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Sectoral Analysis Of Key Sectors Of Indian Markets Using Discounted Cashflow Valuations

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ABSTRACT

This study looks into the use and application of the discounted cash flow (DCF) method for valuing firms across various industries. When valuing a company using the DCF method, future cash flows are predicted and a risk-adjusted discount rate is applied to estimate intrinsic value. However, the effectiveness of this method is highly dependent on the industry in question. The study analyzes DCF valuations and market price comparisons across sectors including Banking and Financial Services, Healthcare and Pharmaceuticals, Information Technology, Fast-Moving Consumer Goods (FMCGs), and Automobiles. It is also worth mentioning that Healthcare and especially the IT industry are sectors with stable revenues and, thus, more predictable cash flows. In contrast, the FMCG and Automobile industries contain more intangible assets and exhibit more volatile cash flows on a cyclical basis. The Financial Services industry also has cash flow volatility due to direct dependence on regulatory and economic cycles. The primary conclusion of such studies published is that while DCF can capture value, the precision with which they do so is industry specific and in certain industries, a multi-model approach including other models will be necessary to capture the value of the firm.

KEYWORDS: Discounted Cash Flow (DCF), Intrinsic Valuation, Sectoral Analysis, Valuation Accuracy, Sensitivity Analysis

INTRODUCTION

The DCF method established itself in the world of finance as the first analytic approach to valuing companies, investments, and projects. The basic concept involves determining an asset's worth based on projected cash flows and discounting these future cash flows at an appropriate risk-adjusted rate. Discounted Cash Flow analysis also captures the time value of money. DCF analysis became more popular in finance literature after the work of Michel and Shaked in 1985, followed by Steiger in 2010. Since then, the DCF methodology has been ubiquitous and allows for valuing companies in mergers and acquisitions, stock pricing, cash flows on infrastructure assets, and real estate. Its emphasis on actual anticipated cash flows minimizes theoretical risk, and makes valuation more precise in absolute terms (Begović, Momčilović & Jovin, 2013; Silva, 2023).

There are critics of DCF and its theory. These mostly come from misplaced assumptions. Estimations of future cash flows, selection of discount rates, and terminal value calculations affect valuation accuracy. Outputs can be major and wildly inaccurate due to errors in even the most minor of inputs (Steiger, 2010; Huang et al., 2023). Both academia and practice underline the focus on forecasting discount rates, the calibration of sector risk-adjusted discount rates, and scenario analysis description. More recent studies even recommend advanced

forecasting methods, such as machine learning (Karatas, Klinkert & Hirsa, 2021).

Differing industries also have different applications of DCF. In some industries like real estate, capitalization rates even substitute for point-of-fact growth assumptions to produce more authentic results (Bayfield, 2025). In mergers and acquisitions, the models tend to be calibrated for synergies, incremental revenues, or breakup multiples (Gélinas, 2025). Nevertheless, high intangible assets or high cyclicality-based industries are found to expose the limitations of the DCF approach with the necessity for adjustments or additional valuation methods.

This article synthesizes scholarly studies with practical illustrations to critically assess the merits and demerits of DCF valuation. By examining sectoral uses, it attempts to discern where DCF yields sound insights and where other methods might be more appropriate to meet the challenges of today's financial decision-making.

LITERATURE REVIEW

Discounted cash flow (DCF) model remains unmatched in modern theory of valuation, premised on time value of money and interplay of future free cash flows, discount rates, and terminal value. Damodaran (2006) declares DCF is the core technique of intrinsic valuation wherein small changes in terminal growth or in discount rates

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manifest in drastic value changes. Fernández (2002) goes further to classify that DCF is the only conceptually correct valuation model if deployed with accurate and consistent forecast, with Silva (2023) reasserting its validity in case of strict adherence to theoretical discipline in estimation of discount rates and cash flows. Jennergren (1998) illustrates the mechanics of DCF in tedious detail, illustrating how forecast accounts are calculated from past ratios to estimate free cash flows discounted using weighted average cost of capital (WACC) measure. Steiger (2008) shows that perpetuity value is usually more than half of the company's entire value, highly sensitive to assumption variations. To this, Einstein (2025) mathematically describes the DCF model for application in equity valuation in using forecasted free cash flow to equity (FCFE), discounting using cost of equity, and extrapolating terminal value using the Gordon Growth Model.

Historically and pedagogically, the evolution of DCF reflects a shift from conceptual theory to widespread practice. Parker (1968) provides one of the earliest systematic accounts of DCF history, tracing discounting from early compound-interest principles to its emergence in corporate finance in the 1950s. Keef and Roush (2001) examine how NPV and IRR are taught in finance texts and reveal a widespread misstatement of the "reinvestment assumption," arguing that conflicts between NPV and IRR rankings stem from project scale differences rather than reinvestment rates. These studies reinforce that pedagogical clarity is vital understanding DCF's theoretical consistency and practical teaching. Empirical research comparing DCF to the price-earnings (P/E) multiple reveals mixed results. Berkman, Bradbury, and Ferguson (2000) show that the two models produce equally accurate IPO prices on the New Zealand Stock Exchange, with median absolute errors of about 20 percent. Demirakos, Strong, and Walker (2010) can confirm that P/E multiples offer lower prediction errors for established companies, while DCF offers lower errors for riskier or less similar companies. Sayed (2017) analyzes seven emerging Asian markets and concludes that analysts tend to use the simpler P/E model due to limited data, though DCF precision is on par. Rainsy Sam (2025) adds to that by comparing Gordon Growth Model and Potential Payback Period to DCF and concludes that, though DCF remains dominant, other payback-based models can be instrumental in improved interpretability. Refinements in capital structure theory and discount rates add to the analytical equivalence of DCF. Inselbag and Kaufold (1997) compare the WACC and APV methods and arrive at the conclusion that both yield equivalent results under equal assumptions of leverage. An extension covering four DCF frameworks APV, CCF, CFE, and FCF arrives at equivalence when debt rebalancing policies are applied consistently. Vlaović Begović, Momčilović, and Jovin (2013) contrast FCFE and FCFF valuations, which illustrate the potential of FCFE to reflect changing financing conditions versus the convenience but potentially misleading nature of FCFF in constant debt assumptions. Jennergren (2006)

addresses the ongoing-value component of DCF, focusing on appropriate treatment of capital expenditures and equipment life, and Steiger (2008) reinforces this with empirical sensitivity analysis on terminal value estimation.

