

CHAPTER II

2 Review of Literature;

The assessment of literature to be had on Bell metal industry has its own importance considering it provides a background knowledge. Reviewing the literature it's determined that there are numerous studies have been finished on the Industrial sample and motive of their editions.

Maizels(1970) analyses the long run relationship between industrial development and global trade in manufactured items. A few exclusive facets of this relationship can be individually regarded. In specific, it is priceless on the establishing to differentiate the issues of industrialization in a primary producing nation like India and Brazil, and the impact of such Industrialization on the nation's alternate. Keynes(1936) for the first time studied Industrial relationship development focusing his attention on the forces which determines the employment coverage followed in Industrialization procedure. He gave the theory that entrepreneurship will present the quantity of employment which offers highest output and support the employment can broaden with only broaden in funding and vice-versa. The industrial connection can typically idea as channel via which the progress impulses are influenced and transmitted now not most effective inside the development center but in addition in area rather than the center. Industrial connections are permitted tools of regional progress. Which incorporate the development of underdeveloped areas. For this reason the procedure of forward and backward integration between complementary Industrial models expected to be equipped to advance a self aiding progress process. Streit(1969) was of the opinion that in fostering such approach of complementary industries it can be expected that the strength and form of backwardness and favorable integration concerned would not gave upward push to self aiding developmental process.

Scholars on Industrial recreation additionally well-known the realistic relationship between the corporations and the Industries main to considerable total monetary progress in Industrial construction. Hence when it comes to the practical relationship of businesses or industrial institution agglomeration has been recognized as one of the area causes besides the least fee of transportation and labour. Britton(1969)

A case be trained on rural industrialization was made by means of Deleyn(1973) on the basis of detailed and function learn of China's economy, come to the conclusion that the construction of small scale industries represent the one method of making a enormous number of jobs for the young worker coming in to the labour market. A further fundamental evaluation of the benefits and downsides of adoption of a labour incentive science has been awarded by means of Dandekar and Rath(1970). These two students pointed out that there are three main questions which need to receive utmost importance before accepting the labour incentive science as probably the most suitable employment oriented technique of industrialization similar to i) Does the adoption of a labour incentive technological know-how allow a individual to earn a minimum fascinating dwelling ii) If the answer is forcibly maintained over a period, does it create situation for innovative economic development or is there a threat of its leading in to situation of stagnation .

A number of case studied conducted in exclusive international locations by World bank(1978) result in the conclusion that small manufacturing firms generate more direct and more oblique jobs per unit of invested capital on the common. The gain knowledge of indicated that in lots of movements the place the most effective size of construction unit is small, it proves to be essentially the most effective group as the dimensions of the businesses broaden a) Capital funding per workers rises b) price introduced per staff rises c) wage price rises d) value added per unit of capital falls. A element gain knowledge of of industrial sample of India and South Asian nations was applied by Mehta(1976) .In the context of inter regional, inter nation, inter industry evaluation, he recommended a vast framework of an employment oriented industrial technique must incorporate energetic, sustained and concrete measures for i)fuller and extra effective utilization of idle ability in manufacturing industries ii)lessen the capital intensity of industrialization through a) advertising of labour intensive manufacturing b) utility of economically sound labour intensive procedures of construction c)rapid expansion and advertising of technically sound and economically practicable small and cottage industries that could relaxed total expand in output, saving , investment and employment.

In the Indian context it seems that the huge amount of business literature is discovered on the bottom in industrial labour employment. This is regularly due to the fact that the Indian scholars are constantly preoccupied via tremendous scale unemployment dependence

of population on agriculture as the country is high in populace .Therefore, lots of the reviews in the discipline are process for employment generation . Actually in a country like India ,even the country wide planners are left with little option except to adopt the method of labour intensive small scale industrialization programme to broaden employment opportunities.

Ball (1965) studied the relationship between productiveness constructions and economic growth with precise reference to India. The main issue and capacity of the working population to make use of its time productiveness, to preserve its social and monetary rate low and to give a boost to its inputs and outputs regularly suggests clearly the total financial development that's the performance degree of the entire work units in the country wide economy have to be more often than not promoted and preserved in terms of socio-monetary growth.

