

Rajpriya

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15	Tools, Techniques and Essential Indicator of the Scientometric Analysis for the Evaluation of Scholarly Communication	Ms. Parul Chavda Dr. Indira Dodiya	63
16	શારીરિક શિક્ષણ અને યોગ	MEHULKUMAR SURESHKUMAR JAYSVAL	69
17	ખેલાડીઓ અને બિનખેલાડીઓના સમાયોજનનો તુલનાત્મક અભ્યાસ	ડૉ. કલ્તિકકુમાર ચંદેશલાઈ જોષી	73
18	A study of Financial Performance of Selected Ceramic Industry of Gujarat with reference to Current ration	MR. BHARAT VANKAR	76
19	A Study on Consumer Perception and Attitude towards Online Grocery Shopping at selected cities of Central Gujarat	Dr. Chanduji P. Thakor	80
20	Financial Analysis of Vardhman Textile Limited on the basis of Net profit Ratio	Ashutosh Mehta Dr. Kapil K. Dave	89
21	સહકારી બેંકિંગ પ્રવૃત્તિ સાથે સકળાયેલા ગ્રાહકોનો આર્થિક-સામાજિક અભ્યાસ (મહેસાણા તાલુકાના સદરભાં)	તૃપાર ડી. ચૌધરી	93
22	A study on Financial Performance of IOC and HPCL Ltd.	Prof Nisarg A. Khamar	97
23	A Study on importance of Foreign direct investment and its Sector wise Inflow in India's Perspective	Prof. Falguni Mohanlal Mesarwal	102
24	An expedition from Customer Relationship Management (CRM) to collective regeneration (CR)	Dr. Kamuben H. Patel Prof. Sujit A. Patel	107
25	TREND ANALYSIS OF HCL ON THE BASE OF FIXED ASSETS	Rajpriya Laxmichand Patel,	111
26	Financial performance of selected co-operative bank with reference to Net profit ratio	Manish Jayantilal Patel	113
27	A study of NIM of selected co-operative banks of North Gujarat	Jangay M. Patel	117
28	WOMEN'S EMPOWERMENT THROUGH SUSTAINABLE MICRO-FINANCE	Prof. Vina. M. Bansal	122
29	A Study of Identity and Racism in <i>Americanah</i> by Chiamamanda Ngozi Adichie	Prof. Vishalkumar G. Parmar Dr. (Prof) Hitesh S Virangami	126
30	આર્થિકક્ષેત્રે સ્ત્રીઓની ભૂમિકા અને પડકારો એક અર્થશાસ્ત્રીય અભ્યાસ	ડૉ. ચંદ્રકાંત એ. પટેલ	130

## TREND ANALYSIS OF HCL ON THE BASE OF FIXED ASSETS

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Analysis of financial statements of a company for one year or for a short period would not truly reflect the nature of its operations. For this it is essential that the analysis should cover reasonably longer period. The analysis so made for quite a long period is termed a trend analysis. Trend analysis studies the percentage relationship that each item of the financial statement bears to the same item in the base year. Trend analysis can take the form of year-to-year comparison, though the use of index number, trend series and trend ratio. Trend analysis is a very useful analytical device for year wise computation of changes taken place.

A trend Analysis is an important tool of interpretative analysis of the financial position of a company. Trend analysis studies the percentage relationship that each item of the financial statement bears to the same item in the base year. Trend analysis can take the form of year-to-year comparison, though the use of index number, trend series and trend ratio. For the present research study, Index has been applied.

In order to calculate a series of index numbers, a base year has to be chosen. In the base year, all items are an index of 100. In choosing the base year one should keep in mind that a normal year, in which abnormal events have not taken place, is to be chosen, if there is no year which qualifies to be the base, for whatever reason, than an "Average Concept" can be employed. Index numbers of an item for different years are calculated with reference to the base year. If the value of the item to a year is less than that is the base year, the trend percent will be below 100 and if the amount is more than base amount, the trend percentage will be above 100.

"Trend analysis is useful only when relevant and related items are studied together. Thus, the results which are presented in a company have to be viewed to conjunction with the resources employed. For instance, sales trend has to be studied along with trade debtors, inventory and even fixed assets, because it would be unhealthy growth if a declined trend in sales is accompanied to be an upward trend in inventories and trade debts especially if financed by borrowed funds".

### Objective

The research study is undertaken with the following objectives:

- To analyse the financial performance of the companies with the help of its Fixed Assets Trend in HCL.
- To put forward suggestions in order to make financial performance better and the best of the Fixed trend Analysis in HCL.

### Hypothesis

In the present study, there are two hypotheses - Null hypothesis (H<sub>0</sub>) and Alternative hypothesis (H<sub>1</sub>) and they have been tested with the help of Chi-Square - test.

H<sub>0</sub>: There is no significant different between actual Fixed Assets and computed Fixed Assets in the HCL the under the study.

H<sub>1</sub>: There is significant different between actual Fixed Assets and computed Fixed Assets in the HCL the under the study.

### Data Collection and Period of the Study:

The present research study is mainly based on secondary data, as for the present research study published annual reports and accounts are required. The necessary data and information for the present research study have been obtained from annual reports, relevant books, magazines, newspapers, official papers, websites and financial statements.

The financial performance appraisal study has been undertaken for a period of ten years from 2010-11 to 2019-20.

**Trend Analysis in Fixed Assets**

The trend analysis of Fixed Assets is a guide to follow the changes that are occurring in the business from period to period. With the help of analysis of sales, one can study about the development of a business concerned. Generally, it is suggested that for proper trend analysis, the trend should be studied at least over a period of Ten years or more. Last Ten-year information are below table:

Trend Analysis of Fixed Assets in HCL

Year	Fixed Assets	Trend
2010-11	21.18	100.00
2011-12	41.86	197.64
2012-13	32.85	155.10
2013-14	26.51	125.17
2014-15	27.38	129.27
2015-16	26.83	126.68
2016-17	18.41	86.92
2017-18	19.85	93.72
2018-19	26.58	125.50
2019-20	34.63	163.50

As above table:

In Trend Analysis of Fixed Assets in HCL indicated the mixed trend during the period 2010-11 to 2019-20. Year 2010-11 was the base year. It was the 100 and then after 2011-12 increased its 197.64 %, decline in 2012-13 its 155.10 %, decline in 2013-14 it's 125.17, incline in 2014-15 it's 129.27 %, decline in 2016-17 it's 86.92 %, incline in 2017-18 it's 93.72 %, incline in 2018-19 it's 125.50%, incline in 2019-20 it's 163.50. It was highest in 197.64 % in 2011-12 and lowest 86.92 % in 2016-17 during the study period 2010-11 to 2019-2020.

Test the hypotheses, the calculation value of the actual table is more than the actual value of Chi-square during the study period. So, H<sub>0</sub> is accepted. There is no significant different between actual Fixed Assets and computed Fixed Assets in the HCL, the under the study.

**Conclusion:**

In Trend Analysis of Fixed Assets in HCL indicated the mixed trend during the study period 2010-11 to 2019-20. It was highest in 197.64 % in 2011-12 and lowest 86.92 % in 2016-17 during the study period 2010-11 to 2019-2020. Test the hypotheses, the calculation value of the actual table is more than the actual value of Chi-square during the study period. So, H<sub>0</sub> is accepted.