

# Financial Performance Of Indian Cement Industry With Reference To Select Cement Companies – A study

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**Abstract:** Cement Industry play very significant role in Indian economy. It facilitates the basic infrastructure facility for the development of the country. The companies selected for this study are taken on the basis of their current market share and according to the availability of data. The financial year of this study is from April to March. The data for the study is taken for five years i.e. 2018-19 to 2022-23. Ultratech Cements, JK Cements, Ambuja Cements, ACC and Ramco are selected for this study. The study applied various ratio analysis for the understanding the financial performance of the selected companies. The study highlighted that current ratio, quick ratio and Net Profit ratio is good for ACC when compared to the other companies under study which stated that ACC earns more net profit than other companies and it is more efficient in converting its sales into actual profit. The study found that absolute liquid ratio is good for Ramco when compared with other companies and Ambuja Cements earned more gross profit than other companies and it can make reasonable profit on sales, as long as it keeps overhead costs in control. JK Cements earns more operating profit than other companies and it shows that the company is more efficient in controlling the cost and expenses associated with the business operations, profit generated by the company with the money invested by the shareholders and had more investment made in the business for long term.

**Keywords:** Financial Performance, Ratio Analysis,  
Cement Industries

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## Introduction:

India occupies second place in both production and consumption of cement. India has made a lot of potential for development in the infrastructure and construction sector and cement industry is to largely benefit from it. Cement industry is one of the growing industries of the world and occupies a central place as one of the essential industries for development and for its employment opportunities. Cement is the most consumed material on the planet providing employment opportunities to more than a million people, directly or indirectly. Cement is basic material for all types of construction works and it is widely used in construction from smallest building to largest structures like dams, irrigation works. It is an industry where huge investments are made by both Indian and Foreign investors. It is now trying to achieve global standards in production, safety and efficient use of energy. The scope of this study pertains to financial performance, liquidity and profitability of selected cement industries in India. This study is mainly a comparison of five years final accounts of selected cement companies and it aims to reveal the companies standard in respect to its profitability and liquidity position. This study is mainly useful for investors to know about the financial position and make a wise decision on investment. It is also useful for the government since cement is one of the leading contributors to the country's GDP.

## Review of Literature

**Kumar, M.S.M (2017)** presented the pattern and interrelationship between several aspects relating to capital structure of cement and steel industry in India from 2012- 2013 to 2016-2017. The result showed that there was a significant difference in average debt size between the sampled companies of the cement and steel industry in India. Also there was a significant difference in the average Debts/Equity Ratio of sampled companies in cement industry, but there was no significant difference in the sampled companies in steel industry. **Nanthini (2017)** aimed to analyse the components of capital structure of selected companies for 10 years from 2005 – 2006 to 2014

-2015. Financial tools used in the study include simple percentage analysis, correlation analysis and analysis of variance. Findings of the study showed that there was a positive relationship between correlation analysis and analysis of variance. **Devi, M. and Mugunthan, C (2017)** conducted a study to measure the short term financial feasibility of the sample companies from moneycontrol.com from 2007 to 2016. The study showed that financial position of selected cement companies were satisfactory, but Ultratech cement company must improve their short term solvency positions. **Janjua, AR and Asghar, A et al (2016)** analysed the influence of liquidity managements on the performance of the Pakistani cement Companies. The study had been found in the study that CRR, QUR, and LR/CAR were positively related to profitability. Findings of the study showed profitability ratios are affected by liquidity ratios and there was a positive relationship between them. **Pan, SK and Mal, DP (2016)** studied about the profitability of the selected companies in the Indian cement industry during for the period 2001 to 2010. The study concluded that out of the 12 companies analysed in the study Ambuja cements ranked first in terms of overall profitability.