Roa(1960) has proven how Small Scale and cottage industry play a precise role in our financial system chiefly when our capital assets are constrained and population is growing at quick segment, high stress used to be made in the plan for the progress of Small Industries while making quick development in the matter of industrialization. The importance of small industries in the altering patter of financial and social life ,especially to nations which might be still within the early phases of industrialization need not be particularly point out. We must now not handiest equipped creation in small models but also geared up in a cooperative method where viable .

Dutta and Sundharam(1979) studied the employment oriented process if industrialization by using figuring out employment output, capital output and employment generated in distinct industrial sectors. Their studied revealed that though productivity is the bottom within the small scale sector , its employment producing capability used to be eight instances that of the higher sector. They accordingly strongly supported for the small scale and household industrial enterprises as an principal and talents employment new release sector.

Srivastava(1984) implemented his learn on rural industrial development situated on the genuine survey in 5 neighborhood progress blocks of Jaipur district in Uttarpradesh. His gain knowledge of focused more often than not on the extent and nature of unemployment among agriculturists and agricultural labors. Rau (1985) has take try a descriptive run of the prevailing reputre of rural industries in India, Philippines, Republic of Korea and Japan. The attention with small print is on India. Philippines, Korea and Japan are touched without any effort or a

comparative evaluation. The vital handicraft board has 34 marketing and repair extension facilities in one-of-a-kind materials of India. This provide package of offerings to make stronger the marketability of their goods, understanding is disbursed about the marketing necessities and so they also mould the creation packages suitably in commonplace conferences. The endeavor of the facilities covers provide of uncooked substances procurement of finish items and likewise different fiscal help also. The Board guide s State handicraft co-operatives to help the customers from the artisans directly. A massive quantity on reviews on organizational requirements of village and small scale industries in India are finished. Mishra (1986) has tried the position of rural industrialization in India. The position of cottage industry in India has been the most important focal point in a big number of stories by using Gupta(1988) have analyzed the development and development of the pottery industry in India. He has examined at size the organizational structure in details. Choudhary(1970) targeted his awareness among the decay of the cottage industry in India. At present the following may also be stated 1) old Implements b) need of technical advantage c) want of Capital d) The Difficulties of transport for advertising and marketing of completed products. Small scale and cottage Industries have been accorded designated significance within the country for various social in your price range and political causes. They kind an important and growing section of the Indian Industrial structure in these days. Gupta(1988)

considering that inception of the 5 year plan industrialization in India. Has been progressing vastly. The commercial constitution has come to be more varied and confronted with issues of specific nature. Singh(1972) tried a learn on industrial geography of India which involves a significant amount understanding on industries in India.

Industrial sickness is without doubt one of the severe problems of Indian economy. Nagaiya (1991) industrial ailment has assumed alarming proportions, leading to popular losses in creation, revenue and employment on quite a lot of explanations reminiscent of non on hand assignment, mismanagement at the unit stage, labour unrest scarcity of funds , technological obsolesce, stringent government rules have by and large been evolved as background motives contributing to industrial ailment in India .It's totally disappointing that the sickness has been generally restrained to the small scale industries. The opening of the state-of-the-art manufacturing facility method in India will also be traced again to the 2nd half of of the 19the

century. Ramavatar(1992) before 1850, there have been some indistinct attempts to hooked up ultra-modern factories in India. Those had been the pioneering efforts, more commonly of the Europeans and so they acquired success due to the fact of political privilege manipulate over external industry and manage over geared up money market. The first Indian to consider on the road of industrial progress or industrial entrepreneurship was Rachod Lal Chotalal a Nagpuri Brahmin in 1847.

There have additionally been countless reviews on the economic development of the North jap vicinity of India .Consistent with Das(1970) the commercial development of the state is most likely affected by their isolation from the rest of India . A foul transport system, an extraordinarily small regional market, lack of technology and lack of ample capital and labour.

