRICT AT A GLANCE

S.No	Particular	Year	Unit	Statistics
1	Geographical features			
	i) Latitude	29° 34'15" and 30° 15'15" North		
	ii) Longitude	76° to 10" and 77° 17.5" East		
	iii) Geographical Area	Sq. Kms.		1530
	iv) Annual Average Rainfall	MM		290.5
2	Administrative Set up			
	i) Sub divisions	2011	Nos.	3
	ii) Tehsils	2011	Nos.	3
	iii) Sub-Tehsil	2011	Nos.	3
	iv) Patwar Circle	2011	Nos.	105
	v) Panchayat Samitis	2011	Nos.	5
	vi) Nagar Nigam	2011	Nos.	-
	vii) Nagar Palika	2011	Nos.	4
	viii) Gram Panchayats	2011	Nos.	382
	ix) Revenue villages	2011	Nos.	419
	x) Assembly Area	2011	Nos.	4
	xi) Towns	2011	Nos.	4
	xii) Blocks	2011	Nos.	6
	xiii) Zila Parishad	2011	Nos.	1
3	Population			
	Total	2011		964231
	(A) Rural	2011	Nos.	685296
	Males	2011	Nos.	360790
	Females	2011	Nos.	324506
	(B) Urban	2011	Nos.	278935

	Males	2011	Nos.	149580
	Females	2011	Nos.	129355
	Persons per Sq. Km.	2011		630
	Females per 1000 males	2011		889
4	Agriculture			
	i) Total Area (Revenue records)	2010-11	Hectare	168253
	ii) Forest cover	2010-11	Sq. Kms.	45
	iii) Non Agriculture Land	2010-11	Hectare	16000
	iv) Cultivable but Barren land	2010-11	Hectare	1000
	v) Net Area Sown	2010-11	Hectare	138000
	vi) Area sown more than once	2010-11	Hectare	258221
	Vii) Total Cropped Area	2010-11	Hectare	268221
	viii) Total Cultivable Area	2010-11	Hectare	144133
	ix) No. of Tractors	31-3-11	Nos.	14878
	x) No. of Tubewells	31-3-11	Nos.	38179
5.	Livestock & Poultry (Livestock Census 2007)			
	i) Cows		Nos.	82899
	ii) Buffaloes		Nos.	256882
	iii) Horses and Ponies		Nos.	1486
	iv) Goats		Nos.	5374
	v) Pigs		Nos.	4113
	vi) Dogs		Nos.	10153
	vii) Sheep		Nos.	12808
	viii) Poultry		Nos.	1438715
6.	Railways			
	Length of rail line	2010-11	Kms	62
7.	Roads			
	(a) National Highway	2010-11	Kms	77
	(b) State Highway	2010-11	Kms	141.24
	(c) Main District Highway	2010-11	Kms	43.84
	(d) Other District & Rural Roads	2010-11	Kms	916.32
	(e) Rural Road/ Agriculture Marketing Board Roads	2010-11	Kms	688.83
	(f) Unmetalled Road	2010-11	Kms	1
8.	Communication			
	(a) Telephone connection	2010-11	Nos.	35514
	(b) Post offices	2010-11	Nos.	108

	(c) Telephone center	2010-11	Nos.	4
	(d) Density of Telephone	2010-11	Nos./1000 person	37
	(e) Density of Telephone	2010-11	No. /KM.	23
	(f) PCO Rural	2010-11	Nos.	432
	(g) PCO STD	2010-11	Nos.	535
9.	Public Health			
	(a) Allopathic Hospital	2010-11	Nos.	1
	(b) Beds in Allopathic hospitals	2010-11	Nos.	100
	(c) Ayurvedic Institution	2010-11	Nos.	13
	(d) Beds in Ayurvedic hospitals	2010-11	Nos.	100
	(e) Unani hospitals	2010-11	Nos.	Nil
	(f) Community Health Centers(CHCs)	2010-11	Nos.	4
	(g) Primary health centers	2010-11	Nos.	21
	(h) Dispensaries	2010-11	Nos.	4
	(i) Sub Health Centers	2010-11	Nos.	107
	(j) Homoeopathic Institution	2010-11	Nos.	1
10.	Banking			
	(a) Commercial Bank	2011	Nos.	98
	(b) Rural Bank	2011	Nos.	13
	(c) Co-Operative Bank	2011	Nos.	38
	(d) PLDB Branches	2011	Nos.	4
11.	Education			
	(a) Primary school	2011	Nos.	532
	(b) Middle school	2011	Nos.	207
	(c) Secondary & Sr. Secondary school	2011	Nos.	216
	(d) Colleges	2011	Nos.	10
	(e) Engg. & Mgt. Colleges	2011	Nos.	11
	(f) B.Ed Colleges	2011	Nos.	21
	(g) Technical University	2011	Nos.	Nil