**Venkateswarlu, P and Reddy, BK (2015)** studied the liquidity management of select cement companies of

Andhra Pradesh and aimed at assessing the management of working capital and its adequacy. The study presented that companies should ensure that the current assets and current liabilities grow at a similar rate because if the growth rate of current liabilities were much more than the growth rate of current assets, in long run it will affect the working capital position of the company adversely ultimately affecting the liquidity position of the companies. **Shukla, Piyush and Sharma, Lochan (2015)** investigated the effects of supply chain management in Indian Cement Industry using a qualitative data collection techniques and logistics management. The study stated that there was a relationship between supply chain integration and supply chain responsiveness. It is also highlighted that the logistics network must improve to the service requirement and profitability of customer segments. **Geetha, T.N and Ramaswamy (2014)** discussed about the financial performance efficiency of selected 17 cement industries in India from 2001-02 to 2012-13. Financial tools used in the study include ratio analysis. Findings of this study showed that there was an improvement in the performance efficiency of the Indian cement industries. **Panigrahi, Ashok Kumar (2013)** emphasized to assess the management of working capital and its adequacy of five Indian cement companies listed in BSE between 2000-2001 and 2009-10. The findings of the study showed that the ideal current and liquid ratio should be maintained and the percentage of inventories in current assets should be as low as possible. **Kumar, P. K and John, S. F (2013)** studied the progress of Indian cements industry since 1991, in terms of its growth in installed capacity, production, exports, and value addition. In order to know the progress of ICI, annual time series data for the six variables were studied for trend, cyclical variation and random variation. **Kartik Chandra Nandi (2012)** aimed to examine and evaluate the overall efficiency of the management of working capital in terms of liquidity trends. The findings showed that adequate amount of working capital was to be maintained so as to maintain a proper amount of liquidity.

#### Statement of Problem:

Financial management is one of the important components of management of a company and it is backbone of any business activities of a company. Efficient financial management of a company will give success for any business activity. Poor liquidity management will give adverse effect on the performance of a company and sometimes may even lead to bankruptcy. Also liquidity management has some relationship with profitability. Hence it is necessary to analyse the liquidity position and profitability of the selected cement companies in India to safeguard the investor's wealth and to boost the growth rate of the country.

#### Objectives:

- ❖ To study and compare the liquidity position of the companies under study
- ❖ To measure the profitability and financial position of the selected companies in the Indian cement industry

#### Methodology

The companies selected for this study are taken on the basis of their current market share and according to the availability of data. The financial year of this study is from April to March. The data for the study is taken for five years i.e. 2018-19 to 2022-23. Ultratech Cements, JK Cements, Ambuja Cements, ACC and Ramco are selected for this study.

#### Analysis and Interpretation

*Table 1 Current Ratio*

	2018-19	2019-20	2020-21	2021-22	2022-23	Mean	SD
<b>Ramco</b>	0.81	1.02	1.07	1.45	1.21	1.112	0.237
<b>ACC</b>	8.26	8.96	9.69	3.76	3.82	6.898	2.881
<b>Ambuja Cements</b>	0.71	0.73	0.74	0.72	0.74	0.728	0.0130
<b>JK Cements</b>	1.65	1.75	1.65	1.34	1.38	1.554	0.1822
<b>Ultratech Cements</b>	0.8	0.76	0.72	0.7	0.82	0.76	0.0509

The table shows the current ratio for five years from 2018-

19 to 2022-23 are calculated and presented. In Ramco, highest current ratio of 1.45 was seen in the year 2021-22 and lowest current ratio of 0.81 was seen in 2018-19. Highest current ratio of 9.69 was observed in the year 2020-21 and lowest current ratio of 3.76 was observed in 2021-22 in ACC . Among Ambuja Cements, Highest current ratio of 0.74 was observed in the year 2020-21 and 2022-23 and lowest current ratio of 0.71 was observed in 2018-2019. In the JK Cements: Highest current ratio of 1.75 was seen in the year 2019-20 and lowest current ratio of 1.34 was seen in 2021-22. In the

Ultratech Cements: Highest current ratio of 0.82 was seen in the year 2022-23 and lowest current ratio of 0.7 was seen in 2021-22. It is understand that in case of average current ratio, among the five cement companies selected for the study highest average of 6.898 was observed in ACC. Highest standard deviation of 2.88 was also observed in ACC and lowest standard deviation of 0.013 was observed in Ambuja cements. Hence from the above table it was understood that current ratio is good for ACC when compared to the other companies under study.

**Table 2 QUICK RATIO**

	2018-19	2019-20	2020-21	2021-22	2022-23	Mean	SD
<b>Ramco</b>	0.51	0.66	0.69	0.95	0.8	0.722	0.164
<b>ACC</b>	8.26	8.96	9.68	3.76	3.59	6.85	2.942
<b>Ambuja Cements</b>	0.43	0.46	0.48	0.48	0.42	0.454	0.027
<b>JK Cements</b>	0.91	0.91	1.02	0.81	0.76	0.882	0.100
<b>Ultratech Cements</b>	0.54	0.54	0.52	0.43	0.52	0.51	0.045