The continuing of the seminar on the have an effect on of the 5year plan on the socio monetary development of the North East neighborhood of India organized via Guwahati institution , Guwahati within the month of January 1988, have emphasised on many aspects of commercial progress in this a part of the nation .There are many scholars who've presented unique research papers an distinctive themes. The seminar concluded that there are enough advantage in the industrial sector of NER which can take in more labour drive and the fact that the sphere has enough employment opportunities at some point with increasing industrial construction and productivity is notably of the small scale and cottage industrial, Bhorali(1988)

in this regard Mali and Bandopadhyay (1993) observed that the commercial backwardness of this vicinity is reflected in the fact that the contribution of the manufacturing sector to the state home fabricated from the North East region is much smaller, that the contribution of this sector to the countrywide manufactured from the country. Nonetheless, Mali(1993) found that the problems are ordinarily geographical in fracture , financial. Advertising and marketing, entrepreneurial and so on. Chiefly as regart to small scale industries.

Sarma(1971) examined the spatial sample of the distribution of market centers in Assam and more than a few services offered by means of those centers. Bhagabati(1978) in a consultant village learn examined the economic climate of a village in Nalbari district, Assam and advised measures for planning for fiscal development of the village. The village and small scale industries committee dealing with employment oriented technique of industrialization , planning

fee(1956) advised the setting of village and small scale industries in the rural areas can be compatible as the rural areas or persons were rationally expert. The committee realized the need of introducing better process among the village industries with the intention to make them go together with the regularly expanding countrywide economic system. The committee extra encouraged that such injection of higher technological know-how in the rural industries should no longer abate the employment new release within itself.

Ashok Kumar has center of attention his be taught in rural industrialization in India (1995) , the productivity is so low that with out an broaden in their scale of operation , of growth in science their sales is prone to remain below the poverty line

Increase within the scale of operation and improvement in science call for development of entrepreneurship and facilities of finance, advertising and marketing , purchasing of enter and many others.

A limited reviews and study work together with Deka (2001) are glaring makes an attempt to comprehend the Bell metallic artisan lifestyles and problems. This be taught relate to the cultural heritage . In keeping with her be taught Sarthebari is likely one of the villages which contributed much to the cultural heritage of Assam. It's popularly bear in mind as industrial village. The village is broadly identified not handiest in Assam but additionally within the country for its Bell metal enterprise. Most of the individuals of the village carried their livelihood via this industry since gone , and their inventive ability contributed to the Assamese culture.

Vikaram Chandha (2006) in his article, on “Financing the Modernization of Small Scale Industries in India: Opportunities and constraints”,had stated that in spite of the exceptional contribution of the small scale industries to the boom and improvement of the Indian Economy in fashionable, and the commercial area especially, the SSIs had remained affiliated with serious techno-monetary troubles, due to which about 31 in step with cent (about 2.7 lakhs) of the registered small units inside the country.

D. S. Leelavathy (2006) in her study on the, “Role of Industrial Estates in Developing Small Scale Industries in Karnataka” had made an appraisal of the diverse commercial estates functioning within the Karnataka nation. The look at had highlighted the fact that within the

country of Karnataka, there has been a loss of co-ordination some of the numerous groups enforcing the development of the industrial property programmes. They have a look at had found out the truth that the agricultural industrial estates within the states did no longer function as successfully as the ones of the urban business estates.

Bhagwan Prasad (2006) in his examine on the organisational shape of the small scale zone had recommended that promotional measures for providing aid to the small scale area needed to be appeared into. The possession sample of the small scale quarter had certainly given a stressful signal.

Prabhakara Rao (2007), in his paintings, on “Problems and Causes of Sickness of Small Scale and Tiny Industries”: had studied approximately the elements that had been responsible for the illness of the tiny and the small industries. He has determined out that some of the different factors, the distinguished elements were management deficiency, inadequate availability of finance, out-moded technology and the marketing of the products produced.

A take a look at performed by using Sri E.Narayanan Nadar (2007) underneath the name “The issues of labour in Small Scale Industries in Kamarajar District of Tamil Nadu”, particularly deals with the socio-financial traits of the people, their salary structure and the wage differentials, alternate unionism among employees, labour management relations, labour welfare and the working conditions of the labourers. They have a look at had concluded that the introduction of an enlightened employers’ force, and the education of the labour force are the maximum crucial troubles of the small scale region.

