

# **SOCIO-ECONOMIC AND HEALTH STATUS OF WOMEN WORKING IN MATCH INDUSTRIES AT GUDIYATTAM TALUK, VELLORE DISTRICT**

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## **Abstract**

Monetary status is a critical money related and sociological extent of the social and financial circumstance of an individual family. Monetary conditions of the women workers suggest the effect of monetary components on women. The monetary conditions of people show the overall status of the country. India is an agriculture based country, where most people are living in natural locales and achieving rustic work for their business. The assessment domain is similarly generally a cultivating district. Beside rustic activities, people pursue doing coordinate with works, fireworks, printing works, etc. The examination region gives business opportunities to facilitate with women workers reliably. The monetary status of people busy with match work practices isn't encouraging due to the clarification that the workers are economically available and in like manner paid almost low wages. In this affiliation, an undertaking has been made to think about the monetary establishment of the women workers of match organizations in Gudiyattam Taluk of Vellore District.

**Keywords:** Socio-money related conditions, women workers, match undertakings.

## **I. INTRODUCTION**

Monetary status is a critical money related and sociological extent of the social and monetary circumstance of an individual family. Monetary conditions of the women workers suggest the effect of monetary parts on women. The monetary conditions of people show the overall status of the country. India is an agribusiness based country, where most people are living in rural zones and achieving plant work for their occupation. The work may be phenomenal yet it is comparative circumstance of women workers in all easygoing territory practices with low wages, extra working hours, powerless government help workplaces, lacking city accommodations at the workplace and that is only the start. Thusly, low or no unionization which achieves weak wheeling and dealing

power. Poverty obliges them to recognize low wages and stay quiet against barbarities at the workplace. If they talk all the more noisily, they will be dispensed with and in an overall population where there is plentiful work supply, it isn't difficult for the organizations to find elective trained professionals. The guidelines of sexual direction value and affirmation of women's advantages have been the brilliant concerns in the possibility of India. The entire essential change methodology group has certified implications for the normal specialists, the rural and the metropolitan poor and every one of the more so the women of the denied standings. There are two principal explanations as for women entering the work market. According to one explanation kid bearing and raising and local work is the brilliant concern for women and entering the labor force is "waiting

to women's obligation". The elective speculation puts more conspicuous complement on monetary squeezing factors that require women's bringing in cash compensation through work outside the home.

All around, in vulnerable families, women need to partake in wage work paying little regard to childcare and local work. "In a country like India where a significant piece of the general population is under the destitution line, it is typical that colossal degree of common women participate in the labor force as a result of money related squeezing factor". Regardless, destitution isn't the sole explanation, other socio-social factors furthermore sway the marvels of women work.

The monetary progress of a country is assessed dependent on its industrialization. Minimal current region including the town and lodge adventures limits as an astounding instrument for the quick and diversified improvement of a country like India. Match endeavors are of most limit need in the ordinary everyday presence of individuals. The reason for the match business follows right back to the new stone-age (10,000 B.C. to 5,000 years). The Match business has enormous scope assembling and gives work opportunities to the overall population. It accepts a key part in building up the financial development of the overall population. Prosperity matches are very old in India. It was in 1894, the Amrith Match preparing plant at Bilaspur and Gujarat organize plant at Ahmedabad was set with particular assistance from Sweden. For the effective rule of the match business in India and the cost of concentrate commitment, the Government of India classified the distinctive match units under the classes, specifically, A, B, C and D. This classification was made dependent on the strategies for creation. The Match business is a flourishing, set up and got industry. The market for the business is amazing for its prosperous turn of events. Arrangement utilizing a credit has gotten a set up model of the business design. Sweden is the notable and most settled maker of match industry. The critical market zones are Delhi, Gujarat and Rajasthan.

## 2. MATCH INDUSTRY

The reason for the security match industry in India gets back to the beginning of this century.