DCF relies on its context flexibility that is detectable across sectors and company types. De Heer and Koller (2000) apply DCF to cyclical sectors such as airlines and chemicals, introducing probabilistic scenarios in order to deal with cyclical fluctuations in earnings. Haertler and Seeber (2020) subject the standard DCF to high-growth firms and suggest flexible three-stage projections and Monte Carlo simulations to adapt to fluctuating inputs. Tan (2017) shows that calibrated DCF appraisals of Walmart are strongly correlated with real market prices when the assumptions are realistic. Bonazzi and Iotti (2016) use a particular DCF technique on building refurbishments, integrating energy savings, tax benefits, and terminal value to estimate feasibility. Gomes, Jorge, and Pereira (2025) use DCF for private Portuguese SMEs by comparing the adjusted CAPM, the AECA threecomponent model, and Ibbotson's build-up method to arrive at an estimate of cost of equity in trading-historylacking firms.

Researchers have also been interested in augmenting the ability of DCF to handle uncertainty and behavioral bias. Ruback (2011) demonstrates that ignoring lowprobability negative events causes optimistic bias and suggests differential adjustments for temporary and permanent shocks. Huang, Tan, Wang, and Yu (2023) note that analysts resort more to DCF when there is uncertainty and that the market responds more strongly to target changes made on DCF when assumptions are transparent. Karatas, Klinkert, and Hirsa (2021) combine machine learning with DCF estimation of private-equity fund cash flows and demonstrate that LSTM and GRU models improve upon deterministic methods. Such advantage factors locate DCF in an uncertain, real life fact-based world where credibility is augmented by transparency and scenario analysis.

Another addition to DCF is taking into account the Synergy and Ownership structures. Assessing probabilistic ownership and DCF-Synergies and DCF-Segmented models considering if new owners would generate positive cash flow and/or reduce risk is documented in Gélinas (2025). Applying this to Velan Inc. shows that segmenting areas based on the impact of different owners can enha (2025) on synergy in SME valuations and produces comparable results. This is a remarkable development in DCF scholarship, as it shifts the framework from static ownership to dynamic, strategic models that closely replicate M&A activity in practice, unlike the traditional strategic frameworks that dominate the literature. Most sources show consistency in their narrative. From the historical account Parker (1968) provided to the more theoretical Damodaran (2006) and to the more recent work of Gélinas (2025), assuming the conditions of openness, uniformity in financing, and confirmation of observation, the DCF technique is the most valuable method to approximate intrinsic worth.

Versatility in sources is valuable as long as the information is accurate. A rational ending value, the estimation of the risk the value is to be downgraded, the risk statistical tests, blended with the other approaches, and new methods all provide strength. Future avenues of research should be DCF models based on synergy and machine learning, formal codification of the model input disclosure, and empirical research on asset economic lifecycle data to estimate the terminal value and strengthen the model's theory and practical value.

RESEARCH GAP

India lacks empirical studies examining and contrasting the reliability assessments and across industries with varying revenues, assets, and risks. Most studies highlight the sensitivity concerning assumed discount and growth rates, but the unequal and disproportionate divergence of these parameters across various industries, such as banking, FMCG, IT, automobiles, and healthcare, has largely been overlooked. Failure to consider how the various industries can influence a study while evaluating the context of DCF applicability is a major gap. Bridging this gap would enhance the understanding of the DCF precision used in different industries.

RESEARCH HYPOTHESIS

This study sets out to check if DCF valuations really differ a lot from one industry sector to another. The research does that by testing the null hypothesis, H_0 . That hypothesis says no statistically significant differences exist in the accuracy of those DCF-based valuations across Indian sectors. In the end, evaluating this helps figure out whether the DCF approach delivers consistent results no matter the industry or if certain factors tied to specific sectors end up affecting how reliable it is.

RESEARCH METHODOLOGY

The study used the discounted cash flow method. We picked the Free Cash Flow to Equity approach over Free Cash Flow to the Firm, on purpose. FCFE lines up better with valuing equity, since it directly represents cash flows just for shareholders. Unlike FCFF which requires estimating WACC, or tax shields and net debt,

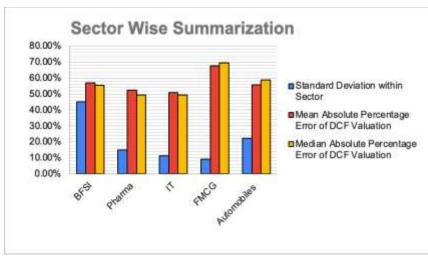
introducing additional uncertainty, FCFE involves fewer assumptions. FCFE uses way fewer variables, and it sticks closer to what market prices actually show for equity value. Plus, there's justification from older research papers like Damodaran back in 2006 that said that FCFE works great for equity-focused work. Then, Begovic and others in 2013, along with Jennergren in 2011, all pushed it as better for research that's all about shareholders. So, they projected FCFE out over several years. Discounted it using the cost of equity to get those intrinsic equity values. Compared them to real market prices after that. To check how accurate the valuations were, they set up the Error Measurement Framework which used these 3 matrices, Mean Absolute Percentage Error for the average deviation, Median APE to reduce outliers impact, and Standard Deviation to gauge error volatility. Finally, a one-way ANOVA test was conducted to statistically examine whether the valuation accuracy differed significantly across the five sectors analyzed.

DATA ANALYSIS

The sector-wide aggregated result is that valuations by DCF yield comparable performance qualities with mean Mean Absolute Percentage Error (APE) averaging 56.79% and mean Median APE averaging 56.51% across observed five sectors (see Fig. 1.0). With standard deviation averaging 20.66%, reflecting moderated variability in changeability in precision estimation, it thus becomes clear that sector variability in prediction error is moderated and controllable (see Fig. 1.0). The coefficient of variation of Mean APE demonstrates 10.4%, which indicates controllably moderated variability disparity across sectors (see Fig. 1.1). The whole dataset estimation demonstrates that precision variability in DCF ranges from 50.81% to 67.65% Mean APE across sectors and exhibits variability range breadth of 16.84 percentage points or 29.7% deviation from mean level of functionality (see Fig. 1.1). Though such variability is respectable per se, it falls in predictable statistical boundaries for financial purposes in models and demonstrates that DCF indicates acceptable uniformity across highly diversified segments despite highly differential fundamental business models.