2.1 Existing status of Industrial area in the district Kurukshetra

Availability of infrastructure facilities determines the pace of economic and industrial development of an area. An industrial infrastructural facility includes roads, water, transport, communication industrial estates/ areas, technical/management educational institutions etc. These facilities creates healthy industrial environment for industrial development of the district Recently Haryana Govt. recognised the need of creating/developing such

infrastructural facilities in the state as a whole. For the purpose state govt. has announced a separate infrastructure development policy. Presently, numbers of projects to create such facilities in the State are under implementation. Present position of these facilities in Kurukshetra district is given as under.

S. No.	Name of Ind. Area	Land acquired (In hectare)	Land developed (In hectare)	Prevailing Rate/Sqm (In Rs.)	No of Plots	No of allotted Plots	No of Vacant Plots	No. of Units in Production
1	Industrial Area, Sector-2, U/Estate Kurukshetra	5.60	5.60	Rs. 100/-	93	93	--	--

Source: Estate Office, HUDA, Kurukshetra

There is only one industrial area developed by Haryana Urban Development Authority (HUDA) in Kurukshetra district. It is in Thanesar block and is situated in sector -2, Kurukshetra. It comprised of 93 plots out of which 81 plots are of 525 Sq. Mt. size and 12 plots are of 1000 Sq. Mt. size. Out of these 67 enterprises have started their production, 18 units have already complete their constructions and are likely to go into production in future and remaining 7 are at various stage of constructions.

Udyog Kunj

Apart from this to remove the unemployment problem and stop extrudes of youth from villages, the state government has developed an UDYOG KUNJ at Ismailabad. Under this scheme, the educated unemployed are encouraged for setting up of micro and small enterprises in rural area around their villages itself. In Udyog Kunj, all possible facilities/infrastructure are provided to the entrepreneurs for setting their ventures.

The total area of Udyog Kunj set up by Haryana State Industrial Development Corporation (HSIDC), is 35 kannal and 12 Marlas. In total 34 plots have been developed. 9 plots are of 250 Sq. mt. size and 25 plots are of 91 Sq. mt. size and 10 sheds have been constructed. Out of these 34 plots 22 plots and out of 10 sheds 8 sheds have been allotted to the local entrepreneurs to set up their ventures.

3. INDUSTRIAL SCENERIO

3.1 Industry at a Glance

Sr.No	Head	Unit	Particulars
1.	Registered Industrial Unit	No.	1748
2.	Total Industrial Unit	No.	2236
3.	Registered Medium & Large Unit	No.	07
4.	Estimated average no. of daily workers employed in small scale industries	No.	7
5.	Employment in Large & Medium Industries	No.	1406
6.	No. of Industrial Area	No.	1

Source: District Industries Centre (DIC), Kurukshetra

As the economy of District Kurukshetra is purely based on agriculture and the industrial scenario of this district is also influenced mostly by the same sector. This District has 1748 registered small scale units having a fixed investment of approximately Rs. 648 Crores and providing employment to approximately 13695 persons. Main SSI industrial groups are food based industries including rice shellers, wood based, leather based including desi jutti manufacturing, hosiery and readymade garments, plastic and chemical industries etc. Repairing and servicing industry constitute a major part of SSI sector. Agriculture produce is the basic raw material for food based SSI units. There is good concentration of handmade paper SSI units in the district specifically in Thanesar block. Another concentration of manufacturing of desi jutti is situated at Ismailabad which is in high demand in rural areas of surrounding villages. These units are being managed by rural artisans having traditional skills.