The take a look at by Kumar and Gupta (2008) accessed competitiveness of each prepared and unorganized manufacturing area at enterprise and kingdom degree using indices of price introduced, employment, salary, and partial productivities. But, they have a look at isn't specific to the SSIs segment and it did no longer use any combination index to measure competitiveness of India’s production zone

Trivedi (2011) used state degree disaggregate statistics on organized manufacturing sector to discover the relationship between state level TFP growth and their competitiveness rankings. They take a look at took pick out nation sensible competitiveness scores from different assets wherein competitiveness is measured via kingdom level characteristics inclusive of issue conditions,

demand situations, strategic context and assisting situations. However, it did not locate any systematic dating among competitiveness and TFP growth of the states

Bhabananda Bayan(2011) studied the connection among productivity systems and monetary growth with unique reference to India. The challenge and capability of the operating populace to utilize its time productiveness, to maintain its social and monetary fee low and to enhance its inputs and outputs continuously indicates essentially the general financial growth that is the overall performance stage of all the paintings devices in the country wide economic system must be frequently promoted and preserved on the subject of socio-financial growth.

Review of Literature

Name/ Date	Objectives	Findings
Keynes(1936)	Forces which determines the employment policy followed in Industrialization process	Entrepreneurship will offer the amount of employment which of support the employment can increase with only increase in inve
Roa(1960)	Changing patter of economic and social life ,specially to countries that are still in the early phases of industrialization	Small Scale and cottage Industry play a distinct role in our econ capital resources are limited and population is increasing at fa
Ball (1965)	Relationship between productivity structures and economic growth	Functional relationship between the firms and the Industries lea overall economic growth in Industrial production
Maizels(1970)	Long term relationship between industrial growth and international trade in manufactured goods	There are distinguish problems of industrialization in a primary India and Brazil, and the impact of such Industrialization on the
Dandekar and Rath(197)	Long term relationship between industrial growth and international	Labour incentive technology as the most suitable employment industrialization

0).	trade in manufactured goods	
Choudhary(1970)	Sickness of the cottage industry in India	1) Old Implements b) Want of technical Skills c) Want of Capital d) Lack of transport for marketing of finished products.
Das(1970)	A bad transport system, A very small local market, lack of technology and lack of sufficient capital and labour.	Transportation is one the most important factor for the development in the rural areas.
Sarma(1971)	Distribution of market centers in Assam and various services offered by those centers.	Since inception of the five year plan industrialization in India. has become significantly. The industrial structure has become more diversified. The problems of different nature
Deleyne(1973)	Study of China's economy in context to the rural markets	Creation of small scale industries constitute the only means of providing jobs for the young employee coming in to the labour market.
Mehta(1976)	Study of industrial pattern of India and South Asian countries	Fuller and more efficient utilization of idle capacity in manufacturing
Bhagabati(1978)	The economy of a village in Nalbari district,	Suggested measures for planning for economic development of rural areas understanding the rural markets
Dutta and Sundharam(1979)	Employment oriented strategy if industrialization by working out employment output, capital output and employment generated in different industrial sectors.	Though productivity is the lowest in the small scale sector , its capacity was eight times that of the larger sector
Srivastava(1984)	Rural industrial development based on the actual survey in five community development blocks of Jaipur	Nature of unemployment is very important among agriculturists
Rau(1985)	Existing status of rural industries in India, Philippines, Republic of Korea and Japan. The concentration with details is on India	The activity of the centers should covers supply of raw materials, goods and also other financial assistance also. The Board assist co-operatives to help the purchasers from the artisans directly
Mishra(1986)	Role of rural industrialization in India	Role of cottage industry in India has been the major focus in all plans. The problem of implementation is a major problem
Gupta(1988)	Growth and development of the pottery industry in India.	Small scale and cottage Industries have been accorded special status for various social economical and political reasons