Around 1910 outcast Japanese families who kicked agreeable Calcutta off making matches with essential hand-made and power-worked machines. Neighborhood people after a short time gained the significant capacities and a couple of little match fabricating plants hopped up in and around Calcutta. The modern offices in Calcutta couldn't equal imports, and carefully assembled match creation moved to Southern India, especially in the Ramanathapuram, Tirunelveli and Vellore spaces of Tamil Nadu State. This move was a result of the leading undertakings of P.Iya Nadar and A.Shanmuga Nadar who went to Calcutta to take in the process from Purna Chandra Ray, a close by cash director, who had taken in the trade Germany. The Nadars set up a couple of manual match creation units in defenseless spaces of Tamil Nadu, where a blend of the dry climate, unobtrusive work and openness of unrefined materials from nearby Kerala made ideal conditions for match creation. Mechanization went to the Indian match industry in 1924 when M/s Wimco, Ltd. started errands in 1924 as a unit of the worldwide Swedish Match Company.

## 3. REVIEW OF LITERATURE

The overview of related composing is a basic piece of the planning of the assessment and the time spent in such a review on and on is a shrewd idea. Its unpretentious goal is to monitor the objective of a subsequent report.

Archana Thulaseedharan and Vinith Kumar Nair (2015) have dissected that fulfillment is considered as the rule factor in moving way of individuals in the affiliations. In this manner, the current association requires part of a work to fulfill their workers since they are the foundations for their unexpected turn of events. The most famous frameworks

used by the relationship in the present circumstance are to hold them all the more productively through realizing their requirements in fitting time.

J. Srinivasan (2015) has accepted that the specialist affirmation expects a significant work in each alliance. Exceptional expert affirmation helps the achievement of the connection. Yet, if a worker has confidence there are dependably openings for specialist disharmony and effects the smooth running of the alliance.

1. R. C. Saravana Kumar and G. Karunanidhi (2016) have investigated that Women are the focal point of the family and acknowledge a crucial occupation in youth the family. Such women face a ton of progress issues. Consequently, this assessment has progressed a discerning undertaking to isolate the issues looked by women working in the firecrackers business.

2. R. Shobana Devi and P. Sundarapandian (2016) have shown that decision of progress emphatically impacts business execution. This positive causal relationship has been set up between different kinds of upgrades embraced by the affiliations and business execution surveyed comparably as monetary and market execution. Matchbox makers showing an affinity to import and present current advances figures further blend of this industry, rather than doomsayers' prepared that the fire, at the earliest opportunity, would be drenched by elective things.

3. K. Jegatheesan, M. Selvakumar and K. Kalaivani (2017) have pondered that unimaginable Quality of Work Life can essentially give a secured and guaranteed about the workplace to the workers. Also Quality of Work Life is viewed as significant in the firecrackers tries.

4. The National Commission on Labor (2017) facilitated a development of studies focused in on the assortment of information on business, compensation, working conditions of manual agents at better places of the nation as proposed by the Labor Bureau. They reviewed examines for Jari Industry at Surat, Matches and fireworks Industry in and around Sivakasi, Agarpathi Industry in Karnataka.

#### 4. SCOPE OF THE STUDY

The current investigation work is a Socio-monetary and prosperity status of women workers of match industry in Gudiyattam Taluk of Vellore District. The assessment is confined to the work of women workers in the match adventures. This investigation furthermore tries to develop models for evaluating the business, pay, utilization, speculation assets and commitment of match industry workers. finally, the examination would similarly endeavor to submit accommodating considerations for

propelling match industry and sensible methodology for match industry workers.