DCF Accuracy Analysis - Fig 1.0



Sector Wise Summarization - Fig 1.1

Statistical test finds all industries are in the $57\% \pm 12\%$ performance bracket, i.e., sector-related traits influence the validity of measures by DCF to some degree, but their approach maintains baseline levels of reliability across diversified conditions across industries.

Information Technology sector exhibits the best DCF performance with 50.81% Mean APE and 49.30% Median APE, which is a 6.0% better performance than the sectoral average (see Table 1.0; Fig. 1.0 and Fig. 1.1). The consistency score of 11.44% standard deviation for the sector indicates highly predictable DCF results and it

is the most consistent sector suitable for use with DCF (see Fig. 1.2). This best performance is due to predictable revenue streams, high margins, and consistent cash flows that closely meet assumptions in DCF models (see Table 1.0). Intrinsic revenue models of technology industries with relatively low capital intensity whose measures how they actually perform are quantifiable make it appropriate to forecast cash flow. There are particular revenue growth models of expansion, margin expansion models, and technology industries business models whose patterns are described exactly by revenue models of DCF.

Севрину	FCFE 1 (in Ba)	FCFE 2 (in Bn)	FCFE 3 (in Bo)	FCFE 4 (in Ba)	FCFE 5 (in Bn)	Discounting Factor	Equity Value	No. of Shares	Target Price	Share Price	Price Variation
Infosys Limited	285	308	333	356	373	10.58%	3.407	4,10B	819.65	1469.00	44.205
Tata Consultancy Services Limited	518	559	604	645	673	19.58%	6.10T	3.608	1694.95	3083.80	45.045
Wipro Limited	107	116	122	131	138	10.58%	1307	10.508	121.36	249.30	51.329
HCL Technologies Limited	189	211	227	243	254	10.58%	2301	2,708	851.89	1453.70	41,409
Tech Mahindra Limited	65	80	91	97	101	10.58%	908.508	979.20M	927.14	1486.00	37.579
Mphasis Ltd.	21	23	26	28	30	10.50%	0.291	0.19B	1537.41	2788.00	44.861
Coforge Ltd.	21	24	28	31	32	10.59%	0.271	0.33B	807.54	1724.30	53.179
KPIT Technologies Ltd.	10	12	14	16	17	10.56%	0.16T	0.27B	603.65	1190.70	49.305
Persistent Systems Ltd.	20	25	29	32	35	10.60%	322.20B	155.50M	2072.48	5305.50	60.945
Larsen & Toubro-Infotech (LTI)	188	225	261	292	315	9.79%	31	1.48	2211.00	5134.00	56,935
Mindree Ltd.	39	46	53	55	64	10.58%	570.9B	296.4M	1926.23	3434.00	43,915
Oracle Financial Services Software Ltd.	25	28	30	33	34	10.58%	310.3B	86.9M	3570.43	8293.50	56.95%
Birlasoft Ltd.	3	5	6	- 6	7	10.58%	61.98	277.9M	222.6	368.10	39,535
Happiest Minds Technologies Ltd.	0	-1	1	4	2	10.58%	13.78	150.2M	91,43	565.05	83,829
Zensar Technologies Ltd.		6	7	- 1	9	10.58%	81.78	227.2M	359,61	768.10	53.189

Information Technology - Table 1.0

Healthcare & Pharmaceuticals sector exhibits 52.43% Mean APE and 49.43% Median APE and hence leads by 4.4% on average performances (see Table 1.1; Fig. 1.0 and Fig. 1.1). With standard deviation of 14.93%, sector exhibits good uniformity in accounting inherent uncertainties arising out of patent risks and regulatory approbations (see Fig. 1.2). Sector's moderate precision

mature sector firms.

for DCF is due to balanced predictable revenue from matured drugs and binary event-driven revenue from drug developmental pipeline (see Table 1.1). Long time lags and regulatory agency approval result in controlled volatility amenable to good estimates in DCF. Despite patent cliff risks and regulatory reforms inducing volatility, intrinsic nature and cyclical revenue patterns in the sector permit predictable estimation of cash flows by

Company	FCFE I (in Bn)	FCFE 2 (in Ba)	FCFE 3 (in Bu)	FCFE 4 (in Ba)	FCFE 5 (in Bu)	Discounting Factor	Equity Value	No. of Shares	Target Price	Share Price	Price Variation
Sus Pharmacoutical Industries Limited	124	140	154	165	371	10.48%	1.901	2.40B	774.51	1994.05	51.41%
Dr. Reddy's Laboratories Limited	54	47	54	51	61	10.67%	617,208	832.40M	741.47	1263.00	41.29%
Cipla Limited	52	34	59	63	. 66	10.47%	726,908	807,80M	899.82	1589.40	43.39%
Lupin Limited	49	- 43	48		-51	10.35%	483.308	456,80M	1658.13	1994.90	44.16%
Apollo Hospitals Enterprise Limited	15	20	26	30	32	19,17%	294.68	143.8M	2049.02	7610.00	73,07%
Aurobindo Pharma Ltd.	39	45	48	51	53	10.45%	0.491	0.58B	846.74	1027.70	17.61%
Biocon Ltd.	18	26	32	35	38	10.36%	0.20T	1.30B	151.19	348.35	56,60%
Glemark Pharmoconticuls Ltd.	19	23	29	33	33	10.45%	0.301	0.288	1059.46	1924.00	44.93%
Zydus Lifesciences Ltd.	31	45	89	51	32	10.36%	0.54T	1.00B	534,42	981.05	45.53%
Torrent Pharmaceuticals Ltd.	33	38	43	47	49	10.49%	0.43T	0.34B	1284.74	3559.80	63.91%
Alken Laboratories Ltd.	23	26	29	30	32	10.49%	0.34T	6.12B	2823.99	5303.50	46.75%
Divi's Laboratories Ltd.	28	35	42	47	. 51	11.24%	0.46T	0.27B	1719.48	6132.00	71.96%
Natos Pharma Ltd.	14	8	4		4	10.41%	0.08T	0.18B	435.88	862.00	49,43%
Abbott India Ltd.	14	16	18	19	20	10.45%	0.191	0.02B	8761.03	31620.00	72.29%
Pfizer Ltd. (India)		,				10.45%	0.087	0.05B	1849.17	5156.00	64.14%

Healthcare & Pharmaceuticals - Table 1.1

Automobile Industry has Mean APE of 55.94% and Median APE of 58.73% and diverges slightly below sectoral average by 0.8% (see Table 1.2; Fig. 1.0 and Fig. 1.1). A standard deviation value of 22.38% implies moderate level of consistency reflecting need for cyclical nature and capital intensity of business (see Fig. 1.2). Through the process of DCF, the sector's performance implies high variability with sensitivity to shift in movement of cyclical economy shift, change in prices of

commodity, and operating level of efficiency by segments in the economy (see Table 1.2). Car makers face increasing complexity as they gradually transition from conventionally powered car models to all-electric models by shifting customer demand and change in emission standards regulation. With such complexities, the car industry maintains adequate precision levels by DCF if models include cyclical movement and adaptive strategic developments.