Gupta(1988)	The impact of the 5year plan on the socio economic development of the North East region of India	All the 5year plan is not successful because of the lack of implementation of government in the ground level
Narver et al (1990)	The relationship between sustainable competitive advantage and market orientation in business culture	Industrial sickness is one of the serious issues of Indian economy
Nagaiya (1991)	The factors that causes industrial sickness in the rural region of India	Industrial sickness has assumed alarming proportions, leading to a decline in production, income and employment on various reasons such as poor management, mismanagement at the unit level, labour unrest shortage of funds, technological obsolesce,
Bandopadhyay (1993)	Industrial backwardness of North east region	Contribution of the manufacturing sector to the state domestic product in the North East Region is much smaller as compared to India
Mali(1993).	Industrial backwardness of North east region	Observed that the problems are mainly geographical in nature such as poor infrastructure, entrepreneurial etc. particularly as regard to small scale industries.
Ashok Kumar 1995	Rural industrialization in India	Improvement in technology their income is likely to remain below the poverty line
Christensen and Lacroix (1997)	Promotion of rural non – farm enterprises	Potential to absorb this excess farm labour, stimulate rural development and reduce rural poverty.
Reardon (1998)	Factors that effect the rural industries	Success of rural industries crucially depends on two major functions: production and marketing and internal resource generation including finance.
Sara (2000)	Marketing in rural market	Although rural India needs to purchase consumer goods just as urban India does, rural Indian consumers have a different set of needs that require a different package and product
Deka (2001)	Attempts to understand the Bell Metal artisan life and problems	Most of the people of the village carried their livelihood through agriculture in the past , and their artistic skill contributed to the Assamese culture
Smith and Jackson, (2004)	Importance of rural enterprise	Rural enterprise needs to be encouraged to preserve the countryside and to provide employment
Aziz (2006),	Entrepreneurs first emerged in the rural area	Basically traditional artisans, cultivators and businessmen engaged in the production and distribution of goods and services
Kashyap and Raut , (2006)	Factors affecting the understanding the local markets by craftsmen.	That craftsmen have lack of understanding about the local demand and market dynamics

Hiernerth and Kessler (2006)	Compare various measure of success	Small family business performance is better and success rate
Raghuvansh (2007)	Concentrated on rural artisans who needed a support in the era of global marketing.	It helps the rural craftsmen who intend to create a unique to with platform for developing the era of global market linkage with cu
Giron et al (2007)	Key factor for the success of rural artisans in Mexican city	Use of personal recommendation which is used to promote pro
Bar-EI (2008)	Explained that relatively high share of employment in food processing	Indicative of the tendency for agricultural processing activities, South east.
Prasad and Tata, (2009)	Developing world most citizens rely on self-employment and micro-enterprise operations as their only source of income	Competition from large-scale industrial outfits, most micro-ente to compete in terms of quality or price.
Leonidas , Zampetakis et al, (2010)	Evidence of the utility of existing opportunity entrepreneurship theories in rural contexts.	That entrepreneurs' personality, prior knowledge, expectation o level of education are significant predictors of opportunity entre
Haggblade, Hazell, Reardon (2010)	Introduced the rural nonfarm economy in rural areas	Author concerned these in sections, one is focused on agricultu
Longworth, (2011)	Engaging smallholders in specialty agricultural product markets poses significant challenges for China	The market efficiency approach provides a new perspective on offers new insights about appropriate policy settings both at a r
. Poon and Weersink , (2011)	Factors affecting the relative variability in farm and off-farm income for Canadian farm operators.	Government payments have a small, positive effect on farm an variability, indicating this support leads farmers to take on more reduce the use of self-insurance activities.
Teerakul, Villano et al, (2012)	Framework for developing assess Community-based Enterprises	Poverty has reduce at the household level in northern Thailand

There are many other works related to the bell metal industry of Sarthebari area. The enlightening are number of articles which have been published in various journals, papers etc. Out of them Patowari(1986), Choudhary(1995), Deka(1983), Deka(1995),Tamuli(1995), Bhupesh Tiwari (2002) ,Talukdar(2006), Bhagwan Prasad (2006) D. S. Leelavathy (2006) , Prabhakara Rao (2007), Sri E.Narayanan Nadar (2007) , Kumar and Gupta (2008) , Birnchu Choudhary (2011), Manjit Das(2011), Bhabananda Bayan(2011), Trivedi (2011) , Bishmita Medhi (2012),Sailajananda Sakia (2012)