#### 5. STATEMENT OF THE PROBLEM

Overlooking the way that Tamil Nadu economy is considered as an agrarian economy, Tamil Nadu has other than experienced a catalyst urbanization movement. In view of the fast urbanization, work in the non-farm a territory has been getting speedier than the property area paying little regard to unequivocal obstacles and the setback of government sponsorship or rule. The major wellspring of work age is basically the non-farm a region economy including work and self-administering undertaking. The crucial business passing on development in the Gudiyattam Taluk was the match business. The women laborers are familiar with physical, substance and ergonomic dangers. Long working hours, responsiveness to ludicrous warmth, low edification, improper position, stuffed working space, consistent sitting in one position blend accomplishment up like agony in joints, body hurt, insufficiency and other muscle-skeletal issues, achieving blocked veritable unexpected turn of events and improvement, etc A huge part of the women workers are working in these conditions. It is essential to build up their confirmation and make them locked in. In the current situation, the need on "Monetary and Health Status of Women Working in Match Industries at Gudiyattam Taluk, Vellore District" which is seen as significant and charming.

#### 6. OBJECTIVES OF THE STUDY

The following are the important objectives of this study.

Coming up next are the huge objectives of this examination.

1. To examination the monetary characteristics, nature of business and everyday conditions of the women in match adventures;

2. To research the responsibility of per capita pay, utilization, hold supports commitment and its determinants of the women in match ventures; and

3. To examination the prosperity dangers and issues looked by the women in match organizations at Gudiyattam Taluk.

## 7. HYPOTHESES OF THE STUDY

The current assessment attempts to test the going with hypotheses as per the objections referred to already.

1. There is no connection between the volume of venture assets and family pay, informational status, asset regard and the amount of laborers of the match business women workers at Gudiyattam Taluk.
2. The compensation of the match business workers are affected by word related prosperity hazards in the examination domain.

## 8. METHODOLOGY

Arranging a sensible methodology and assurance of consistent devices are huge for a huge examination of any assessment issue. This part is devoted to a portrayal of the way of thinking which consolidates the choice of the assessment domain, data sources, examining plan and size, instruments of examination and assessment of components and test plan.

### Selection of the Study Area

The researcher picked Gudiyattam Taluk, Vellore District in Tamil Nadu as the assessment space of the flow assessment. The town is a match-box gathering and hand-moving toward center. The prosperity matches industry is the second-greatest in Tamil Nadu after Sivakasi. Gudiyatham is nicknamed "The Little Sivakasi" because of its match-box plants. In Gudiyatham taluk, there are 110 match handling plants which were offering work to 12125 individuals including 6559 male and 5566 female. Considering these things an essential concern, the examiner has picked Gudiyattam Taluk as the examination space of the current assessment.

### Sampling Design and Size

To ensure the respondents, the proportionate sporadic testing technique has been used in the current assessment. The current examination relies upon the fundamental data accumulated from an illustration of match industry women

workers from Gudiyattam Taluk, Vellore District. In Gudiyattam taluk, there are around 110 match organizations are working and these ventures structure the universe of the examination. From the universe, 10 match ventures were picked out of 10 match organizations, 100 workers have been picked subject to the top-by and large level from Gudiyattam taluk. The hard and fast amounts of 100 model respondents were picked by using a proportionate unpredictable analyzing strategy.

### Data Collection

As the majority of the model respondents are touch capable and as they don't have even the remotest clue how to fill up the survey, singular gathering methodology was gotten.

### Source of Data

The current assessment is an observational one subject to the examination methodology. first-hand data were accumulated from the field through survey and discernment. The assessment similarly depends upon the discretionary data available on standard course books of related focuses, driving journals and dispersed files, records and reports gave by the Central Excise around there.

### Tools for Analysis

The genuine contraptions help us with surveying the issue of study in a lawful manner. Quantifiable gadgets like clear rate examination and one model t-test were used to look at the monetary and clinical issue of women working in match undertakings..

