



सत्यमेव जयते
Government of India
Ministry of MSME

Brief Industrial Profile of HAZARIBAGH DISTRICT



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

Carried out by

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Brief Industrial Profile of HAZARIBAGH District

- General Characteristics of the District:

1.1: Location & Geographical Area:

The state JHARKHAND came into existence on 15th November 2000 as a 28th State of Union of India after being bifurcated from Bihar State, the Hazaribagh district is one of the 24 district of Jharkhand. The Hazaribagh district is situated on National Highway 33 & 96 km away from state's capital, Ranchi. The Geographical area of Hazaribagh District is 4302 sq. km. The climate is generally dry with average rainfall 1234.5 mm. The temperature varies between 18⁰ to 42.2⁰. However due to global warming, the temperature goes high up to 44⁰. The district of Hazaribagh is a part of North Chotanagpur Plateau. This area is full of several plateaus, mountains and valleys, most part of district area full of forest and stones.

Hazaribagh district is surrounded by North- Gaya district of Bihar State and Koderma district, South- Ramgarh and Chatra district, East- Bokaro and Ramgarh district, West- Chatra district.

1.2 Topography:

The Latitude and Longitude of district is 23.5^o-24.4^o and 85.1^o-85.9^o respectively. The average altitude of Hazaribagh is 2012 feet above the sea level.

The physiographic characteristics of the district are rich. It has waterfalls, hills, and land with avalanches. Hazaribagh is surrounded by green forest.

- **Availability of Minerals:**

As in other districts of Chhotanagpur, Hazaribagh district too is endowed with mineral resources. In the district, minerals such as Limestone, Fire Clay, China Clay, Quartz & some quantity of coal are found. These can be termed as Major Minerals. Minor minerals such as Granite, sand etc. are also available in the District.

The following table gives the details of production of major and minor minerals produced during 2010-2011:

| S. No. | NAME OF MINERALS | PRODUCTION IN TONES 2010-11 |
|-----------------------|------------------|-----------------------------|
| MAJOR MINERALS | | |
| I | Coal | 373.53 MT |
| II | Limestone | 65.23 MT |
| III | Fire Clay | 5.80 MT |
| IV | Quartz / Felspar | 4.30 / 1.45 MT |
| MINOR MINIRALS | | |
| I | Stone | 33.10 Lakh cft |
| II | Bricks | 450 Lakh |
| II | Sand | 12.22 Lakh cft |

Source: Deptt. of Mines & Geology, Govt. of Jharkhand

1.4 FOREST:

Hazaribagh District is well endowed with forest in an area of 2088 Sq.km, which is 34.81% out of total area.

Forests are an important natural resource for an area. They have a moderating influence against floods and rain and thus they protect the soil against erosion. They also provide basic raw material to a number of important industries, namely furniture, match box, paper, rayon construction, railway slippers, wooden poles, etc. Moreover, the environmental benefits of the forests are not far to seek.

The most unfortunate part is that the Tribals & local villegers in many areas still depend on forest as a source of firewood. They don't have any other option either. The wood smugglers and Dons still go for illegal felling of trees causing a great loss both to the people of the area and to the District exchequer simultaneously.

For sake of convenience the forest produce has been classified under two heads :

- A. **Important large products**
- B. **Minor / Allied products.**

A. Important Large Products:

The large important products comprise of wood for timber, such as SHISHAM, SAAL, BARGAD, CHKUNDI, BAMBOO, KUSUM, GAMHAR, MAHUA, JAMUN, IMLI, AAM etc. The following table shows their production in the year 2010-11.

Important produce in the district

| | ITEM | QUANTITY |
|----|----------------|-----------------|
| 1. | Timber Shisham | 22.34 Cu. Mtr. |
| 2. | Sal | 10.57 Cu.Mtr. |
| 3. | Timber Mixed | 6.473 Cu Mtr. |
| 2. | Fire Wood | 45.000 Cu. Mtr. |

[Source Laghu Van Padarth Priyojna Padadhikari, Hazaribagh]

B. Minor / Allied Produce:

These constitute an important segment of forest asset and under this category come produces like HARA, BEHARRA, KENDU PATTA, SALL SEED, KARANJ SEED, and MAHUA PATTA/SEED etc.

The following table shows their production in the year 2010-11.

| | ITEM | PRODUCTION |
|----|-------------|----------------------|
| 1. | Kendu Patta | 56223 Standard bags. |
| 2. | Sal Seed | 825 MT. |
| 3. | Mahua Seed | 4.00 MT. |

[Source Laghu Van Padarth Priyojna Padadhikari, Hazaribagh]

Many varieties of herbal plants, which have amazing healing effect on some of the hitherto incurable diseases, do exist in Ranchi district in particular and in whole of Jharkhand State in general. Unfortunately, thorough Research in the area is still a dream. Govt. may come forward to promote Research and development in this field of activities so that at the least the unscrupulous activities of brokers, who are draining this area of invaluable herbs, could be put to check.

Investigation of local sources belonging to unorganized herb market revealed that brokers having knowledge of healing power of these herbs brave the hilly terrain of the forests and collect these herbs to sell them at unknown places.