3.2 Year wise trend of units registered

(01-4-2007 to 31-3-2012)

YEAR	NUMBER OF REGISTERED UNITS			EMPLOYMENT (Nos.)	INVESTMENT (lakh Rs.)
	Micro	Small	Medium		
2007-08	23	5	--	356	356.86
2008-09	48	16	--	763	1713.95
2009-10	16	8	--	289	552.50
2010-11	20	8	--	300	829.85

2011-12	6	6	1	183	1266.55
Total	113	43	1	1891	4719.71

Source : District Industries Centre (DIC), Kurukshetra

3.3 Details of existing Micro & Small Enterprises and Artisan Units in the District

Sl. No.	Category	No of units	Fixed Investment (Rs. In Crore)	Employment (Nos.)
1.	Food & Agro Based	192	388.00	5340
2.	Engineering based units	175	40.00	1120
3.	Wooden Based units	120	10.00	850
4.	Leather based units	25	01.80	180
5.	Electrical based	40	01.20	200
6.	Electronics	10	05.70	74
7.	Chemical & Pharmaceutical	16	10.50	115
8.	Plastic based	12	15.00	82
9.	Handloom / Woolen / Hosiery based	15	02.20	42
10.	Paper Products	18	32.50	235
11.	Readymade Garments	110	03.20	568
12.	Glass & Ceramic	02	02.40	30
13.	Service / Repairing units	563	12.50	2409
14.	Un-classified units	450	123.00	2450
Total		1748	648.00	13695

Source : District Industries Centre (DIC), Kurukshetra

These units are mainly engaged in the manufacturing of Straw Board / Mill Board / Mix Board, Handmade Paper Corrugated Boxes, Rice Shelling, Extraction of Solvent Oil, Cattle Feed, Poultry Feed, Wheat Flour, Vegetable Oil, Ply Wood / Board, Wooden / Steel Furniture, Rigid PVC Pipes, Glass Ampules, Wire Screen, Mono-block Motors, Submersible pumps, Rotary Rigs, PVC Water Tanks, Batteries & Invertors, Pharmaceutical products Egg Trays, Agri. Implements Transformers, Gen. Set, Cement Blocks, Fibre Glass Sheets, Paint / Varnish, Iron & Steel Fabrication etc.

3.4 Large Scale Industries/ Public Sector undertakings

There are four Large Scale units in this District having a fixed investment of Rs. 95.23 Crores Approx. and providing employment to 1275 persons. Out of these, two are engaged in the production of desi ghee, skimmed milk powder, dairy whitener, infant milk food etc. A sugar mill situated at Shahbad is famous for its quality and production capacity. Craft paper and semi craft paper is also produced by one of the large industry of Kurukshetra district. Unit wise details of this sector are given as under:

Sr. No	Name & Address of the unit	Products	Investment (Rs. in Lacs)	Employment	Prodn. (In M.T.)
1.	M/s Haryana Milk Foods Ltd. Kaithal Road, Pehowa	Infant Milk Powder Desi Ghee and Dairy Whitener etc.	1880.15	167	2705.9 MT S.M.P. 2150.6 MT Desi Ghee
2.	M/s KMG Milk Food Ltd. Vill. Mathana	-do-	1021.32	45	1100 MT Desi Ghee 1200 MT S.M.P. and D.W
3.	M/s Sainsons Paper Inds. Ltd. Vill. Bakhli (Pehowa)	Semi-craft /Craft paper	2286-00	165	20313.73 M.T.
4.	M/s Shahabad Co. Op. Sugar Mills Ltd. Shahahabd (M)	Sugar	2751.87	898	48500 M.T.

Source : District Industries Centre (DIC), Kurukshetra

3.5 Major Exportable items: Rice, Semi craft paper etc.

3.6 Growth Trend: Increasing 8 to 10% every year

3.7 Vendorisation /Ancillarisation of the Industry: More than 50 ancillaries units are working with the aforesaid medium and large industries.

3.8 Medium Scale Enterprises

Sr. No	Name & Address of the unit	Products	Year of set up	Investment (Rs. in Lacs)	Employment	Prodn. (In M.T.)
1	M/s Sadasat Corn	Corn	2011-	617.00	36	25000

	Products (P) Ltd. Vill. Singha (Pehowa)	Starch, Corn Germ / Oil, Fibre	12			M.T.
2	Markandeshwar Foods and Allied Products Ltd. Vill. Khanpur Kolian	-do-	1999-2000	576.37	95	1150 M.T. Desi Ghee 1500 M.T. S.M.P. and D.W.

3.9 Service Enterprises

Enterprises like repairing of agriculture implements, agriculture machineries, Automobile workshops, TV and Computer repair centers, Service stations, Repair of electrical Appliances have very good scope in service industry.

3.10 Potential for new MSMEs: Excellent (Both in Manufacturing and Service Sector) Particularly in the area of food processing, Rice Milling, Handmade and corrugated paper, forging, sheet metal components etc.