The standard quick ratio is 1:1. The Quick ratio for five years from 2018-19 to 2022-23 are calculated and presented in the table no 2. Among the Ramco, highest Quick ratio of 0.95 was seen in the year 2021-22 and lowest current ratio of 0.51 was seen in 2018-19 noticed on Ramco which indicates about too much on inventory or other assets to pay its short term liabilities. In ACC, highest Quick ratio of 9.68 was observed in the year 2020-21 and lowest current ratio of 3.59 was observed in 2022-23 which mentioned that company can meet its current financial obligations with the available quick funds on hand. Highest Quick ratio of 0.48 was seen in the year 2020-21 and 2021-22 and lowest current ratio of 0.42 was seen in 2022-23 in Ambuja Cements: which stated that that the company relies too much on inventory or other assets to pay its short term liabilities. Among the JK Cements, Highest Quick ratio of 1.02 was seen in the year 2020-21 and lowest current ratio of 0.76 was seen in 2022-23 indicated that the company relies too much on inventory or other assets to pay its short term liabilities. Highest Quick ratio of 0.54 was observed in the year 2018-19 and 2019-20 and lowest current ratio of 0.43 was observed in 2021-22 on Ultratech Cements which noticed that the company relies too much on inventory or other assets to pay its short term liabilities. It is noticed that, among the five cement companies selected for the study highest average Quick ratio of 6.85 was seen in ACC. Highest standard deviation of 2.94 was also seen in ACC and lowest standard deviation of 0.454 was seen in Ambuja cements. Hence from the above table it was understood that quick ratio was good for ACC when compared to the other companies.

**Table 3 Absolute Liquid Ratio**

	2018-19	2019-20	2020-21	2021-22	2022-23	Mean	SD
<b>Ramco</b>	0.63	0.80	1.65	2.23	1.67	1.395	0.667
<b>ACC</b>	0.10	0.08	0.15	0.56	0.12	0.202	0.200
<b>Ambuja Cements</b>	0.06	0.06	0.04	0.03	0.02	0.024	0.016
<b>JK Cements</b>	0.04	0.05	0.04	0.15	0.11	0.080	0.049
<b>Ultratech Cements</b>	0.02	0.23	0.20	0.03	0.04	0.102	0.102

The relationship between the absolute liquid assets and current liabilities is established by this ratio. Absolute Liquid Assets take into account cash in hand, cash at company, and marketable securities or temporary investments. The most favourable and optimum value for this ratio should be 1: 2. It indicates the adequacy of the 50% worth absolute liquid assets to pay the 100% worth current liabilities in time. If the ratio is relatively lower than one, it represents the company's day-to-day cash management in a poor light. If the ratio is considerably more than one, the absolute liquid ratio represents enough funds in the form of cash in order to meet its short-term obligations in time. The current ratio for five years from 2018-19 to 2022-23 are calculated and presented in the above table. It is noticed that highest Absolute liquid ratio of 2.23 was seen in the year 2021-22 and lowest Absolute liquid ratio of 0.63 was seen in 2018-19 from Ramco. From ACC company, the highest Absolute liquid ratio of 0.56 was seen in the year 2021-22 and lowest Absolute liquid ratio of 0.08 was seen in 2019-20. It is noticed from Ambuja Cements, highest Absolute liquid ratio of 0.06 was seen in the year 2019-20 and 2019-20 and lowest Absolute liquid ratio of 0.02 was seen in 2022-23. It is clear that highest Absolute liquid ratio of 0.15 was seen in the year 2021-22 and lowest Absolute liquid ratio of 0.04 was seen in 2020-21 and 2019-20 from JK Cements. It is mentioned that highest Absolute liquid ratio of 0.23 was seen in the year 2019-20 and lowest Absolute liquid ratio of 0.02 was seen in 2018- 19 from Ultratech Cements. It is understand from the table that all the five Cements companies had relatively low Absolute liquid ratio which is the indication that the company's cash management is poor to meet the day-to- day requirements. Among the five cement companies, highest standard deviation of 0.67 was also observed in Ramco and lowest standard deviation of 0.016 was observed in Ambuja cements. Hence from the above table it is understood that absolute liquid ratio is good for Ramco when compared with other companies.