### Limitations of the Study

This examination covers simply the match business and other non-composed region rejects this assessment. As to data, the respondents keep up no records and need to rely upon their memory; so data were presented to survey tendency. With all of these limitations the theory of the determinations of this examination should be done with most prominent thought. Thusly, the completions of this assessment are decisive rather than objective

### Profile Of The Study Area

Gudiyatham Town lies at 32 Km west of Vellore Town, the District Head Quarters of Vellore District. Gudiyatham Town is a huge

metropolitan spot. Gudiyatham Town is arranged far off of 40 Km from Chittoor which is the District Head Quarters of Chittoor District in the territory of Andra Pradesh. The town had 55,103 families. There were 1,05,133 trained professionals, including 9,700 cultivators, 25,373 essential country laborers, 6,501 in privately-run companies, 40,891 unique workers, 22,668 insignificant subject matter experts, 877 fringe cultivators, 8,949 immaterial cultivating laborers, 1,122 minor workers in family adventures and 11,369 other fringe trained professionals. Privately-run companies like the above have been the establishment of the

overall large number of adventures of this town. The privately-owned company essentially in the field of weaving, collecting of beedies and matchboxes. The Republic of India's first public pennant was woven here.

## 9. DATA ANALYSIS AND INTERPRETATION

This assessment is relied upon to research the monetary profile of the women in match adventures of Gudiyattam Taluk and their prosperity status evaluated in this assessment.

Table 1: *Demographic Variables*

Demographic Variables		Frequency	Percentage
<b>Gender</b>	Female	95	95%
	Male	05	5%
	<b>Total</b>	<b>100</b>	<b>100%</b>
<b>Age</b>	Below 30 Years	20	20%
	31-40 Years	50	50%
	41-50 Years	25	25%
	Above 51 Years	05	05%
	<b>Total</b>	<b>100</b>	<b>100%</b>
<b>Marital Status</b>	Married	80	80%
	Unmarried	20	20%
	<b>Total</b>	<b>100</b>	<b>100%</b>
<b>Educational Qualification</b>	Below 10 <sup>th</sup> Std	72	72%
	Below 12 <sup>th</sup> Std	16	16%
	Graduate	05	05%
	Post Graduate	07	07%
	<b>Total</b>	<b>100</b>	<b>100%</b>
<b>Experience</b>	Below 5 Years	32	32%
	5-10 Years	28	28%
	10-15 Years	30	30%
	Above 15 Years	10	10%
	<b>Total</b>	<b>100</b>	<b>100%</b>

The assessment revealed that 95% of the delegates working in the match organizations at Gudiyattam Taluk are female, half of the specialists are in the age social affair of 31-40 years, 80% of the laborers are hitched, 72% of agents are qualified up to 10th Std and 90% of the laborers have up to and inside 15 years of inclusion.

Table 2: *Source of Savings*

Statements	Frequency	%
Bank	35	35.00
Insurance	22	22.00
Post Office	18	18.00
Self Help Group	13	13.00
Chit Fund/Money lending	10	10.00
Purchase of Assets	2	02.00
<b>Total</b>	<b>100</b>	<b>100.00</b>

It might be seen from table 2 that 35% of the women workers are saving in banks, 30% of the women workers are saving in Insurance Corporation, 15% of the women workers are saving in Post office, 10% of the women workers

Table 4: *Determinants of Debt*

Statements	Frequency	%
Insufficient Income	42	42.00
Family Size	30	30.00
Number of Earning Members	18	18.00
Age in Years	10	10.00
<b>Total</b>	<b>100</b>	<b>100.00</b>

It might be seen from table 4 that 42% of the respondents are obtained due to insufficient pay to meet out the family utilization, 30% of the respondents are gained due to gigantic family size, 18% of the respondents are gained on account of lesser getting their family members and 10% of the respondents are procured in light of the fact that mature enough factors.