Administrative set up:

From administrative point of view Hazaribagh is the district head quarter, Hazaribagh district is a part of North Chotanagpur Division. The district had tow Sub-Divisions namely Sadar Subdivision and Barhi Subdivision. Sadar Sub-Division comprises of 11 blocks namely sadar Hazaribagh, Katkamsandi, Bishnugarh, Barkagaon, Keradari, Ichak, Churchu, Daru, Tatijhria, Katkamdag and Dari, Barhi Subdivision has five blocks namely Padma, Barhi, Chalkusa, Chauparan and Barkatha. The district has 1336 Census villages spread over 257 Panchayats.

Following are the Designation and Contact no's of administrative Officers of the district:

| Sl. no. | Office / Designation | Std code | Telephone no. |
|---------|--------------------------------------|----------|-------------------------|
| 01. | DeputyCommissioner, Hazaribag | 06546 | 224805 (o) 224806(r) |
| 02. | D.D.C, Hazaribag | - do- | 262624 (o) |
| 03. | Director, D.R.D.A, Hazaribag | - do- | 263377 |
| 04. | Add. Collector,Hazaribag | - do- | 266463 |
| 05. | S.D.O, Sadar | - do- | 224817 (o) |
| 06. | S.D.O, Barhi | 06543 | 266301 |
| 07. | D.P.R.O,(Panchayat)Hazaribag | 06546 | 266323 |
| 08. | D.I.O , Hazaribag | - do- | 9431334996 |
| 09. | D.T.O, Hazaribag | - do- | 267371 |
| 10. | N.D.C, Hazaribag | - do- | 263449 |
| 11. | D.P.O, Hazaribag | -do- | 265347 |
| 11. | D.S.O,Hazaribag | -do- | 266914 |
| 12. | Establishment Dy Collector | -do- | 9006762785 |
| 13. | Asst.Dir, Social Security, Hazaribag | -d0- | 262869 |
| 14. | D.P.R.O,Hazaribag | -do- | 222851 |
| 15. | Treasury Officer | -do- | 222089 |

2. District at a glance

| S.No | Particular | Year | Unit | Statistics |
|-----------|---------------------------------|----------|----------|-------------------------|
| 1 | Geographical features | | | |
| (A) | Geographical Data | | | |
| | i) Latitude | | | 23.5°-24.4 ⁰ |
| | ii) Longitude | | | 85.1°-85.9 ⁰ |
| | iii) Geographical Area | | Hectares | 4303 sq. km |
| (B) | Administrative Units | | | |
| | i) Sub divisions | | | 02 |
| | ii) Tehsils | | | 16 |
| | iii) Sub-Tehsil | | | - |
| | iv) Patwar Circle | | | - |
| | v) Panchayat Simitis | | | 257 |
| | vi)Nagar nigam | | | - |
| | vii) Nagar Palika | | | 1 |
| | viii) Gram Panchayats | | | 257 |
| | xi) Revenue villages | | | 1336 |
| | x) Assembly Area | | | 5 |
| 2. | Population | | | |
| (A) | Sex-wise | | | |
| | i) Male | 2011 | | 891179 |
| | ii) Female | 2011 | | 842826 |
| (B) | Rural Population | 2011 | | 1458681 |
| 3. | Agriculture | | | |
| A. | Land utilization | | | |
| | i) Total Area | 2010-11 | Hectare | 430300 |
| | ii) Forest cover | 2010-11 | “ | 208800 |
| | iii) Non Agriculture Land | 2010-11 | “ | 20301 |
| | iv) cultivable Barren land | 2010-11 | “ | 37863 |
| 4. | Forest | | | |
| | (i) Forest | 2010-11 | Ha. | 208800 |
| 1 | 2 | 3 | 4 | 5 |
| 5. | Livestock & Poultry: | | | |
| A. | Cattle: | | | |
| | i) Cows | 2007 | Nos. | 518565 |

| | | | | |
|----|---------------------------------------------------|---------|------------------|--------|
| | ii) Buffaloes | 2007 | Nos. | 121099 |
| B. | Other livestock: | | | |
| | i) Goats | 2007 | Nos. | 392213 |
| | ii) Pigs | 2007 | Nos. | 41043 |
| | iii) Dogs & Bitches | 2007 | Nos. | 13750 |
| | iv) Railways: | | | |
| | i) Length of rail line | 2010-11 | Kms | 00 |
| | V) Roads: | | | |
| | (a) National Highway | 2010-11 | Kms | 156 |
| | (b) State Highway | 2010-11 | Kms | 160 |
| | (c) Main District Highway | 2010-11 | Kms | 324 |
| | (d) Other district & Rural Roads | 2010-11 | Kms | 229 |
| | (e) Rural road/ Agriculture Marketing Board Roads | 2010-11 | Kms | -- |
| | (f) Kachacha Road | 2010-11 | Kms | -- |
| | (VI) Communication: | | | |
| | (a) Telephone connection | 2010-11 | | 7510 |
| | (b) Post offices | 2010-11 | Nos. | 117 |
| | (c) Telephone center/Exchange | 2010-11 | Nos. | 12 |
| | (d) Density of Telephone | 2010-11 | Nos./1000 person | 7.51 |
| | (e) Density of Telephone | 2010-11 | No. per KM. | 1.74 |
| | (f) PCO Rural | 2010-11 | No. | -- |
| | (g) PCO STD | 2010-11 | No. | -- |
| | (h) Mobile | 2010-11 | No. | 189395 |
| | (VII) Public Health: | | | |
| | • Allopathic Hospital | 2010-11 | No. | 3 |
| | • Beds in Allopathic hospitals | | No. | 25 |
| | • Ayurvedic Hospital | | No. | -- |
| | • Beds in Ayurvedic hospitals | | No. | -- |
| | • Unani hospitals | | No. | -- |
| | • Community health centers | | No. | 16 |
| | • Primary health centers | | No. | |