4. EXISTING CLUSTER OF MICRO & SMALL ENTERPRISE

No cluster is identified in manufacturing as well as service sector in the district of kurukshetra.

5. General issues raised by Industry association during the course of meeting.

- a) Timely and adequate finance
- b) Un-interrupted power supply
- c) Reduction in taxes
- d) Sound infrastructure

6. Steps to set up MSMEs

S.NO.	Type of assistance	Name and Address of agency
1.	Product identification	MSME Development Institute, 11-A IDC, Kunjpura Road, Karnal.
2.	Provisional Registration (EM-I) and Permanent registration (EM-II)	District Industries Centre (DIC), Opposite District Court, KURUKSHETRA
3.	Technical consultancy	MSME Development Institute, 11-A IDC, Kunjpura Road, Karnal.
4.	Factory Accommodation/ Industrial Shed	Haryana State Indl. Development Corporation (HSIIDC), Panchkula
5.	Finance TL & WC	i) Haryana Financial Corporation, KURUKSHETRA ii) Lead Bank Manager, PNB KURUKSHETRA
6.	i) PMEGP Scheme ii) Machinery Hire purchase	i) DIC, KURUKSHETRA ii) National Small Inds. Corporation (NSIC), Chandigarh
7.	Training in Indl. Management & Entrepreneurial Development	i) MSME Development Institute, 11-A IDC, Kunjpura Road, Karnal. ii) DIC, KURUKSHETRA
8.	Marketing	DIC, KURUKSHETRA
9.	ISI Mark and Allied detail	Bureau of Indian Standard (BIS), Bahadur Shah Jafar Marg, New Delhi and Local office Chandigarh
10.	Testing of products and allied information	Regional Testing Centre, Indl. Area, Okhla, New Delhi,
11.	For patents and trade mark registration	Controller of patent and designs, New Delhi
12.	License for compulsory licensable items	Director General of Technical development, Udyog Bhavan, New Delhi
13.	For registration under Factory Act,	Chief Inspector of Factories (CIF), Haryana, Chandigarh
14.	For clearance under pollution control rules	Pollution control board, Haryana, Chandigarh
15.	Sale tax registration	Sale tax office, KURUKSHETRA
16.	Indl. Statistical Information	District Statistical office, KURUKSHETRA
17.	Khadi and Village Industries	District Khadi and Village Board industry, KURUKSHETRA

18.	Mining	District Mining office, KURUKSHETRA
19.	Dairy development	NDRI, Karnal
20.	Agriculture	Dy. Director Agriculture, KURUKSHETRA
21.	Power collection	HVPNL, KURUKSHETRA
22.	NABARD	NABARD, KURUKSHETRA
23.	Electronics	HARTRON, Panchkula
24.	Agro Based Industries	Haryana Agro Industries Corporation, SCO 811-812, Sector-22A, Chandigarh- 22
25.	Industrial Area (Developed)	i)Estate Office, HUDA, Kurukshetra ii)Haryana Urban Development Authority, Panchkula
26.	R&D, Training & Testing Facility for Training	Instrument design Development and Facility Centre (IDDC), Ambala.
27.	State Government Assistance	Director of Industries & Commerce, 30 Bays Building, Chandigarh

7. Any Other Information

Power Supply

All the villages in the district have been electrified by HVPN. Govt. of Haryana has taken effective steps to ensure 24 hours power supply. State Govt. has decided to encourage private sector participation to meet massive investment in these projects. Numbers of projects are under implementation to increase the power generation capacity of the state. Electric connections to 100% export oriented units and information technology industries are being provided on priority.

There are 5462 Circuit Kms. L.T. lines in district Kurukshetra which are about 5.26% of the total LT lines in Haryana. In addition to this there are 7661, 11- KV lines in district Kurukshetra. This is about 6.78% of the total 11 KV lines in Haryana. No. of transformers available in the district were 28974 which is again about 8.33% of the total transformers available in the State.

Details of different categories of Electric connections in district Kurukshetra are given as under (2010-11)

S.No.	Category	No. of Connections
1	Domestic	141284
2	Commercial	21472
3	Industrial	2115
4	Public lighting	65

5	Agriculture	39232
6	Bulk	16
7	Others	756
8	Total	204940

Source : Statistical Abstract 2011-12, Govt. of Haryana

Transportation

All the villages and towns of kurukshetra district are linked with each other by pucca roads. Grand Trunk Road passes through the district Kurukshetra is also well connected by Rail. It is a junction and a branch line is going to Kaithal. Hence kurukshetra is well connected with big cities of the neighbouring states and metropoliton cities of the country by Road and Rail. Un-metalled road is one kilometer.

