

THE SOCIO- ECONOMIC SURVEY ON “PAPER CUP MANUFACTURING UUNIT- MICRO SMALL & MEDIUM ENTRPRISES”- SPECIAL REFERENCE TO GODABANAHAL VILLAGE

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ABSTRACT

Cup an open usually bowl-shaped drinking vessel, Tea cups and saucer play an important role to enhance the entire **tea feast experience**. Well, in some part of India, tea is served in earthen pots and glassware, but there is no denying the fact that nothing can replace a decent tea set. Tea cups were first imported by the East India Trading Company from China during the time of George IV of United Kingdom. This way, cups made of porcelain and clay began to manufacture in both, China and India. In the year 1750, a man named **Robert Adams** influenced the addition of handles to the cups. He motivated this new design because the traditional ones could sometimes be very clumsy. Paper cups are disposable cups made out of paper and lined with wax / plastic to prevent liquid from soaking the paper. Paper cups are made using food grade paper, which is hygienic and capable of storing both, hot and cold liquid for long times. With the rising awareness and rapidly changing life styles, the demand for paper cups as increase tremendously year on year. In this article a paper cup manufacturing unit in detail. Since the business would achieve turnover in excess of Rs. 66 lakh per annum. It is best to incorporate a company, with the business being registered as a private limited company. It would be easy for the entrepreneur to obtain a Bank loan. Scale –up quickly & have the ability to bring on partners. In addition to company registration, the business would also require GST registration for selling paper cups. Bank provides loans for paper cup manufacturing business under various schemes. A term loan of 10 lakh and a working capital of Rs. 15 lakh would be required for setting up the business. The loan can even be obtained under the ‘**MUDRA**’ loan scheme wherein loan up to Rs.10 lakh is provided by various banks & financial institutions without any collateral.

KEY WORDS: - CUP, PAPER, ECO-FRIENDLY, MESOPOTAMIA, WAX-COATED PAPER, BIODEGRADABLE, COMPOSTABLE.

INTRODUCTION

Chitradurga is a Tehsil / Block (CD) in the Chitradurga District of Karnataka. According to **Census 2011** information the sub-district code of Chitradurga block is **05505**.

Total area of Chitradurga is **1,383** km² including **1,352.38** km² rural area and **30.62** km² urban area. Chitradurga has a population of **4, 23,879** peoples.

There are **90,256** houses in the sub-district. There are about **190** villages in Chitradurga block.

About Godabanahal

According to **Census 2011** information the location code or village code of Godabanahal village is **605609**. Godabanahal village is located in Chitradurga Tehsil of Chitradurga district in Karnataka, India.

It is situated 14km away from Chitradurga, which is both district & sub-district headquarter of Godabanahal village. As per **2009** stats, Godabanahal village is also a gram panchayat.

The total geographical area of village is **1521.1** hectares. Godabanahal has a total population of **2,463** peoples. There are about **544** houses in Godabanahal village. Chitradurga is nearest town to Godabanahal which is approximately 14km away.

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We have been using these since our childhood, but the question is for how long have they been among us?



Let's get a glance at the history of cups and saucers. Tea set has evolved a lot since its origin at 206-220 BC. At first, it was primarily made in China, white and blue colored, with no handle, pretty much like the ones still used in the Middle East. As a matter of fact, it was called 'tea bowls'.

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The history of saucers is recent as compared to its counterpart, as it appeared in the year 1700. At first, it was **the custom to drink the tea** from the tea bowl. Later, a small amount of tea was poured into the saucer to promote rapid cooling.



With time, the size of saucers has changed significantly, now functioning more like a platform to hold the cup in its center.

Though in several parts of the world, a considerable number of people still practice this custom from time to time, presumably as a tradition.

With time, the materials used to make these tea sets evolved a lot. We can find cups and saucers made up of bone china, glass, ceramic, stainless steel, plastic and even wood.

Cups are an improvement on using cupped hands or feet to hold liquids. They have almost certainly been used since before recorded history, and have been found at archaeological sites throughout the world. Prehistoric cups were sometimes fashioned from shells and hollowed out stones.

In ancient Mesopotamia, cups were made for a variety of purposes, possibly including the transportation and drinking of alcoholic beverages.

There is an evidence that the Roman Empire may have spread the use of cups throughout Europe, with notable examples including silver cups in Wales and a color-changing glass cup in ancient Thrace.



In England, cups have been discovered which date back to several thousand years, including the Rillaton Gold Cup, about 3,700 years old.