| | | | | |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--|------|-----|
| | <ul style="list-style-type: none"> • Dispensaries • Sub Health Centers • Private hospitals | | No. | 35 |
| | | | No. | 270 |
| | | | No. | 11 |
| (VIII) Banking Commercial: | | | | |
| | (a) Commercial Bank | | Nos. | 90 |
| | (b) Rural Bank | | Nos. | 17 |
| | (c) Co-Operative Bank | | Nos. | 10 |
| | (d) PLDB Branches | | Nos. | 03 |
| (IX) Education: | | | | |
| | (a) Primary schools | | Nos. | 752 |
| | (b) Middle schools | | Nos. | 607 |
| | (c) Secondary & senior secondary schools | | Nos. | 106 |
| | (d) Colleges | | Nos. | 11 |
| | (e) Technical University | | Nos. | 00 |

2.1 Existing Status of Industrial Areas in the District HAZARIBAGH

| S. No. | Name of Ind. Area | Land acquired (In hectare) | Land developed (In hectare) | Prevailing Rate Per Sqm (In Rs.) | No of Plots | No of allotted Plots | No of Vacant Plots | No. of Units in Production |
|--------|----------------------------------|----------------------------|-----------------------------|-----------------------------------------------------------|-------------|----------------------|--------------------|----------------------------|
| 1 | Hazaribagh | 15.513 | 15.513 | 315.30 (for Mgf. unit) 394.13 (for Service unit) | -- | 11 | -- | 7 |
| 2 | Industrial Growth Center , Barhi | 161.519 | Yet to be Developed | | | | | |

Source:- website of RIADA, Ranchi,

3. INDUSTRIAL SCENERIO OF HAZARIBAGH:

3.1 :Industry at a Glance:

| Sr No | Head | Unit | Particulars |
|-------|--------------------------------|------|-------------|
| 1. | REGISTERED INDUSTRIAL UNIT | NO. | 1468 |
| 2. | TOTAL INDUSTRIAL UNIT | NO. | 1600 |
| 3. | REGISTERED MEDIUM & LARGE UNIT | NO. | NA |

| | | | |
|----|-----------------------------------------------------------------------|---------|------|
| 4. | ESTIMATED AVG. NO. OF DAILY WORKER EMPLOYED IN SMALL SCALE INDUSTRIES | NO. | 3.64 |
| 5. | EMPLOYMENT IN LARGE AND MEDIUM INDUSTRIES | NO. | NA |
| 6. | NO. OF INDUSTRIAL AREA | NO. | 01 |
| 7. | TURNOVER OF SMALL SCALE IND. | IN LACS | -- |
| 8. | TURNOVER OF MEDIUM & LARGE SCALE INDUSTRIES | IN LACS | -- |

3.2 YEAR WISE TREND OF UNITS REGISTERED:*

| | YEAR | NUMBER OF REGISTERED UNITS | EMPLOYMENT | INVESTMENT (lakh Rs.) |
|--|--------------|----------------------------|-------------|-----------------------|
| | 2000-01 | 150 | 399 | 182.83 |
| | 2001-02 | 150 | 520 | 630.85 |
| | 2002-03 | 121 | 375 | 179.04 |
| | 2003-04 | 150 | 724 | 720.93 |
| | 2004-05 | 335 | 1033 | 1292.47 |
| | 2005-06 | 209 | 580 | 1149.18 |
| | 2006-07 | 116 | 360 | 936.65 |
| | 2007-08 | 57 | 524 | 1163.03 |
| | 2008-09 | 38 | 284 | 312.96 |
| | 2009-10 | 49 | 463 | 1231.68 |
| | 2010-11 | 48 | 497 | 2037.83 |
| | 2011-12 | 45 | 282 | 669.81 |
| | Total | 1468 | 5345 | 10591.41 |

Source: DIC, Hazaribagh.

- Note: Jharkhand came into existence as a 28th State on India on dt. 15th November 2000.