Company	FCFE 1 (in Bn)	FCFE 2 (in Ba)	FCFE 3 (in Bn)	FCFE 4 (in Bn)	FCFE 5 (in Bn)	Discounting Factor	Equity Value	No. of Shares	Target Price	Share Price	Price Variation
Tata Motors Ltd.	271	312	338	349	354	10.95%	3.11	3.7B	839,04	669.50	25.32%
Mohindra & Mahindra Ltd.	24	31	35	44	30	10.95%	453.28	1.2B	377.74	3200.00	88.20%
Meruti Suzuki India Ltd.	130	. 138	143	186	223	10.95%	1.91	314.4M	6103.56	14790.00	58.73%
Bajaj Auto Ltd.	69	78	84	95	300	10,95%	894.18	279.2M	3202.34	8632.00	62,90%
Hero MotoCrop Ltd.	43	47	49	52	54	10.95%	478.4B	200M	2391.77	\$109.50	53.19%
Ashok Leyland Ltd.	39	43	48	52	55	10,58%	498.98	5.98	84,94	126.98	33.11%
Eicher Motors Ltd. (Royal Enfield)	38	43	47	3)	. 54	10.94%	664.38	274.3M	2422.04	6103.00	60.31%
TVS Meter Company Ltd.	11	15	19	22	13	10.95%	209.48	474.6M	441.21	3276.60	86,535
Escerts Kubota Ltd.	10	- 11	13	. 13	16	10.61%	209.68	110M	1905.59	3567.80	46.59%
Force Motors Ltd.				1 3	5	10,58%	788	13.2M	-5920.41	19477.00	69.60%
SML Isuzu Ltd.	0	0				10.58%	138	14.5M	897,09	4197.40	78,63%
Schueffler India Ltd	10	12	14	15	- 13	10.58%	148.28	156.3M	947.95	3867.40	75.495
Exide Industries Ltd.	13	14	16	17	18	19.50%	161.68	K50M	190.06	396,25	52,04%
MRF Ltd.	26	30	35	37	36	10,62%	380.18	4.2M	89657.80	140955.00	36,39%
Apollo Tyres Ltd.	21	25	27	21	25	10.50%	258.68	635.1M	407.20	462.95	12.04%

Automobiles - Table 1.2

Banking & Financial Services registers 57.11% Mean APE and 55.49% Median APE with only 0.3% over sectoral average but highest volatility registering 45.26% standard deviation (see Table 1.3; Fig. 1.0 and Fig. 1.1). Volatility excess is a consequence of the sector's distinct nature such as capital adequacy standards, regulatory interventions, and exposure to credit risks whose nature generates grave difficulty in DCF forecast (see Fig. 1.2).

Financial institutions' interest rate sensitivity, business cycles, and regulatory policy change render uncertain future cash flows highly changeable upon assumption change (see Table 1.3). Highly advanced calculation by sector's risk-adjusted returns and regulatory capital requirements build sophisticated tailoring by use of DCF models resulting in variability in bank business models by various performances.

Company	FCFE I (in Bo)	PCFE 2 (in Ba)	FCFE 3 (in Bis)	FCFE 4 (in Bo)	FCFE 5 (in Bu)	Discounting Factor	Equity Value	No. of Shares	Target Price	Share Price	Price Variation
HDFC Bank Ltd.	675	912	527	613	681	9,54%	7.401	7,708	966.63	953,45	1.605
ICICI Bank Ltd.	372	628	671	813	926	9.34%	9,107	7.100	1274.86	1396,00	8,815
State Bank of India	723	807	922	1020	1993	9,54%	11.00T	9.208	1187.01	860,35	47,949
Kotak Maleisdes Bank	222	263	306	365	412	9.56%	4.191	2,008	3949,70	3960.00	4.583
Bujig Finance	-35	-4	42	106	183	10.04%	1,801	6.208	289.25	877.80	6T.053
Axis Bank Ltd.	249	336	383	464	323	9,54%	5,201	3.108	1673.07	1045.55	60,025
Industric Bank Ltd.	38	33		. 78		9.54%	0.841	0.788	1079.08	739.90	45,849
Bandhan Bank Ltd.	28	31	43	49		9,54%	0.531	1.608	328.97	161.85	103.195
HIPC Fire Back Ltd.	26	-41	59	70	90	9.34%	0.781	7,300	103.73	68.00	35,491
Punjab National Bank	160	175	192	212	221	9,54%	2.301	11.500	199.17	100.88	97.435
Bank of Baroda	182	201	233	201	282	9.56%	2,801	5.208	546.44	262.15	108.455
Federal Bank Ltd.	40	31	- 61	74		9,56%	0.821	2,508	335.37	191,71	74.959
Canara Bank	173	195	210	225	237	9.54%	2.407	9.108	264.86	103.83	155,099
Yes Basik Ltd.	31	- 46	56	65	. 72	9.54%	0.711	31.408	22.59	20.33	31(32)
LIC Housing Finance Ltd.	12	3.14	17	22	- 27	10.04%	0.267	0.558	421.55	555.20	15,075

Banking & Financial Services - Table 1.3

Fast-Moving Consumer Goods sector offers 67.65% Mean APE and 69.61% Median APE with lower

precision performance by 10.9% above sectoral average (see Table 1.4; Fig. 1.0 and Fig. 1.1). Nonetheless the

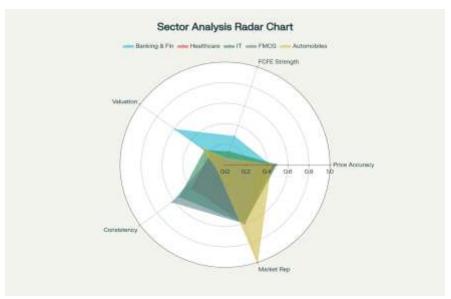
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sector offers distinct uniformity with standard deviation of mere 9.31%, maintaining it in an inconsistent status where error remains perpetually high although systemically predictable across FMCG firms (see Fig. 1.2). Such systematic underperformance occurs owing to excessive dependability by FMCG industries on intangible value drivers in form of brand equity, customer

loyalty, and sentiment in the marketplace unable to meet physical models of cash flows (see Table 1.4). Value is built in the sector through brand development and effectiveness in marketing and not through financials per se, and hence fundamental misalignment with DCF approach built on physical cash generating capabilities.