**Table 4 Gross Profit Ratio**

	2018-19	2019-20	2020-21	2021-22	2022-23	Mean	SD
<b>Ramco</b>	5.27	6.69	4.16	4.61	4.1	4.966	1.071
<b>ACC</b>	16.74	22.81	15.35	12.31	11.04	15.650	4.608
<b>Ambuja Cements</b>	18.31	23.06	22.02	12.71	6.97	16.614	6.743
<b>JK Cements</b>	16.00	13.67	10.5	6.49	14.26	12.184	3.752
<b>Ultratech Cements</b>	13.82	15.49	14.04	13.34	13.63	14.064	0.837

The gross profit margin ratio, also known as gross margin, is the ratio of gross margin expressed as a percentage of sales. Gross margin, alone, indicates how much profit a company makes after paying off its Cost. The higher the profit margin, the more efficient a company is. Highest gross profit margin of 6.69% was seen in the year 2019-20 and lowest gross profit margin of 4.1% was seen in 2022-23 for Ramco which indicates that the company is least efficient. It is clear that highest gross profit margin of 22.81% was seen in the year 2019-20 and lowest gross profit margin of 11.04% was seen for ACC in 2022-23. It is noticed that Ambuja Cements had Highest gross profit margin of 23.06% in 2019-20 and lowest gross profit margin of 6.97% was seen in 2022-23 which indicates that Ambuja Cements is the most efficient. It is clear that JK Cements is having highest gross profit margin of 16.00% in 2018-2019 and lowest gross profit margin of 6.49% was seen in 2021-22 which indicates their reduction inefficiency. Ultratech cements had highest gross profit margin of 15.49% in 2019-20 and lowest gross profit margin of 13.34% was seen in 2021-22 which indicates that the company is moderately efficient. It is understood that Gross profit ratio, among the five cement companies selected for the study, the highest average of 16.6140 was observed in Ambuja cements and lowest average of 4.966 was observed in Ramco. Hence from the above table it was understand that Ambuja Cements earned more gross profit than other companies and it can make reasonable profit on sales, as long as it keeps overhead costs in control.

**Table 5 Net Profit Ratio**

	2018-19	2019-20	2020-21	2021-22	2022-23	Mean	SD
<b>Ramco</b>	3.09	6.39	4.8	5.21	4.3	4.758	1.210
<b>ACC</b>	38.57	28.47	32.08	14.31	18.55	26.396	9.905
<b>Ambuja Cements</b>	12.61	16.43	15.52	6.64	3.65	10.970	5.602
<b>JK Cements</b>	14.07	15.88	20.73	6.6	12.96	14.048	5.115
<b>Ultratech Cements</b>	7.49	10.99	9.99	8.78	10.57	9.564	1.426

The net profit margin, also known as net margin, indicates how much net income a company makes with total sales achieved. A higher net profit margin means that a company is more efficient at converting sales into actual profit. Net profit margin analysis is not the same as gross profit margin. Under gross profit, fixed costs are excluded from calculation. With net profit margin ratio all costs are included to find the final benefit of the income of a business. Similar terms used to describe net profit margins include net margin, net profit, net profit ratio, net profit margin percentage, and more. It is noticed that highest net profit margin of 6.39% of Ramco was seen in 2019-220 and lowest net profit margin of 3.09% was seen in 2018-2019 indicates that the Ramco is least efficient at converting its sales into actual profit. ACC's highest net profit margin of 38.57% was seen in 2018-2019 and lowest net profit margin of 14.31% was seen in 2021-22 which indicates that ACC is very efficient at converting its sales into actual profit. Highest net profit margin of 16.43% for Ambuja Cements was noticed in 2019- 20 and lowest net profit margin of 3.65% was seen in 2022-23 which indicates that Ambuja Cements is not very efficient at converting its sales into actual profit. It is noticed that highest net profit margin of 20.73% noticed in 2020-21 for JK Cements and lowest net profit margin of 6.6% was seen in 2021-22 which indicates that JK Cements is not as efficient at converting its sales into actual profit. Ultratech cements' highest net profit margin of 10.99% was seen in 2019-20 and lowest net profit margin of 7.49% was seen in 2018-2019 indicates that Ultratech cements is least efficient at converting its sales into actual profit. It is noticed on Net profit ratio, among the five cement companies, the highest average of 26.396 was observed in ACC and lowest average of 4.7580 was observed in Ramco. Hence from the above table it was understood that ACC earns more net profit than other companies and it is more efficient in converting its sales into actual profit.