3.3 DETAILS OF EXISTING MICRO & SMALL ENTERPRISES AND ARTISAN UNITS IN THE DISTRICT:

| NIC CODE NO. | TYPE OF INDUSTRY | NUMBER OF UNITS | INVESTMENT (Lakh Rs.) | EMPLOYMENT |
|--------------|-------------------------------------------------|-----------------|-----------------------|------------|
| 20 | Agro based | 42 | 1643.02 | 650 |
| 22 | Soda water | -- | -- | -- |
| 23 | Cotton textile | | ---- | -- |
| 24. | Woolen, silk & artificial Thread based clothes. | -- | -- | -- |
| 25. | Jute & jute based | -- | -- | -- |
| 26. | Ready-made garments & embroidery | 25 | 32.5 | 76 |
| 27. | Wood/wooden based furniture | 120 | 264.33 | 422 |
| 28. | Paper & Paper products | 12 | 36.00 | 75 |
| 29. | Leather based | 15 | 24.68 | 58 |
| 31. | Chemical/Chemical based | 22 | 886.14 | 132 |
| 30. | Rubber, Plastic & petro based | -- | -- | -- |
| 32. | Mineral based | 115 | 8619.25 | 2638 |
| 33. | Metal based (Steel Fab.) | 36 | 67.68 | 135 |
| 35. | Engineering units | 32 | 128.32 | 160 |
| 36. | Electrical machinery and transport equipment | 66 | 153.78 | 172 |
| 97. | Repairing & servicing | 98 | 1230.88 | 495 |
| 01. | Others | 52 | 176.8 | 725 |

Source: DIC, Hazaribagh.

3.4 Large Scale Industries / Public Sector undertakings:

List of the units in Ramgarh District & nearby Area:

| | |
|--------------------------------------|-------------|
| DAMODAR VALLY CORPORATION LTD. | HAZARIBAGH |
| HINDUSTAN PETROLUME CORP. LTD. | HAZARIBAGH |
| M/S ADITYA RICE MILL PVT. LTD | HAZARIBAGH |
| M/S BALAJEE REFACTORIES PVT. LTD. | HAZARIBAGH |
| M/S BIHAR WOOD PRODUCT | MASHI PIRHI |
| M/S CHANDRAWATI RICE MILLS PVT. LTD. | MORANGI |

| | |
|-----------------------------------------|-------------|
| M/S G.M.A STROKES LIMITED | DEMOTANR |
| M/S G.R.INFRA PROJECTS LTD. | HAZARIBAGH |
| M/S HAZARIBAGH MILLS PVT. LTD. | H.BAGH |
| M/S HAZARIBAGH RICE MILL PVT. LTD. | MORANGI |
| M/S ENAR INDUSTRIES ENTERPRISES | DEMOTAND |
| M/S INDIA EXPLOSIVE LTD OWNER | HAZARIBAG-1 |
| M/S JHARKHAND SALES AGENCY PVT. LTD | HAZARIBAGH |
| M/S KUMAR METAL WORKS | HAZARIBAGH |
| M/S MAA BHADRAKALI COKE INDUSTRIES. | MORANGI |
| M/S MAA JAGDAMBA COKE INDUSTRIES | HAZARIBAGH |
| M/S MAA JAGDAMBA STONE WORKS | HAZARIBAGH |
| M/S MAA JAGDMBA STONE WORKS | HAZARIBAGH |
| M/S POPULAR COAL & MINERALS | HAZARIBAGH |
| M/S SAI COKE INDUSTRIES | MORANGI |
| M/S SAI CONCRETE PRODUCTS SRI S.K.VERMA | MORANGI |
| M/S SDHI PLASTIC PVT. LTD. OWNER- | HAZARIBAGH |
| M/S SUNSHINE ENT. SRI ASHOK AGGARWAL | MORANGI |
| M/S SUPER COKE INDUSTRIES | |
| M/S SUPER FUEL | MORANGI |
| M/S. ARIHANT INGOTE PVT. LTD. | DEMOTAND |
| M/S. GULF ASHLEY MOTOR LTD. | HAZARIBAGH |
| MAHABIR RETREADING MAI | MASSI PIDHI |
| MAHADEO BERNWAL STONE | DOMCHANCH |
| SAI CONCRETE PRODUCTS OWNER | MORANGI |
| SHEO SHAKTI CEMENT INDUSTRIES | DEMOTAND |
| SHEO SHAKTI INDUSTRIES | MORANGI |
| SWASTIK REFRACTORIES | DEMOTAND |
| M/S MANISH LINKER PVT LTD. | HAZARIBAGH |
| LAXMI BUSINESS CEMENT | DEMOTAND |
| M/S ADINATH INTERNATIONAL | HAZARIBAGH |

3.5 Major Exportable Item: - NIL -

3.6 Growth Trend:

The State of Jharkhand is having immense potential for industrialization with its large deposits amounting to 40% total minerals of the country. The State is the sole

to producer of coking coal, uranium and pyrite. It ranks first in the production of coal, mica, kyanite and copper in India. Besides minerals, it has about $\frac{1}{3}$ of forest cover as oxygen bank and raw material for several economic activities which provide lively hood in rural area as minor forest produce, aromatic, medicinal and dry fruit and Tassar's. It has wide network of rivers, power plant and industrial bases with about $\frac{1}{3}$ as urban population. It has several central and state government institutes e.g IIM, XLRI, CCL, Birsa Agriculture University, DVC, SAIL, CMPDI, Mecon, NIFFT, NIT, BIT Mesra etc.