Company	PCFE I (in Bu)	FCFT. 2 (in Bu)	FCFE 3 (in Bir)	FCFE 4 (in Ba)	FCFE 5 (in the)	Discounting Factor	Equity Value	No. of Shares	Target Price	Share Price	Price Variation
Finduston Unitever Limited (HUL)	156	128	139	149	156	9.92%	1.51	2.38	642.22	2660.00	75.965
FFC Limited	181	202	220	240	235	9.88%	2.57	12.58	199.33	409.50	51.579
Nestle India Limited	27	7.31	35	38	-40	9,54%	399.98	1.98	207.4	1154.20	82,004
Debur India Limited	1.3	15	. 17	19	30	9.92%	197.58	0.138	111.30	521.55	78.65%
Dritanesa Industries Lincined	27	30	. 33	34	37	9.56%	406.50	240,900	3687.70	3819.00	71,005
Colgoro-Pulmolive (India) Ltd.	16	-17	38	19	.20	9.92%	302.88	272M	345.63	2331.8	68.025
Proeter & Gumble Hygiene and Health Ca		. 10	11	32	12	9.92%	115.68	32.5M	3562.14	13086	72,789
Errani Ltd.		9			10	9.92%	103.58	436.5M	237,13	573.6	58,661
Marton Ltd.	10	. 30	22	23	- 15	9.58%	256.68	138	197.94	725.85	72,735
Godrej Consumer Products Ltd.	22	11	35	. 37	. 19	9.93%	414.50	(11	405.13	1242.6	67.40%
Patanjuli Foods Ltd.	33	19	22	22		9.54%	309.18	362.5M	152.8	1777.6	52.03%
Jyothy Lans Ltd.		4	- 5		3	9,93%	54.98	362.7W	149.48	340.4	56,095
Badico Khuitan Ltd.			:10	0 10	1.12	9,73%	3168	(133.8M	866.93	2852.5	69.619
Varian Bewarages Ltd.	39	45	40	53	36	9.74%	5718	3.48	168.83	487.15	65.349
Tata Consumer Products Ltd.	17	. 11	25	27	. 29	9.54%	284.28	989.5M	287,16	1065.4	73,055

Fast-Moving Consumer Goods - Table 1.4



Sector Analysis Radar Chart - Fig 1.2



DCF Accuracy vs Consistency by Sector - Fig 1.3

Anova: Single Factor						
SUMMARY						
Groups	Count	Sum	Average	Variance		
Banking and Financial Services	15	8.5660601	0.57107067	0.20487022		
Healthcare & Pharmaceuticals	15	7.86475208	0.52431681	0.02229411		
Information Technology	15	7.62108442	0.50807229	0.0130883		
Fast Moving Consumer Goods	15	10.1479437	0.67652958	0.00867295		
Automobiles	15	8.39077358	0.55938491	0.05009596		
ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.26042687	4		1.08866267	0.36890888	2.50265646
Within Groups	4.18630154	70	0.05980431			
Total	4.44672841	74				

Single Factor Anova Test - Table 1.5

The one-way ANOVA test performs sector-wide analysis on the statistical differences on how the sectors differ in DCF accuracy (see Table 1.5). The result showed an Fstatistic of 1.09 and a critical F value of 2.50 at the 95% confidence interval, with a p-value of 0.369, confirming no statistically significant differences across the sectors. Hence, mean DCF valuation errors, as proposed under the null hypothesis, holding all else constant, demonstrates the method's consistency across reliability and multi-sector application. Even when DCF predictability, and business risk differences across sectors, a null statistical result demonstrates the DCF precision differences are not significant enough to invalidate its use for comparative valuation. Hence, the ANOVA result in the practical DCF use case demonstrates its theoretical and practical reliability across all sectors in the study.

FINDINGS

Despite seeming heterogeneity in sectoral DCF performance, statistical evidence indicates the divergence of these differences, while important for practical purposes, fails to indicate statistically significant differences that theoretically disqualify DCF methodology in the various sectors. Moderate rather than extreme variation is indicated by the 10.4% coefficient of variation of Mean APE, which suggests sector-specific influences bear upon but do not overwhelm DCF accuracy outcomes.

Range analysis shows that the 16.84% spread between best and worst performing sectors represents less than 30% of average performance, a variation level consistent with expected modeling uncertainty in financial applications. Furthermore, four of the five sectors perform within 6% of the sectoral average, with only Fast-Moving Consumer Goods showing substantial deviation, suggesting that DCF reliability is more consistent across sectors than initially apparent.

The statistical findings corroborate that although the practitioners need to take into account sector-specific

features while utilizing DCF models, these do not represent caveats limiting methodology validity but refinements towards enhanced accuracy. The existence of variations merely reflects differences in business models, which can be addressed by suitable model calibrations without undermining the DCF's general applicability across all sectors examined.

This convergence to statistically equivalent performance levels across a wide variety of sectors reflects the strength of DCF as a valuation method, affirming that while sector knowledge contributes to the accuracy, the underlying technique remains valid over the wide range of industry uses reflected in this extensive review.

Finally, as we conclude, we prove through this analysis that there is no statistically significant disparity in DCF valuation precision between sectors, and therefore we affirm the null hypothesis that DCF valuation is just as precise in all sectors.

FUTURE RESEARCH AREAS

The study shows DCF valuations hold up pretty well across different sectors. Still, theres room for more research to dig deeper into that. One thing, looking at even more industries and spreading out the data over several years might turn up how big economic shifts or up-and-down cycles mess with DCFs reliability. Another idea, bringing in stuff like behavioral finance and market quirks, the kind Ruback talked about back in 2011 or what Huang and others said in 2023, that could help make sense of why things vary due to analyst biases or uneven info flow. Then too, trying out AI-boosted or mixed valuation methods, like Karatas, Klinkert, and Hirsa suggested in 2021, might prove if better predictions sharpen up DCFs accuracy. And last, studies across countries or tied to ESG in specific sectors would clear up how rules in different places or green factors play into DCFs dependability. All in all, pushing these ideas forward would help pin down exactly when and why DCF stays solid amid changing finance and business scenes.