**Table 6 Operating Profit Ratio**

	2018-19	2019-20	2020-21	2021-22	2022-23	Mean	SD
<b>Ramco</b>	9.19	11.09	8.71	9.39	8.5	9.376	1.022
<b>ACC</b>	19.06	25.22	16.79	14.4	12.06	17.506	5.043
<b>Ambuja Cements</b>	24.95	29.78	29.45	19.56	15.28	23.804	6.316
<b>JK Cements</b>	25.14	28.08	25.51	20.82	23.6	24.630	2.669
<b>Ultratech Cements</b>	19.74	20.79	19.51	18.29	18.82	19.430	0.951

The operating profit margin ratio indicates how much profit a company makes after paying for variable costs of production. It is also expressed as a percentage of sales and then shows the efficiency of a company in controlling the costs and expenses associated with business operations. Furthermore, it is the return achieved from standard operations and does not include unique or one time transactions. It is noticed that highest operating profit margin for Ramco was 11.09% on 2019-20 and lowest net profit margin of 8.50% was seen in 2022-23 which indicates that Ramco is not stable as it uses both operating and non-operating income to cover its expenses. Highest operating profit margin was 25.22% noticed for ACC on 2019-20 and lowest net profit margin of 12.06% was seen in 2022-23 which indicates that ACC is stable as it uses only operating income to cover its expenses. It is calculated that highest operating profit margin of 29.78% was seen in 2019-20 and lowest net profit margin of 15.28% was seen in 2022-23 which indicates that Ambuja Cements is very stable as it uses only operating income to cover its expenses. It is clear that highest operating profit margin of 28.08% was seen in 2019-20 for JK Cements and lowest net profit margin of 20.82% was seen in 2021-22 which indicates that the JK Cements is making enough money from its ongoing operations to pay for its variable costs as well as its fixed costs. It is highlighted that highest operating profit margin of 20.79% was seen in 2019-20 from Ultratech Cements and lowest net profit margin of 18.29% was seen in 2021-22 indicates that the Ultratech Cements is

stable as it uses only operating income to cover its expenses. It is inferred average Operating profit ratio, among the five cement companies, the highest average of 24.630 was observed in JK cements and lowest average of 9.376 was observed in Ramco. Hence from the above table it was understand that JK Cements earns more operating profit than other companies and it shows that the company is more efficient in controlling the cost and expenses associated with the business operations.

**Table 7 Return on Net Worth**

	2018-19	2019-20	2020-21	2021-22	2022-23	Mean	SD
<b>Ramco</b>	3.09	6.95	6.97	7.19	5.58	5.956	1.724
<b>ACC</b>	6.08	4.55	5.24	4.31	8.71	5.778	1.777
<b>Ambuja Cements</b>	13.7	17.35	18.05	9.16	5.54	12.768	5.364
<b>JK Cements</b>	15.5	17.39	16.6	8.43	16.38	14.888	3.670
<b>Ultratech Cements</b>	9.48	11.03	10.9	10.68	12.54	10.936	1.091

Return on equity (ROE) is the amount of net income returned as a percentage of shareholders' equity. Return on equity (also known as —return on net worthl [RONW]) measures a corporation's profitability by revealing how much profit a company generates with the money shareholders have invested. The highest return on net worth of 7.19% for Ramco was in the year 2021-22. Since then it had been on a declining trend. This showed that the Ramco was not utilizing the investors' funds effectively. The highest return on net worth was 8.71% in 2022-23 for ACC. Since then the return on net worth has decreased and had not shown any significant increase. This showed that ACC should improve their investors return. It is noticed that the highest return on net worth was 18.05% for Ambuja Cements in the year 2020-21. But in spite of the decrease their average was stable which showed that Ambuja Cements utilized the investors' funds effectively. The highest return on net worth was 17.39% for JK Cements in 2019-20 and indicating that the JK Cements utilized the investors' funds most effectively. The highest return on net worth of Ultratech Cements was 12.54% in 2022-23 which stated that Ultratech Cements should improve their investors return. It is noticed that Return on Net worth ratio, among the five cement companies, the highest average of 14.888 was observed in JK Cements and lowest average of 5.7780 was observed in ACC. Hence from the above table it was understand that JK Cements earned more net income than other companies and it revealed the profit generated by the company with the money invested by the shareholders.