Cups were used in the Americas several centuries prior to the European arrivals. Around the Gulf of Mexico, Native American societies used the Horse conch for drinking cups, among other purposes.

Now- a- days Plastic disposable cups used for drinking tea, coffee, fruit juice, cola, soft drinks & other beverages are causing a threat to the environment. The alternative eco-friendly materials such as paper cups Mud pots are slowly coming to the market to replace such hazardous plastic materials.

As the consumption of such use and throw cups are on the increase due to **Westernization and Globalization**. There is a serious concern in the societies to replace the plastic with eco friendly paper materials considering this necessity recently there is an immediate requirement of several paper cup manufacturing units

From practical to purposeful, disposable cups come in a myriad of materials, styles, sizes, and colors..

Wax-Coated Paper



Similar to poly-coated paper, wax-coated paper offers extra rigidity and protection from leaks and absorption, as well as an added layer of insulation. These cups are available in a variety of patterns and sizes, and like poly-coated cups, many feature tightly rolled rims for worry-free, leak-proof drinking. Wax-coated paper cups are primarily designed for use with cold beverages, making them ideal when serving sodas, iced tea, lemonade, milkshakes, and more.

Biodegradable - A product that is biodegradable can be naturally broken down by microorganisms, such as bacteria or fungi, and absorbed back into the ecosystem. These products are composed primarily of naturally-occurring constituent parts, and are often considered "**green**" or "**eco-friendly**" products.



Compostable - Items are considered compostable when they can be placed into a composition of decaying biodegradable materials, and eventually turn into a nutrient-rich material. Compostable products decompose and decay at the same rate as paper without releasing harmful toxins, making them a "green" option for your commercial business.



Paper cups are disposable cups made out of paper and lined with wax / plastic to prevent liquid from soaking the paper. Paper cups are made using food grade paper, which is hygienic and capable of storing both, hot and cold liquid for long times. With the rising awareness and rapidly changing life styles, the demand for paper cups as increase tremendously year on year. In this article a paper cup manufacturing unit in detail.



Paper cups for becoming more & more popular across the globe as a way to become more eco-friendly & reduce exposure to food borne infections. Paper cups demand is majority originating from IT companies, educational institutions. Food canteens, industrial canteen, restaurants coffee\tea shop, fast food, super markets, health clubs & events organisation.

As paper cups are products of daily use have mass consumption requirements. Selling of paper cups in the market will not be a problem with well embellished demand & supply forces, the price of paper cups in the market can be easily ascertained & sold in bulk to traders / end customers through a variety of channels.

THE LAKSHADEEPA INDUSTRIES, to establish a paper cup manufacturing Unit, a minimum of Rs 10 Lakh investment is required for purchasing the required equipment and raw materials with an estimated sales turnover of over **66 Lakh**.



Since the business would achieve turnover in excess of Rs. **66 lakh** per annum. It is best to incorporate a company, with the business being registered as a private limited company. It would be easy for the entrepreneur to obtain a **Bank loan**. Scale –up quickly & have the ability to bring on partners. In addition to company registration, the business would also require **GST** registration for selling paper cups.

Bank provides loans for paper cup manufacturing business under various schemes. A term loan of **10 lakh** and a working capital of Rs. **15 lakh** would be required for setting up the business. The loan can even be obtained under the ‘**MUDRA**’ loan scheme wherein loan up to Rs.**10 lakh** is provided by various banks & financial institutions without any collateral.

Land Building

For a paper cups manufacturing business, it requires an area of about **500** square meters with an electricity connection.



Equipment

Automatic machinery for paper cup manufacturing can be purchased from various vendors in India. The cost for automatic paper cup manufacturing machine is Rs.8.5 lakh and duly would be required with cost Rs. 1.5 lakh.



Labor requirement

The labor requirement for setting up of paper cup manufacturing is minimal. It required only 3 persons. It is recommended that there be 1 sale cum production manager, 1 skilled & 1 unskilled worker.



Raw materials

Raw material in the form of printed PE paper, batten reel & packing material would be required for the paper cup business. The total investment in raw material per month would be about Rs. 4 lakh.



Conclusion

The paper cup business set up with an investment of about Rs. 10/- lakh in machinery & Rs. 15/- lakh in working capital would generate an annual turnover of Rs 66/- lakh.

The total cost for production would be about Rs. 57/- lakh there by providing a profit ratio in paper cup business is usually about 14% & the rate of return on total investment by 39%.

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