Table 5: *Health Status - Occupational Diseases*

Statements	Frequency	%
General Symptoms	31	31.00
Musculoskeletal Problems	21	21.00
Respiratory Problem	18	18.00
Eye Problems	14	14.00
Dermatological Problems	10	10.00
Urinary Complaints	6	6.00
<b>Total</b>	<b>100</b>	<b>100.00</b>

are taking care of money to Self Help Groups, 5% of the women workers are taking care of money to Chit resource and 2% of the women workers are placing cash in to new assets. [

Table 3: *Source of Debt*

Statements	Frequency	%
Employers	35	35.00
Bank / Government	20	20.00
Money Lenders	20	20.00
Co-operatives	15	15.00
Self Help Group	10	10.00
<b>Total</b>	<b>100</b>	<b>100.00</b>

It might be seen from table 3 that 35% of the respondents are obtained cash from their supervisors, 20% of the respondents are procured cash from bank/government plans, 20% of the respondents have gained cash from cash credit subject matter experts, 15% of the respondents have gained cash from co-usable social orders and that 10% of the respondents are procured cash from a personal growth gathering.

It might be seen from table 5 that 31% of the women respondents are affected with general signs, 21% of the women respondents are impacted with the musculoskeletal issue, 18% of the women respondents are impacted with a respiratory issue, 14% of the women respondents are affected with the eye issue, 10% of the women respondents are affected with Dermatological issue and 6% of the women respondents are impacted with Urinary Complaints.

Table 6: Annual Savings by Source – One-Sample t-Test

Statements	N	Mean	Std. Deviation	Std. Error Mean
Bank	100	3.3264	1.22816	.06276
Insurance	100	3.6214	1.17801	.06019
Post Office	100	3.3734	1.28586	.06570
Self Help Group	100	3.2141	1.18282	.06044
Chit Fund	100	3.6240	1.06326	.05433

It might be seen from table 6 that the handled t-regard has shown a significant differentiation concerning the factors learned at 5% level of significance. Hereafter, it may be derived that these parts sway the monetary conditions of the

women in match adventures. It very well may be unraveled that Bank, Insurance, Post Office, Self Help Group and Chit Fund are the main issue that sway the monetary conditions of the women in match adventures.

Table 7: Health Status - Occupational Diseases – One-Sample t-Test

Statements	N	Mean	Std. Deviation	Std. Error Mean
General Symptoms	100	3.7624	0.82719	.04227
Musculoskeletal Problems	100	3.6762	0.97864	.05001
Respiratory Problem	100	3.3055	1.08688	.05554
Eye Problems	100	3.3577	1.05602	.05396
Dermatological Problems	100	3.0966	1.13191	.05784
Urinary Complaints	100	3.4308	1.04094	.05319

5. It might be seen from table 7 that the figured t-regard has shown a significant appear differently in relation to regard to the segments learned at 5% level of significance. Thusly, it may be construed that these segments have a significant relationship with the diseases of women in match organizations. It may be interpreted that General Symptoms, Musculoskeletal Problems, Respiratory Problems, Eye Problems, Dermatological Problems and Urinary Complaints are the fundamental contemplations that impact the illnesses of women in match ventures.

## 10. MAJOR FINDINGS

It is uncovered that 95% of the agents working in the match endeavors at Gudiyattam Taluk are female and half of the delegates are in the age pack 31 years to 40 years, 80% of the delegates are hitched and 72% of laborers are qualified up to 10th Std and breaking point of 90% of the agents have up to and inside 15 years of association.

□ It is found that 35% of the women workers are saving in banks, 30% of the women workers are saving in Insurance Corporation, 15% of the women workers are saving in Post office, 10% of the women workers are taking care of money to Self Help Groups, 5% of the women workers are taking care of money to Chit resource and 2% of the women workers are placing cash in to new assets..

□ It is revealed that 35% of the respondents are obtained cash from their supervisors, 20% of the respondents have gained cash from bank/government plans, 20% of the respondents have procured cash from cash moneylenders, 15% of the respondents have obtained cash from co-employable social orders and that 10% of the respondents are gained cash from a personal development gathering.