With its large deposits of minerals, Jharkhand is one of the front-runners in attracting large number investors. Almost Rs. 56,000 crore investment proposal have been received during the 11th Five Year Plan for setting up of mineral based industries and other auto component makers, auto-truck manufacturing, cement, food processing, textile, education, health, etc besides public investment by NTPC/DVC/SAIL/STPI etc. Besides these proposals there are several proposals with department of energy, Labour, Science & Technology, and Tourism etc which have not been included. Several projects with investment of Rs 21,621 crore have been commissioned besides Govt.-CPSU-Power sector investments. Few projects with Rs.12000 crore and about 3.4 million ton capacity are to be expanded and commissioned in steel production etc. during 2012-13.

3.7 Vendorisation / Ancillarisation of the Industry:

Due to presence of large enterprises in Hazaribagh district there has been tremendous scope of vendorization and ancillarization of Cement, General engineering, chemical, Rice Mill, Ceramic and machine tools, heavy & Light electrical & Electronics machineries, refractories products etc.

3.8. Medium Scale Enterprises:

3.8.1 List of the units in Hazaribagh & nearby Area:

| Industry | Type |
|----------------------------------------|----------------------------|
| Himachal Futuristic Communication Ltd. | Telecom Equipment |
| Solar Smokeless Fuel Pvt.Ltd. | Smokeless Fuel |
| Superflam Corporation | Smokeless Fuel |
| Interlink Coal Pvt.Ltd. | Coal |
| Bihar Minerals | Grinding of Mineral |
| Hindustan Petroleum Corpn.Ltd. | LPG Bottling Plant |
| Videocon International | Colour TV, Washing Machine |

Vandana Industries

Basudeb Auto Ltd.

Prateek Automobile

Republic Pvt.Ltd.

Refrigerator

Fly Ash Bricks

Preparing & Servicing of Tata Motors

servicing of M&M Vehicle

Service Station, M& M

3.8.2 Major Exportable Item: -- NIL --

3.9 Service Enterprises:

- Hindustan Auto Maruti Works Shop
Basudeb Auto
Prateek Automobile
Republic Pvt. Ltd.

3.9.2 Potentials areas for service industry:

1. Dot Com Site,
2. Computer Hardware maintenance,
3. DTP,
4. Medical Transcription
5. Computer Institutes,
6. Toner for Printers,
7. Cyber Café,
8. Assembly of Computers,
9. Software development,
10. Data Processing,
11. Computer Papers,
12. Computer Printing Ribbon,
13. AutoRich saw,
14. Tent House,
15. Dairy farm,
16. BeautyParlor,
17. Hotels and Restaurants,
18. Piggery farm,
19. Goat farming,
20. Photo Studio,
21. Pathological Laboratory,
22. Poultry farm,
23. Fast food stalls,
24. Health Club,
25. Saloon,

26. Fish hatching,
27. Videography,
28. Automobile repairing,
29. TV and Radio Repairing,
30. General Engineering,
31. Denting and Painting,
32. Watch Repairing,
33. Transformers Repairing
34. Electrical & Electronic household Appliances Repairing.

3.10 Potential for new MSMEs:

Industrial potential of any area / region depends mainly on certain factors such as availability of natural resources, density of population, their literacy rate, income, standard of living etc. which generate sufficient demand for products.

Availability of infrastructural facilities, incentives and concessions offered by the Government, Institutional support, etc. are some of the other factors governing the industrial potential of the region. The analysis of existing industries has revealed the areas of concentration and saturation of industries and areas which have hitherto remained unexplored, un-thought of. These areas have sufficient potential for growth. So, the lop-sided development of the district can be avoided by exploring new product line, which are demand-based, resource-based, and technical Know-how-based. However, a significant point to note here is that in order to sustain itself, an industry must also explore the possibility of marketing of products at neighboring areas and across the boundaries of the district. This is imperative to make the unit viable. Thus, the prospect of industries in Ranchi district has been identified under three broad categories :

1. Resource – based,
2. Demand – based,
3. Units – based on availability of technical-know-how.

1. RESOURCE – BASED:

A. AGRICULTURE – BASED:

| | | | |
|----|-------------------------------------|-----|-------------|
| 1. | Mini Rice Mill | 7. | Cattle feed |
| 2. | Mini Dal Mill | 8. | Pickles |
| 3. | Potato Chips in vacuumed tetra pack | 9. | Papad |
| 4. | Bakery [in modern oven] | 10. | Gur |

| | | | |
|----|------------------------------------------------|-----|---------------------------------------------------------------------|
| 5. | Jam, Jelly, Sauce, Tomato Ketchup | 11. | Mashroom growing with International standard [i.e. export oriented] |
| 6. | Dehydrated vegetables specially peas & ginger. | | |

B. FOREST – BASED:

| | | | |
|----|---------------------------|-----|-----------------------|
| 1. | Wooden furniture | 7. | Leaf plates |
| 2. | Wooden building materials | 8. | Herbal Unit |
| 3. | Saw mill | 9. | Gum-paste |
| 4. | Packing boxes | 10. | Bidi Unit |
| 5. | Wooden toys | 11. | Photo frames [wooden] |
| 6. | Cane basket | 12. | Ayurvedic Medicine |

C. MINERAL – BASED:

| | | | |
|----|------------------------------------------------|----|--------------------------------|
| 1. | Mica based units | 5. | Processing of other minerals |
| 2. | Mineral grinding specially soap stone & Quartz | 6. | Chalk crayons |
| 3. | Stone-cutting and polishing unit | 7. | Emery paper for commercial use |
| 4. | Stone-crusher | | |

D. LIVESTOCK – BASED:

| | | | |
|----|-----------------------------------------------------------|----|----------------------------------------------------------------|
| 1. | Leather fancy items, shoes, chappals, purses, valets etc. | 3. | Brushes made out of animal hair for general and commercial use |
| 2. | Various milk products. | 4. | Bone mill |

Total number of units suggested based on Resources available in the District = 34.