REFERENCES

- Berkman, H., Bradbury, M. E., & Ferguson, J. (2000). The Accuracy of Price-Earnings and Discounted Cash Flow Methods of IPO Equity Valuation. Journal of International Financial Management & Accounting, 11(2), 71–83. https://doi.org/10.1111/1467-646x.0005
- Gomes, A., João Jorge, M., & Gonçalves Pereira, A. (2025).
 The use of different cost of equity models when valuing SMEs: A case study. Small Business International Review, 9(1), 1–31. https://doi.org/10.26784/sbir.v9i1.705
- 3. Keef, S. P., & Roush, M. L. (2001). Discounted cash flow methods and the fallacious reinvestment assumption: a review of recent texts. Accounting Education, 10(1), 105–116. https://doi.org/10.1080/09639280122722
- 4. de Heer, M., & Koller, T. M. (2000). Valuing cyclical companies. McKinsey Quarterly, 2, 62–69.
- Gélinas, P. (2025), Discounted Cash Flow Model to Assess Company Value and Risk Considering Potential Synergistic Mergers and Breakups. Journal of Mathematical Finance, 15, 233-243. https://doi.org/10.4236/jmf.2025.152010
- Sam, Rainsy, Revisiting Intrinsic Stock Valuation: A
 Comparative Study of DCF, GGM, and PPP in Concept
 and Practice (May 31, 2025).
 http://dx.doi.org/10.2139/ssrn.5276773
- Huang, S., Tan, H., Wang, X., & Yu, C. (2023). Valuation uncertainty and analysts' use of DCF models. Review of Accounting Studies, 28(2), 827–861. https://doi.org/10.1007/s11142-021-09658-w
- Bonazzi G, Iotti M. Evaluation of Investment in Renovation to Increase the Quality of Buildings: A Specific Discounted Cash Flow (DCF) Approach of Appraisal. Sustainability. 2016; 8(3):268. https://doi.org/10.3390/su8030268
- Haertler, L., & Seeber, J. L. (2020). A critical investigation
 of the standard discounted cash flow model for high-growth
 companies: A practical analysis [Master's thesis,
 Copenhagen Business School]. https://research-api.cbs.dk/ws/portalfiles/portal/66772596/1051458
 Masterthesis Seeber 123845 Haertler 123743.pdf
- Tan, Zekuang, Application of Discounted Cash Flow Model Valuation – Wal-Mart (Jun 26, 2017). http://dx.doi.org/10.2139/ssrn.3100702
- 11. Einstein, B. (2025, March 4). Discounted cash flow (DCF) formula: What it is & how to use it. Harvard Business School Online. https://online.hbs.edu/blog/post/discounted-cash-flow
- Silva, C. A. T. (2023). Discounted Cash Flow: Theoretical and Practical Aspects of its Use. Advances in Scientific and Applied Accounting, 16(3), 199–208/209. https://doi.org/10.14392/asaa.2023160309
- Steiger, F. (2008). The validity of company valuation using discounted cash flow methods (Seminar Paper). European Business School. https://arxiv.org/pdf/1003.4881
- 14. Vlaović Begović, S., Momčilović, M., & Jovin, S. (2013). Advantages and limitations of the discounted cash flow to firm valuation. Škola biznisa, 1(1), 38–47. https://doi.org/10.5937/skolbiz1301038V
- Fernández, P. (2002, revised 2007). Company valuation methods: The most common errors in valuations (Working

- Paper No. 449). IESE Business School, University of Navarra. https://www.iese.edu/media/research/pdfs/DI-0449-E.pdf
- 16. Damodaran, A. (2006, November 2). Valuation approaches and metrics: A survey of the theory and evidence [Working paper]. Stern School of Business, New York University. https://pages.stern.nyu.edu/~adamodar/pdfiles/papers/v
- aluesurvey.pdf
 17. Jennergren, L. P. (2011, December 13). A tutorial on the discounted cash flow model for valuation of companies (Working Paper No. 1998:1). Stockholm School of Economics.
 - https://swoba.hhs.se/hastba/papers/hastba0001.pdf
- 18. Parker, R. H. (1968). Discounted cash flow in historical perspective. Journal of Accounting Research, 6(1), 58–71. https://doi.org/10.2307/2490123
- 19. Jennergren, L. P. (2006). Continuing value in firm valuation by the discounted cash flow model. European Journal of Operational Research, 185(3), 1548–1563. https://doi.org/10.1016/j.ejor.2006.08.012
- Oded, A., & Michel, A. (2007). Reconciling discounted cash flow valuation methodologies [PDF]. Retrieved from https://www.researchgate.net/publication/265572808
 Reconciling DCF Valuation Methodologies/links/54b7
 b0ba0cf2bd04be33bbac/Reconciling-DCF-Valuation-Methodologies.pdf
- 21. Ruback, R. S. (2011, June). Downsides and DCF: Valuing biased cash flow forecasts. Journal of Applied Corporate Finance, 23(2), 8–17. https://doi.org/10.1111/j.1745-6622.2011.00322.x
- 22. Inselbag, I., & Kaufold, H. (1997, March). Two DCF approaches for valuing companies under alternative financing strategies (and how to choose between them). Journal of Applied Corporate Finance, 10(1), 114–122. https://doi.org/10.1111/j.1745-6622.1997.tb00132.x
- Demirakos, E. G., Strong, N. C., & Walker, M. (2010).
 Does valuation model choice affect target price accuracy?
 European Accounting Review, 19(1), 35–72.
 https://doi.org/10.1080/09638180902990630
- 24. Sayed, S. A. (2017). How much does valuation model choice matter? Target price accuracy of PE and DCF models in Asian emerging markets. Journal of Accounting in Emerging Economies, 7(1), 90–107. https://doi.org/10.1108/JAEE-10-2014-0055
- 25. Yuan, S., Khandelwal, A., Pasumarthi, R. K., Gupta, P., & Cheng, H.-T. (2021). Neural Retrieval for Search (arXiv:2108.02853). arXiv. https://arxiv.org/abs/2108.02853