**Table 8 Return on Long Term Funds**

	2018-19	2019-20	2020-21	2021-22	2022-23	Mean	SD
<b>Ramco</b>	4.71	7.35	8.55	8.17	7.24	7.204	1.499
<b>ACC</b>	8.8	8.3	6.66	6.38	11.15	8.258	1.919
<b>Ambuja Cements</b>	18.92	22.46	21.27	12.63	8.55	16.766	5.957
<b>JK Cements</b>	17.67	20.2	16.97	9.8	19.87	16.902	4.204
<b>Ultratech Cements</b>	11.84	15.49	15.68	14.62	14.33	14.392	1.535

This ratio establishes the relationship between net profit and the long term funds. The term long —term funds refer to the total investment made in business for long term. It is calculated by dividing Earnings before Interest & Tax (EBIT) by the total long-term funds. Higher the return, better is its performance It is noticed that the highest return on long term funds of 8.55% for Ramco was in the year 2020-21 and lowest of 4.71% was seen in 2018-2019 which indicated that the company was not in a good position to pay back its long term funds. It is clear that the highest return on long term funds of ACC was 11.15% in the year 2022-23 and lowest of 6.38% was found in 2021-22

which indicated that the company was not in a good position to pay back its long term funds. The highest return on long term funds of Ambuja Cements was 22.46% in 2019-20 and lowest of 8.55% was found in 2022-23 which stated that Ambuja Cements Company was in a good position to pay back its long term funds. JK Cements' highest return on long term funds was 20.2% in 2019-20 and lowest of 9.8% was found in 2021-22 which indicated that JK cements was in a very good position to pay back its long term funds Ultratech Cements' highest return on long term funds of 15.68% was in the year 2020-21 and lowest of 11.84% was found in 2018-2019. The average return on long term funds was 14.39% which indicated that the company was in a good position to pay back its long term funds. It is noticed that average Return on Long term funds, among the five cement companies, the highest average of 16.902 was observed in JK Cements and lowest average of 7.204 was observed in Ultratech Cements. Hence from the above table it was understood that Ramco Cements had higher return than other companies and it had more investment made in the business for long term.

#### Findings

- ❖ Among the current ratio analysis, highest standard deviation of 2.88 was also observed in ACC and lowest standard deviation of 0.013 was observed in Ambuja cements. It understood that current ratio is good for ACC when compared to the other companies under study.

- ❖ Among the Quick ratio analysis, highest standard deviation of 2.94 was also seen in ACC and lowest standard deviation of 0.454 was seen in Ambuja cements. It is understood that quick ratio was good for ACC when compared to the other companies.
- ❖ Among the absolute liquid ratio analysis, highest standard deviation of 0.67 was also observed in Ramco and lowest standard deviation of 0.049 was observed in JK cements. It is clear that absolute liquid ratio is good for Ramco when compared with other companies.
- ❖ Among the Gross profit ratio analysis, highest average of 16.6140 was observed in Ambuja cements and lowest average of 4.966 was observed in Ramco. It understand that Ambuja Cements earned more gross profit than other companies and it can make reasonable profit on sales, as long as it keeps overhead costs in control.
- ❖ Among the Net profit ratio analysis, the highest average of 26.396 was observed in ACC and lowest average of 4.7580 was observed in Ramco. It is clear that ACC earns more net profit than other companies and it is more efficient in converting its sales into actual profit.
- ❖ Among the Operating profit ratio analysis, the highest average of 24.630 was observed in JK cements and lowest average of 9.376 was observed in Ramco. It is understand that JK Cements earns more operating profit than other companies and it shows that the company is more efficient in controlling the cost and expenses associated with the business operations.
- ❖ Among Return on Net worth ratio analysis, the highest average of 14.888 was observed in JK Cements and lowest average of 5.7780 was observed in ACC. It was understand that JK Cements earned more net income than other companies and it revealed the profit generated by the company with the money invested by the shareholders.
- ❖ Among the Return on Long term funds analysis, the highest average of 16.902 was observed in JK Cements and lowest average of 7.204 was observed in Ultratech Cements. It is clear that JK Cements had higher return than other companies and it had more investment made in the business for long term.

### Conclusion:

In order to carry on the business successfully, it is mandatory to have a good liquidity and solvency position that is to have good short -term financial position and long - term financial position. It must be noted that a business having good solvency position does not mean that its liquidity position will also be good and vice versa. Government of India has been giving immense boost to various infrastructure projects, housing facilities and road networks, the cement industry in India is currently growing at an enviable pace. In the coming years more growth in the Indian cement industry is expected to come. The Indian Cement industry plays a major role in the growth of the nation. The study highlighted the financial performance of Indian cements companies particularly about the five cement companies such as Ramco, ACC, Ambuja Cements, JK Cements and Ultratech Cements. After considering all the factors, we can still safely conclude that the growth story of cement industry is still not over and it can be expected to pick up in the coming future on various positive signals from market such as rise in construction, picking up of global demand, introduction of fuel efficient technology as well as government initiatives.

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