2. DEMAND – BASED :

Given the present population and its likely hood of increase, it is most likely that the demand for goods and services would go up in the times to come.

A. FOOD PRODUCTS AND PROCESSING:

| | | | |
|----|--------------------|-----|----------------------|
| 1. | Ice candy | 9. | Mini rice mill |
| 2. | Ice-cream | 10. | Milk products |
| 3. | Bread | 11. | Vegetable processing |
| 4. | Biscuits | 12. | Dehydrated vegetable |
| 5. | Other bakery items | 13. | Mushroom cultivation |
| 6. | Masala grinding | 14. | Sawai |
| 7. | Mini dal mill | 15. | Noodles |
| 8. | Flour mill | 16. | Eggs [or poultry] |

B. HOSIERY AND COTTON TEXTILES:

| | | | |
|----|-----------------------|----|---------------|
| 1. | Readymade garments | 4. | School bags |
| 2. | Cotton under-garments | 5. | Hold alls |
| 3. | Woolen knitwear | 6. | Thread riling |

D. PAPER PRODUCTS:

| | | | |
|----|------------------------------------|----|-----------------------------------------|
| 1. | Book binding | 5. | Exercise book/Register. |
| 2. | Paper envelops | 6. | Lessor printing |
| 3. | File covers/boards [paper/plastic] | 7. | Paper boxes for confectionery packaging |
| 4. | Packing boxes | 8. | Computer papers |

E. LEATHER PRODUCTS:

| | | | |
|----|------------------------|----|----------------------------------------------------------|
| 1. | Leather shoes/chappals | 2. | Other utility items such as hand bags, ladies purse etc. |
|----|------------------------|----|----------------------------------------------------------|

F. CHEMICAL UNITS:

| | | | |
|----|-----------------|-----|------------------------------------|
| 1. | Printing ink | 12. | Injection moulded plastic products |
| 2. | Storage battery | 13. | Blow moulded plastic products |
| 3. | PVC pipes | 14. | Hawai chappals |

| | | | | |
|-----|------------------------------------------|--|-----|-----------------------------------------|
| 4. | Detergent powder/soap | | 15. | Tyre retreading |
| 5. | Candles | | 16. | Ink – pad |
| 6. | Chemical processing of herbals | | 17. | Bleaching powder |
| 7. | Paints and varnishes specially red oxide | | 18. | Plastic bags & straps for packaging |
| 8. | Phynile | | 19. | Plastic milk pouches |
| 9. | Ball pen refill | | 20. | Pilfer proof cap |
| 10. | Gul | | 21. | Adhesive tapes for commercial packaging |
| 11. | Agarbatti | | | |

G. GLASS AND CERAMICS:

| | | | | |
|----|------------------------|--|----|-------------|
| 1. | Looking glass | | 3. | Cement jali |
| 2. | Low tension insulators | | | |

H. MECHANICAL UNITS:

| | | | | |
|----|-----------------|--|----|------------------------|
| 1. | Steel furniture | | 5. | Steel trunks |
| 2. | Gates & Grills | | 6. | Cycle chain cover |
| 3. | Kerosene stoves | | 7. | Cycle carrier & stand |
| 4. | G.I. bucket | | 8. | Agriculture implements |

I. ELECTRICAL / ELECTRONICS:

| | | | | |
|----|-----------------------------|--|----|-----------------------|
| 1. | T.V. antenna / Disc antenna | | 2. | T.V. / Radio assembly |
|----|-----------------------------|--|----|-----------------------|

J. SERVICES UNITS:

| | | | | |
|----|---------------|--|-----|--------------------------|
| 1. | Photostat | | 8. | Beauty parlour |
| 2. | Lamination | | 9. | Cattle and poultry feed |
| 3. | Photography | | 10. | Computer data processing |
| 4. | Dairy farming | | 11. | Offset printing |
| 5. | Poultry | | 12. | Rasdio / T.V. repairing |
| 6. | Fish hatchery | | 13. | Cycle repairing |

| | | | | |
|----|-----------------|--|-----|----------------------|
| 7. | Piggery farming | | 14. | Automobile repairing |
|----|-----------------|--|-----|----------------------|

Total number of items suggested under demand based units = 82.