APPENDIX

1. Companies considered in the analysis

Banking and Financial Services	Healthcare & Pharmsceuticals	Information Technology	Fast Moving Consumer Goods	Automobiles
HDFC Bank Ltd.	Sun Pharmaceutical Industries Limited	Infosys Limited	Hindustan Unitever Limited (HUL)	Tata Motors Ltd.
ICICI Bank Ltd.	Dr. Reddy's Laboratories Limited	Tata Consultancy Services Limited	ITC Limited	Mahindra & Mahindra Ltd.
State Bank of India	Cipia Limited	Wpro Limited	Neetle India Limited	Maruti Suguki India Ltd.
Kolak Mahindra Bank	Lupin Limbed	HCL Technologies Limited	Datrur India Limited	Başaj Auto Ltd.
Bajaj Finance	Apolio Hospitals Enterprise Limited	Tech Mahindra Limited	Sitannia industries Limited	Hero MotoCrop Ltd.
Axis Bank Ltd.	Aurobindo Pharma Ltd.	Mphasis Ltd.	Colgate-Palmolive (India) Ltd.	Ashok Leyland Ltd.
Indusind Bank Ltd.	Biocon Lid.	Coforge Lttl.	Procter & Gamble Hygiene and Health Care Ltd.	Eicher Motors Ltd. (Royal Enfield)
Bandhan Bank List.	Glenmark Pharmaceuticals Ltd.	KPIT Technologies Ltd.	Emans Ltd.	TVS Motor Company Ltd.
IDFC First Bank Ltd.	Zydus Lifesciences Ltd.	Persistent Systems Ltd.	Marioo Ltd.	Escorts Kubota Ltd.
Punjab National Bank	Toment Pharmaceuticals Ltd.	Larsen & Toubio Infotech (LTI)	Godrej Consumer Products Ltd.	Force Motors Ltd.
Bank of Baroda	Alkem Laboratories Ltd.	Moditee Ltd.	Patanjali Foods Ltd.	SML Irugu Ltd.
Federal Bank Ltd.	DW's Laboraturies Ltd.	Oracle Financial Services Software Ltd.	Jyothy Labs Ltd.	Schaeffer India Ltd
Canara Bank	Natoo Pharma Ltd.	Birlasoft Ltd.	Radico Khaitan Ltd.	Exide Industries Ltd.
Yes Bank Ltd.	Abbott India Ltd.	Happiest Minds Technologies Ltd.	Vanin Beverages Ltd.	MRF Ltd.
LIC Housing Finance Ltd.	Pfiper Ltd. (India)	Zensar Technologies Ltd.	Tata Consumer Products Ltd.	Apolio Tyres Ltd.