Total Road length available in Haryana during the year 2010-11 was 27053 kms. In which 1101 kms road length is state roads being maintained by PWD (B&R) and metal led (surfaced) National Highways Road length is 77 Kms

Financial Institutions

District Kurukshetra has well developed network of commercial and cooperative banks which provide finance to set up MSME & Large units in the district There are total 26 banking institutions having 168 branches of different banks/financial Institutions.

Banking Institutions	Commercial Banks		PLDB	HGB	DCCB	Total
	Public	Private				
	18	5	1	1	1	26
Branches	85	13	4	13	38	153

Latest Development: Govt. of Haryana has decided to set up a Food Park at Kurukshetra with the Assistance of HSIIDC.

PLAN OF ACTION- FOR INDUSTRIAL DEVELOPMENT OF KURUKSHETRA DISTRICT

Though the basic infrastructural facilities available in the district are not sufficient to meet out the requirements of the people. But the transportation, communication and other physical infrastructural facilities are available in the district upto some extent. People of the district are hardworking. Social environment prevailing in the district is peaceful and healthy. Material Resources i.e. Agriculture and horticulture are comparatively good in the district But industrial awakening and entrepreneurial skills among the masses is not upto the mark. In rural areas the position of this factor is quiet alarming. In spite of good network of technical and managerial Institutions in the district people are not adopting Industry as their carrier. Educated youth still giving first preference to Govt. service. Second preference is either given

to business or Industry. Most of the MSEs are managed by second generation. Industrial culture in the district is just above the base line.

The present resources/ Infrastructural facilities available in the district have been analyzed minutely. Several short falls in this context have been identified. To bridge the gap of these short falls, additional requirements have been suggested and recommended so that the pace of industrial development of the area may be accelerated. Hence the following Action Plan is suggested.

Industrial Accommodation

Growth of MSMEs is not balanced in all the blocks of the district Most of the industries are situated at Kurukshetra proper and at Shahbad. Babain block is having only Rice Shellers, repairing and servicing MSMEs. It is most industrially backward block of the district Except Babain town all the areas of the block are of rural background.

Only one Industrial area is situated at Kurukshetra. The existing MSMEs in the Industrial Area can not execute their expansions plan due to shortage of Industrial Accommodation. All the block of Kurukshetra district is put under Category 'C' blocks of industrially backwards.

Recommendation

To solve the industrial accommodation problem it is recommended that another Industrial Estate with all facilities comprising nearly 100 plots of various sizes may be developed at Kurukshetra. In addition to this, likewise Ismailabad, Udyog Kunj comprising 30 to 40 plots may be developed at Ladwa, Pehowa, Babain and Shahbad.

Inadequate Financing

It is observed that Financial Institutions are not providing adequate finance to the MSMEs. Financial requirements of the project are not properly evaluated and fund requirements are reduced sometimes drastically. With the result entrepreneurs are not able to purchase proper machinery and they always face the working capital problem. Over a time period such units become sick and ultimately Proprietor close down the unit.

Recommendation

It is suggested that projects may be evaluated from all angles and provisions of adequate funds for purchasing machinery and for working capital may be made while sanctioning the project loan. More and more MSEs branches to be opened in the district.

Exports from the District

In comparison to other districts of the State the exports from the district are very low. Field enquiries reveal that only rice is the major exportable product from the district. No public sector undertaking exists in the district and number of large and medium units existing in the district are very less. Kurukshetra district does not have upto the mark industrial culture.

Recommendation

Govt. of Haryana may thrust upon the need of boosting exports from the district. Handmade paper cluster having much export potential is at the developing stage. This industry may be assisted in technology up gradation, quality improvement and in other related fields. Though Kurukshetra University is situated at district HQ but people are not much aware about the Export Procedures and Documentation. Hence, it is recommended that at least two programmes of one-week duration on Export Management may be organized at Kurukshetra annually. Secondly, considerable number of export potential products may be identified and some incentives may be provided to the exporting units of the district.

Zero foreign Investments

There was no foreign investment in the district neither in large and medium scale sector nor in MSEs. No foreign investment proposal for Kurukshetra district is pending with State Govt. chances of getting such proposals in future are very bleak.

