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# Review Of Research



## PHYSICAL PROBLEMS OF POWER LOOM WORKERS IN SOLAPUR CITY: A GEOGRAPHICAL ANALYSIS



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### ABSTRACT

Geography is the study of dynamic interaction between man and environment through the medium of culture. Health is thus closely related to the natural environment in which man and animals lives. The relationship between climate and disease is well known. Diseases are related to warm and wet climate. With this climate the industrial pollution is another factor which affects the human body. Industry like cotton textile, synthetic, jute is wide range as air pollution in the industry as well as out of surrounding reason. Such power loom workers are living near around this industry where they work.

**KEYWORDS :**Geographical Analysis , Physical Problems ,Power Loom Workers , human body.

### INTRODUCTION

Power loom industry is an important source of national economy. Solapur city is one of the longest concentration of power loom sectors in the state of Maharashtra. During the 1924 this industry start in this city. In this way this is enacted start in this city. At present 25000 power looms are in working process and more than one employers are ensured directly or indirectly. Workers in this industry receive prolonged exposure to dust and cotton material in the air which is responsible for which incidence of oropharynged concerts the environment in this power loom and surrounding is one of the dirty and filthy. Therefore male as well as female workers in this industry have facing many health problems.

### OBJECTIVES :-

The main objective of the study is to evaluate the spacio-temporary analysis of power looms

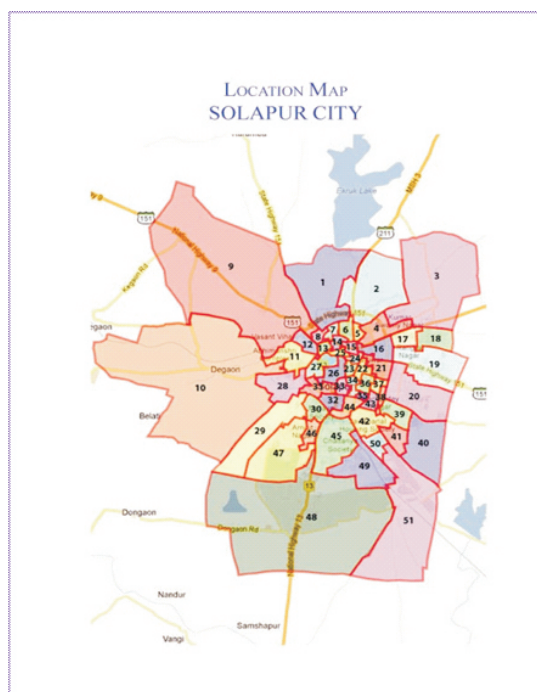
workers and analysis of the health problem relate to power loom workers in solapur city. To study the working conditions of power loom workers in solapur city. To find out the difficulties faced by power loom workers.

### DATABASE & METHODOLOGY :-

Data has been collected through primary and secondary source. Primary data has been collected from working peoples in this industry and sample method. The secondary data were collected from Gazetteers, News paper, socio economic review of solapur district 2010. The collected data was compiled in tubular form to prepare diagrams.

### STUDY AREA :-

Solapur city is one of the metro Politian city in Maharashtra. This city is located  $17^{\circ} 40' N$  latitude and  $75^{\circ} 46' E$  longitude. The total Spherical area of the city is 148.78 Sq. K.M. The study area falls in rain shadow area of Maharashtra plateau. The study area has a fairly good system of road and rail network. Relatively it is situated in the Buima basin the deccan Plateau in the north solapur taluka. The present population is 9.5 lakh. This city is divided in 110 wards by solapur



Map No.1

### ANALYSIS AND DISCUSSION:-

Power loom industry is one of the small scale industry. In India today its manufacturing process has several stages. This is labour oriented industry. It gives a for large bulk of skilled and unskilled workers. This research paper highlights issue of occupational health of workers.

Eastern part of the city has the largest conception of power loom and beedi industry. Most of workers are unemployed and illiterate. They set easy way of earning and wages.

**Health problems:-****Table No. 1**

Sr. No.	Respondents	Back pain		Neck pain		Vision problem		Joint problem		Total	
		M	F	M	F	M	F	M	F	M	F
1		20	9	15	15	64	44	21	12	120	80
2	Percentage %	17	11	13	19	53	55	18	15	100	100

The table no 1 exhibits that the out of 200 respondents 120 respondents are male and 80 are female. Out of this the highest health problem of male is observed 53 percent in vision problem and 17 percent respondents are facing back pain problem. 13 percent workers facing neck pain problem. 18 percent worker face joint problem. Out of 80 female workers 55 percent are affected as a vision problem and 19 percent are neck pain problem. 15 percent observed joint problem and 11 percent are as back pain problem in female workers in this area.

It is observed that vision problem is main problem because power loom processes are associated with raw material cotton, warm climate, sound pollution, dust of cotton etc. Hence more than fifteen percent workers male and female are affected by this health problem.

**Other problems of the Power loom workers:-**

In this regard workers in this solapur city are facing many problem. Lack of employment security, low wages, long hours of works, non payment for overtime wage, lack of stability, besides this factory owner cannot provide canteen, restroom, lunch room. Majority of workers having joint family system. Many workers are addicted alcohol consuming, beedi, tobacco etc.

**CONCLUSION:-**

Cotton textile industry is a small scale industry. In this industry skilled and unskilled workers are working. At the time of work collection of raw material, cutting, weaving, handling many people face the health problems.

**SUGGESTION:-**

Cotton is the main raw material and particles of cotton fly in the air. So it is suggest that new technology should be applied for this industry. It is also suggest that Government Offices treatment provide mask for the cotton textile workers in this industry. Trade union and other NGO should setup workers counselling centre in their office and help them to solve their problems and they should organize special health and wealth problems for these workers.

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