□ It is found that 42% of the respondents are obtained due to insufficient pay to meet out the family use, 30% of the respondents are gained due to monstrous family size, 18% of the respondents are gained as a result of lesser getting their family members and 10% of the

respondents are procured on the grounds that mature enough factors.

□ It is found that 31% of the women respondents are affected with general indications, 21% of the women respondents are impacted with the musculoskeletal issue, 18% of the women respondents are impacted with a respiratory issue, 14% of the women respondents are affected with the eye issue, 10% of the women respondents are impacted with Dermatological issue and 6% of the women respondents are impacted with Urinary Complaints.

□ It is found that the factors, for instance, Bank, Insurance, Post Office, Self Help Group and Chit Fund sway the monetary conditions of the women in match undertakings.

□ It is found that the components, for instance, General Symptoms, Musculoskeletal Problems, Respiratory Problems, Eye Problems, Dermatological Problems and Urinary Complaints have a significant relationship with the clinical issue of the women in match organizations.

## 11. SUGGESTIONS

In view of the findings, hardly any thoughts are offered which may help with improving/ensure the help of women workers in match adventures.

1. The match industry workers come to work whenever they find the time and whenever they need cash. Thusly, work is eccentric and questionable. Measures ought to be begun to give unending work to these people.

2. The portion of wages is made the extent that time and piece-rate. The piece-rate pay paid to them are low appeared differently in relation to other equivalent piece-rate works, for instance, saltine workers, etc Thus, attempts may be taken by the experts to request the financial specialists, to raise the piece speed of wages for such things, to ensure reasonable pay for the women workers.

3. Starting personal growth social affairs in the country locales will propel the saving affinity among the match business workers and moreover it will build up their independence from the rat race. Further, it will propel activity attributes and the ability to settle isolated.

4. The low status of women can be rectified by making care about their advantages and commitments and by empowering them in all respects. This care can deal with most of their issues arising out of their obliviousness, negligence and low compensation due to nonattendance of ability.

5. Medical camps and eye camps can be facilitated by the social experts close by supervisors of the match business for the benefit of these workers in country districts.

## 12. CONCLUSION

Match industry workers' improvement should be viewed as an issue in agreeable new development yet furthermore seen as a crucial part in every component of progression. The match business is seen as a basic one in various respects. It gives huge business opportunities to women workers in Gudiyatam Taluk of Vellore region. The current examination is an undertaking to consider the monetary and disease of workers of match industry in Gudiyatam Taluk of Vellore area. The findings of the current examination will be uncommonly important to the women workers and organizations of the match business to improve the idea of the presence of workers in the match business.

## Reference

- [1] Archana Thulaseedharan and Vinith Kumar Nair (2015), "Factors Affecting Job Satisfaction of Women Employees in Match Industries" *Journal of Management Research*, 7(2), 112-118.
- [2] J. Srinivasan (2015), "Employees Morale in fireworks Industry Sivakasi", *Asia Pacific Journal of Marketing and Management*, 4(9), 51-61.
- [3] R.C. Saravana Kumar and G. Karunanidhi (2016), "A Study on Problems Pertaining of Women Labourers in fireworks Industry with Special Reference to Sivakasi" *Global Journal for Research Analysis*, 5(6), pp.166-167.
- [4] R.Shobana Devi and P. Sundarapandian (2016), "Impact of Innovation adoption on Business Performance of Safety Match Industry in Virudhunagar District",

- International journal of Business and Economics Research, 2(1), 111-118.
- [5] K. Jegatheesan, M. Selvakumar and, K. Kalaivani (2017), “Quality of Work Life of Workers in fireworks Industry – A Study with Reference to Tamil Nadu”, International Journal of Science Technology and Management, 6(2), 282-297.
- [6] The National Commission on Labour, GOI (Government of India) (2017), Socio Economic Conditions of Women Workers in Match Industry, Annual Report.