3. I.T. BASED ACTIVITY:

| | | | | |
|----|-------------------------------|--|----|--------------------------|
| 1 | Dot Com Sites. | | 2 | Cyber Café. |
| 3 | Computer Hardware Maintenance | | 4 | Assembling of Computer |
| 5 | D.T.P. | | 6 | Software Development |
| 7 | Medical Transcriptionist | | 8 | Data Processing |
| 9 | Computer Institutes | | 10 | Computer Paper |
| 11 | Toner for Printer | | 12 | Computer Printing Ribbon |

4. UNITS BASED ON AVAILBILITY OF TECHNICAL KNOW HOW:

| | | | | |
|-----|------------------------|--|-----|--------------------|
| 1. | Mini Bakery | | 2. | Sawai |
| 3. | Softy | | 4. | Bari and Papad |
| 5. | Powdered Spices | | 6. | Pickles |
| 7. | Fish – Pickle | | 8. | Bleaching Powder |
| 9. | Agarbatti | | 10. | Liquid Detergent |
| 11. | Boot Polish | | 12. | Naphthalene Balls |
| 13. | Phenyl | | 14. | Ink |
| 15. | Washing Soap | | 16. | Hair Oil |
| 17. | Plastic Goods | | 18. | P.V.C. Diary Cover |
| 19. | Nail Polish | | 20. | Rubber Stamp Ink |
| 21. | Concrete Jali & Gamala | | 22. | Mosaic Tiles |
| 23. | Polished Stone Bricks | | 24. | Screen Printing |
| 25. | Chalk Crayons | | 26. | Spectacles Frame |

| | | | |
|-----|------------------------------------|-----|----------------------------------|
| 27. | Small Transformers | 28. | Battery Charging and Assembling. |
| 29. | Digital clock Assembling | 30. | Lens Grinding |
| 31. | Gems Cutting and Polishing | 32. | T.V. Antenna |
| 33. | T.V. Repairing | 34. | Tube Light Chawk |
| 35. | Ganji, Underwear | 36. | Petticoat, Blouse |
| 37. | Brassier | 38. | Leather Bag |
| 39. | Foam Pouch | 40. | Shoe and Chappals |
| 41. | Leather Lace | 42. | Aluminium Utensils |
| 43. | Cycle Stand and Carrier | 44. | Automobile Repair Shop |
| 45. | Automobile Servicing Centre | 46. | Steel Furniture |
| 47. | Wooden Furniture | 48. | Lathe Machine Shop |
| 49. | Shutter Blade | 50. | Wooden panels and Door |
| 51. | Printing Press | 52. | Industrial Gloves |
| 53. | Sanitary Napkins | 54. | Readymade Shirts and Paints |
| 55. | Paper Pin | 56. | Photo Frame (wooden) |
| 57. | Agriculture Tools and Implements | 58. | Exercise Book |
| 59. | Surgical Bandage | 60. | Sari Falls |
| 61. | Gate, Grill | 62. | Steel Trunk and Boxes |
| 63. | Electric Repair Shop | 64. | Motor Cycle and Scooter Repair |
| 65. | Cycle and Rickshaw Repair | 66. | Data Processing through Computer |
| 67. | Confectionery | 68. | Atta Mill |
| 69. | Mini Dal Mill | 70. | Sattu |
| 71. | Chura Mill | 72. | Lac Bangles |
| 73. | <u>THROUGH PARTNERSHIP:</u> | | |
| a. | Chimney Bricks | | |
| b. | Stone Crusher | | |

| | | | |
|--------|-------------------------------|--------|---------------------------------------------------|
| c. | Offset Printing Press etc. | | |
| 74. | <u>SERVICE SECTOR:</u> | | |
| i. | Auto Rickshaw | ii. | Trekker [in partnership] |
| iii. | S.T.D. Booth | iv. | Typing Institute |
| v. | Tent House | vi. | Pathological Laboratory |
| vii. | Dairy Farm | viii. | Poultry Farm |
| ix. | Beauty Parlour | x. | Fast Food Stall |
| xi. | Hotel | xii. | Health Club |
| xiii. | Laundry | xiv. | Saloon |
| xv. | Piggery Farm | xvi. | Fish Hatching |
| xvii. | Goat Rearing | xviii. | Videography |
| xix. | Photo Studio. | xx | Cyber café including Internet services & E – mail |
| xxi. | Computer Hardware maintenance | xxii. | Software development |
| xxiii. | Desk Top Publishing [DTP] | | |

- **Existing Clusters of Micro & Small Enterprise:**

4.1: DETAIL OF MAJOR CLUSTERS:

4.1.1 Manufacturing Sector:

4.1 Service Sector: NIL

4.2 : Details for Identified cluster

4.2.1 Name of the cluster: Bell Metal Cluster, Bishnugarh, Hazaribagh

| | | |
|---|------------------------------------------------|------------------|
| 1 | Principal Products Manufactured in the Cluster | Utensils |
| 2 | Name of the SPV | Yet to formed |
| 3 | No. of functional units in the clusters | 55 |
| 4 | Turnover of the Clusters | Rs. 11.220 Lakhs |

| | | |
|----|-----------------------------------------|---------------------------------------------------------------------------------|
| 5 | Value of Exports from the Clusters | NIL |
| 6 | Employment in Cluster | 425 |
| 7 | Average investment in plant & Machinery | Rs. 1.25 Lac |
| 8 | Major Issues / requirement | Technology Up gradation, Raw Materials, Marketing, Finance, Skill Development. |
| 9 | Presence of capable institutions | NML, Jamsedpur, BIT Mesra, NIFFT Ranchi, |
| 10 | Thrust Areas | Quality improvement, Capacity Building |
| 11 | Problems & constraints | Lack of cost effective technology, lack of finance, skill development, Marketin |

Present status of the cluster:- Approval for Soft Intervention has been submitted to DC (MSME), New Delhi – Approval awaited.