Null Hypothesis: DCF Valuation Banking & Financial Services	a equally accur	ate across all se	ctors							(all f	igures are in INI
	DESTRUCTION BASE	SCHOOL TON BUT	DODE LOS Bed	STATE A de Bel	ECTT & On Hall	Discounding Factor	Street Water	No. of Shares	Target Price	Share Price	Potent Vantation
Company IDEC Bank Lid.	FCFE 1 gas Big 678		527 527	FCFE 4 (in Ba)	(A1)	Discounting Factor 9.54%	Equity Value 7.40T	7,700	Target Price 966,63		Price Variation 1.60
	872 372		671	811	926	9.56%	9.10T	7,708	1274.86	1394.00	1,60
CICT Black Ltd.			922		1093	9,58%	9.10T	9,208		902,35	47,91
isto Bank of India	723			1626					1007,61		
ceak Makindra Bank	122		396	365	412	9,54%	4,100	2.008	2046,78	1960.00	4,5
lajaj Pinatoc	-33		42		193	10,04%	1.807	6,208	289,25	877.80	67.8
acie Runk Ltd.	249		385	464	527	9.54%	5,201	3.308	1673.87	1045.55	60.0
ndarind Bank Lot	34		.69		96	9.58%	0.847	0.788	3079,98	739.90	45,8
andhar Bank Ltd.			.0		. 53	3.56%	9.53T	1.609	328,87	161.85	103,1
DFC First Bank List.	26				80	9.34%	U.TAT	7,308	105.73	48.00	55.4
ragab National Back	166		192		227	9.58%	2.301	11,500	399.17	100.89	97.4
lank of Haroda	183	201	233	261	242	9,34%	2.80T	5,209	246,44	262.15	108.4
olení Bask 11d.	40	. 51	61	74	. 84	9,54%	0.821	2,509	335,37	191.70	74,5
asses Bank	175	195	210	225	237	9,54%	2.40T	9.108	264.86	193.83	153.4
for Bank List.	31	46	. 16	65	72	9.54%	0.717	31,408	22.59	20.33	11.1
AC Housing Finance Ltd.	12	14	. 17	22	27	10.04%	9.367	0.558	471.55	555.20	15.6
Sealthcare & Pharmaceuticals		7 h 14		1/2				- 11	1		34
empany	POPE I die Bio	PCFE 2 (in Bu)	FCFE 5 (in Bu)	PCFE 4 (in Bu)	FCFE 5 (in Bu)	Discounting Factor	Equity Value	No. of Shares	Target Price	Share Price	Frice Variation
on Phenocentical Industries Limited	124		154		171	10.48%	1.90T	2.408	274.51	1594.05	51.4
R. Roddy's Laboratorics Limited	34			58	41	10.67%	617.208	832,4056	241,42	1263.90	41.3
ipla Limited	52		19	63	66	10.47%	726.988	807,40M	859.82	1589.40	43.3
	40		- 6		51	10.35%	483,308	456,80M	1058,12	1894.90	44.7
agin Limited	15				32		294.6B	143.8M	2949.92		
spells Hospitals Emoprise Limited			26			10,17%		0.588		7610.00	73.5
umbiedo Pharma List.	39				53	10.49%	0.497		846,74	1027.70	17.1
lincon Ltd.	18		32	- 25		10,36%	0.201	1,300	351,18	348.33	26.1
Romark Pharmacoticals Ltd.	19		29	31	33	19,45%	0.101	0.208	1009.46	1924.00	46.1
ydus Lifescimon Ltd.	51		49		52	10,36%	0.54T	1,008	554.42	941.05	45.5
Serrost Pharmacenticals Ltd.	33		43		-49	10,49%	0.43T	0.140	1284,74	3559.80	63.5
Ikm Laberstorics Ltd.	23		. 29		32	10,49%	0.34T	0.129	2823,99	5303.50	46.
Styl's Laboratorius Ltd.	28		42	47	53,	(1,25%	9.461	0,279	1719,48	6132.00	71,1
istos Pharma Ltd.	14		- 4		- 1	10.43%	0.08T	0.188	435.88	862.00	49.4
bbott Itulia Ltd.	14		18			10,45%	0.19T	0,028	8761,80	31420.00	72.2
San Ltd. (India)			9		. 9	10.45%	0.087	0.688	1849.17	3156.00	64.1
nformation Technology											
copasy	DOME Life No.	arrest towner	ECET Life Bed	STREET AND BOX	NCVE S de Bal	Discounting Factor	Ecolin Value	No. of Shares	Target Price	Share Price	Price Variation
nform Limited	285		333	356	373	10.58%	3.40T	4.109	819,65	1469.90	44,2
	518		604		675	10,58%	6.10T	3,608	1694.95	3983.80	45.6
ata Connellancy Services Limited											
Mym Linited	107		122	131	138	10,58%	1,301	10.508	121.36	249.36	3).3
ICL Technologies Limited	189		227	243	254	10.38%	2.30T	2.708	851.89	1453.70	41.4
ish Makindu Lincited	65		. 01		101	10,5854	905.500	979.26M	927,74	1495.00	37,1
Spheris Etd.	23.			28	30	10,50%	0.297	0.798	1537.41	2788.00	44.5
Solitar Ltd.	21		. 18		32	10,59%	0.271	0.338	807.54		. 53.3
CPIT Technologies Ltd.	10	12	.14		17	10,56%	9.167	0.278	663,63	1190.70	49.3
Amiston Systems Ltd.	20 188		29 261		315	10.60%	322.208	155.9056	2072.49 2211.60	5305.50 5134.00	60.1
arien & Toubin Infinish (LTI) Sinding Ltd.	39		251		912	9.79%	270.9B	296.4M	1926,23	31,14.00	56.5 43.5
Oracle Financial Services Software Ltd.	25		30		34	10.58%	310.39	26,9M	3570.43	8293.50	36.3
Helmori Ltd.	- 40	-65	0			10.58%	61.98	277.9M	222.6	368.10	39.5
Speriest Minds Technologies Ltd.	0	1	1		2	10.58%	13.78	150.256	91.43	565.05	83.8
Censur Tracheologica Ltd.			7		9	10.30%	81.78	22T.2M	359.60	768.10	55.1
Fast-Moving Consumer Goods	-	-									
ompany						Discounting Factor			Target Price	Share Price	Price Variation
Sudustan Chilevor Linemed (FRIL)	116		139			9.92%	1,51	2.38	642.22	2660.00	75.5
TC Limited	181		220	346	255	9.88%	2.51	12.38	398,33	409.50	31.3
Sortic India Limited	37		35	36	40	9.56%	399.90	1,99	287,41	1154.20	82.5
Julius Bedin Limited	27		17	36	37	9.92%	197.5B 496.5B	1,18 246,9M	111,36	521.55 5879.00	71.4
Iritannia Industries Limited Organo-Palmotivo Ordia: Ltd.	16		18		37	9,92%	392.69	240,956 272M	745.63	2331.8	68.4
rocer & Gentile Hygiene and Health Car	100				12	9.92%	113.40	52.1M	3862.14	1,3000	72.7
reami List.			9			9.92%	192,58	436.5M	227.12	573.6	38.6
Series Ltd.	17		22	23		9.54%	254.6B	1.30	197.94		72.1
odni Concour Products Ltd.	27		. 25	32	. 30	9,93%	414,538	116	465.12	1242.6	67.4
utarjali Foods Ltd.	.13			22	31.	9.34%	309.13	362.5M	157.4	1777.6	52.5
yothy Labs Ltd.	4				3	9,93%	54.98	362.7M	149:46		563
Indice Khatar Ltd.					12	9,75%	LIAB	132.8M	866,93		69.5
Janus Bergragos Lail. Jata Congumer Products Ltd.	39		25		29	9,74%	571B 284.28	3.48 989.5M	168,85 287,16	447,15 1965.4	73.4
ma s transport a Arresta List		- 4	- 4			9,24%	294,28	200,286	481,18	1992.0	
automobiles	Turney Comment	Tanana a managana	To come of the common of the c	Taxana	Total Control						
Integraty Inter-Moreon Led	FOYE I (in Bu)		FCFE 3 (in 8a)	FCFE 4 (in Ba)	PCFE S (in Ba)	Discounding Factor 10.95%	Equity Value 2.17	No. of Sharm 3.78	Target Price	Share Price 669.50	Price Variation
ata Monors Ltd.			338					3.78 1.20	377.74		
fahindra Al Mohindra Ltd. faturi Suzuki India Ltd.	24 130					10.95%	453.28 1.97	314.4M	377,74 6180,54		18.3 59.3
fatus Susuki India Est. Inisi Auto Ltd.	130				223 193	10,95%	894.EB	279.2M	3262.34		62.1
ino MonoCrop Lid.	43				54	10.95%	478.4B	200M	2391.73		11.
ulok Leyland Ltd.	39				55	10,28%	494.98	5.99	84,54		33.
icher Metom Ltd. (Revol Emlield)	. 38				54	10.94%	864.3B	274.3M	2422.66	4183.00	60.
VS Motor Company Ltd.	11		19		25	10,95%	200.4B	474.6M	443.21	3276.60	86.
Control of the Parket of the P	10				to	10.01%	209.88	DBM	1903.58	3567.00	46.
ecorts Kadsota Lid			7	1		19,3854	700	11.250	3920.41	19477.00	69.
						10.58%	138	14.5%	897.09		.78.
occe Motors Ltd.	0					19,7079	1791				
otos Motors Leil. MI, liegas Leil. charffer India Leil	10	12	14		17	10.58%	141.28	156,356	947,95	3967.40	75.
incerts. Kudesta List. incer Motore List. Null. Incom List. otherfiler India List. laide Indianties List.	10	12	16	37	- 18	10.58% 10.50%	141.28 141.68	156,3M 850M	947,95 190,06	3867.40 396.25	75.4 52.6
etse Motors Led. ML loam Led. charffor India Led	10	12 14 36		37	19	10.58%	141.28	156,356	947,95	3967.40	75.