Recommendation

As Kurukshetra is historical place and famous throughout the world. Considerable number of foreign peoples visit Kurukshetra annually who may be encouraged to set up their ventures at Kurukshetra at the time of granting visa to such visitors. Website may be created for Kurukshetra to boast up the foreign investments. State leaders visiting other countries for the purpose may specifically encourage foreign investments in the districts. NRIs may be provided certain incentives for the purpose.

Lack of Entrepreneurship

Though there are good no. of educational Institutions existing at district Headquarters. Kurukshetra University and National Institute of Technology(NIT) of International repute are situated there at Kurukshetra. People of the district have not yet adopted industry as their profession. Field enquiries reveal that there is lack of entrepreneurship among the masses. People hesitate to establish their own ventures. Their risk taking capacity is very low. Most of the rural people are not aware of potential products of the area. People still prefer to go for job then to establish their industry.

Recommendation

To create industrial awareness among the educated unemployed youths of the district motivation campaigns may be organised at block level which may be repeated over a period of two three months. On the spot financial assistance programmes may be organized jointly by all developmental agencies and banks. Certain targets may be fixed for each block. Under

PMEGP scheme preferential treatment may be given to the entrepreneurs willing to establish their industry. DIC and bank may organise loan mela in the rural areas of the district.

BROAD PRODUCTWISE CLASSIFICATION OF MSEs HAVING SCOPE IN KURUKSHETRA DISTRICT

S.N.	Details	Estimated Project Cost (Rs. Lakh)	%age R/R	Employment
A	AGRO RESOURCE BASE INDUSTRIES			
	Handmade Paper	30	25	12
	Egg Trays	18	20	10
	Strawberry	30	40	10
	Potato Chips	5	35	7
	Cattles & Poultry Feed	18	22	15
	Grinding of Masala and Package	4	30	5
	Dried Vegetables (Sun dry process)	2	35	4
	Tomato catch-up, puree and sauce	2	32	3
	Instant dalia	1	35	2
	Rice Flakes	1	35	20
	Noodles	6	30	8
	Seed Processing	32	30	15
	Diary Farming (Mini)	15	40	15
	Chocolate/Toffees)	3	40	7
	Cheese/Butter	3	30	6
	Mango Bar/Jelly	1	35	16
	Leather footwear	3	25	10
B	DEMAND BASED INDUSTRIES			
	Dextrose (Man & Veterinary use)	75	40	45
	Electric Fans (Ceiling and Ferrate)	30	42	30
	Air Conditioner	43	29	16
	Scientific Instrument	5	20	10
	Confectionery Items	4	30	5
	Herbal Products, Medicines & Cosmetics	10	28	7
	Mango pulp	50	35	40

	Laminated particles/brands	35	32	20
	Zinc oxide	12	35	10
	Potato starch	50	30	45
	Readymade Garments	4	18	12
	Honey Processing Plant	7	30	8
	Fruit vinegar	15	25	15
	Mushroom cultivation/processing	10	30	10
	Vacuum cleaner	15	40	14
	Adhesive Fevicol type	25	25	15
	Agricultural Implements	12	20	12
	Phenyl	2	25	5
	Rubber Auto parts, pad, covers etc.	18	25	10
	Auto piston	20	25	12
	Paint brush	2	25	5
	Corrugated boxes	10	28	10
	Paper bags laminated (upto 5 kg capacity)	15	25	8
	Plastic toys	25	20	10
	Plastic components & kitchen ware	6	35	8
	Battery plates and assembling	3	35	5
C.	SKILLED BASED INDUSTRIES			
	Wooden Furniture	5	30	5
	Horticulture tools	3	30	5
	Decorated potter articles	2	32	6
	Embroidery works	2	35	5
D.	SMALL SCALE SERVICE AND BUSINESS ENTERPRISES			
	Consultancy Service (Mkt. & Indl.)	5	28	5
	Industrial R&D (Mixers/grinders & Scientific Instruments)	50	30	10
	Computerized design and drafting	7	30	5
	Repair of radio/TV/Audio, video etc.	2	35	3
	Auto repair services and	3	35	5

	garages			
	Repairing of agricultural farm equipment, pumps and boring machine	3	32	5
	Servicing of all type of vehicles	3	32	5
	Cassette player and video games	3	30	2
E	EXPORT RELATED INDUSTRIES			
	Handicraft articles of metal ware like flowerpots show piece etc.	5	25	12
	Non Stick Cookware	10	25	12
	Aluminum Brass Utensils	8	22	8