- **Name of the cluster:**

4.2.3 Chemical cluster: -- NIL --

4.2.4 Fabrication and general engg cluster: -- NIL --

4.2.5 Name of the cluster

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

- I). Adequate industrial infrastructural facilities are needed to be developed.
- II). Adequate fund flow is required so as to meet emerging new challenges and threats,
- III). Interrupted power supply is needed to be maintained,
- IV). Law and Order position in the state is essential for smooth working of industrial activities,
- V). Benefits to MSME Sector offered by Central and State Governments have to be ensured and given on priority basis.
- VI). Emphasis on R & D support to MSMEs has to be laid down.
- VII). Large industries must prescribe a defined percentage of purchasing commodities from MSME sector.

**** . STEPS TO SET UP MSMEs**

Following are the brief description of different agencies for rendering assistance to the entrepreneurs.

| S.No | Type of assistance | Name and address of agencies |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Provisional Registration Certificate (EM-1) & Permanent Registration Certificate (EM-II) | GM, District industries centre, Hazaribagh |
| 2. | Identification of Project Profiles, techno-economic and managerial consultancy services, market survey and economic survey reports. | MSME-Development Institute, 3 rd Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010 |
| 3. | Land and Industrial shed | Ranchi Industrial Area Development Authority(RIADA), 5 TH Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010 |
| 4. | Financial Assistance | All commercial and Scheduled Banks |
| 5. | For raw materials | National Small Industries Corporation(NSIC), Camp Office: Jharkhand Small Industries Association Building, kokar Industrial Area, Kokar, Ranchi-834001 |
| 6. | Plant and machinery under hire / purchase basis. | National Small Industries Corporation(NSIC), Camp Office: Jharkhand Small Industries Association Building, kokar Industrial Area, Kokar, ranchi-834001 |
| 7. | Power/ Electricity | Jharkhand State Electricity Board. |
| 8. | Technical Know – how. | MSME-Development Institute, 3 rd Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010 |
| 9. | Quality & Standard | Bureau of Indian Standard, Burma Mines, Jamshedpur. |
| 10. | Marketing /Export Assistance | MSME-Development Institute, 3 rd Floor, RIADA Building, Namkum Industrial Area, Samlong, Ranchi834010 |

| | |
|--------------------------------|------------------------------------------------------------------------|
| 11. Other Promotional Agencies | District Animal & Block Animal Husbandry officer, Hazaribagh |
| | Conservator of DFO Forest, social posted in forestry, Hazaribagh |
| | District Fisheries officer cum Chief Executive officer, Hazaribagh |
| | District Agriculture/Horticulture Officer, Hazaribagh |
| | District Animal & Block Animal Husbandry officer, Hazaribagh |
| | District Animal & Block Animal Husbandry officer, Hazaribagh |
| | The Director, KVIC, Shanti Bhawan, Albert Ekka Chowk, Ranchi. |

'9. Additional Information, if any:

9.1: Institutional Support to MSMEs:

| Sl. No. | Activity | Institutions rendering services |
|---------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Business Opportunity Guidance | <ul style="list-style-type: none"> • MSME-DI ,Ranchi • Birsa Agricultural University, Kanke ,Ranchi, • Directorate of Industries, Govt. of Jharkhand, Nepal House, Doranda, Ranchi & Its DICs & Industrial Area development Authorities(RAIADA, BIADA,AIADA,DIADA), • Directorate of Agriculture, Kanke Road, Ranchi. |
| 2 | R & D support | <ul style="list-style-type: none"> • MSME-DI ,Ranchi, • BIT, Mesra, Ranchi • IINRG, Namkum, Ranchi. • NML, Jamshedpur, • CMFRI, Dhanbad, • ISM, Dhandad, |

| | | |
|---|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <ul style="list-style-type: none"> • BIT, Sindri, Dhanbad • Vinobhave University |
| 3 | Business Incubation | <ul style="list-style-type: none"> • ISM, Dhanbad, • MRSC, Bokaro Steel City. |
| 4 | IPR | <ul style="list-style-type: none"> • MSME-DI ,Ranchi, • IUSRL,Mesra, Ranchi, • IIM, Ranchi, • BIT, Mesra, Ranchi |
| 5 | BIS certification | <ul style="list-style-type: none"> • Bureau of Indian Standard, Patliputra Colony, Patna(Bihar), • Bureau of Indian Standard,Ranchi and Jamshedpur. |
| 6 | Lean manufacturing | <ul style="list-style-type: none"> • National Productivity Council, Patna and Cuttack |
| 7 | Marketing Assistance & Procurement of Raw material | <ul style="list-style-type: none"> • National small Industries Corporation, Jamshedpur. |