Motilal Oswal Financial Services Limited

Opportunities to drive growth, valuations to follow

Incorporated in 1987, Motilal Oswal Financial Services Limited (MOFSL) started as a stock broker and has graduated into a well-diversified financial services company that provides a host of products and services across Retail and Institutional Broking, Private Wealth Management, Investment Banking, Private Equity, Asset Management (AMC), and Housing Finance. With over three decades of experience in the capital market, MOFSL has witnessed multiple market cycles and black swan events. The Company's research and advisory support to its broking clients has contributed to client retention, despite competition from discount brokers. MOFSL is well-positioned to take advantage of the increasing participation of retail clients in the equity markets on the back of its established franchise. We initiate coverage on Motilal Oswal Financial Services Limited with a BUY rating and a target price of Rs. 896 using the 'Sum-Of-The-Parts' (SOTP) method.

Diversification of business to increase future opportunities

MOFSL has aptly diversified its business operations to reduce industry risk and expand on opportunities. The Company diversified into the AMC business, which is expected to increase AUM owing to fund performance. The wealth management business will benefit from the rise of High-Net-Worth Individuals (HNIs) and Ultra HNIs (UHNIs) in India, which is expected to increase at a CAGR of 12% and 7%, respectively, from CY21 to CY26. In investment banking, the Company has a strong pipeline of ~25 deals worth Rs. ~200 Bn from sectors like BFSI, Auto, Consumer, Healthcare, and Industrials. In 2020, the Company also diversified into the Insurance broking business, which grew by more than 40% YoY in FY22.

Value unlocking in the Housing Finance segment

The Company entered the housing finance segment in 2015 but faced numerous difficulties in scaling it up. In 2020, the Company appointed Arvind Hali as the MD & CEO and Amar Bahl as the Deputy MD & COO of Motilal Oswal Home Finance Ltd (MOHFL), each having more than 20 years of experience in the industry. The Company rebuilt this segment conservatively by implementing proper processes and systems. The changes have resulted in constant improvement in collection ratio, yields, NIM, decreasing NPAs, and cost of funds. The disbursements have increased by 80% YOY in H1 FY23. The management is currently discussing the demerger of the housing finance segment to unlock the latent value.

View & Valuation

The broking business is expected to maintain a 2.5% market share based on the addition of Demat Accounts, followed by a rise in AMC AUM, which is expected to revive on the back of the scheme's performance and addition of new AUM. The wealth management segment AUM is expected to grow at 18% CAGR from FY22 to FY24E. The revival in the housing finance segment is evident by 80% YoY growth in disbursements in H1 FY23. Based on the expectation of business improvement, we initiate coverage of MOFSL with a BUY rating and a target price of Rs. 896 using the SOTP valuation method.

30th Dec 2022

BUY

CMP Rs. 686 TARGET Rs. 896 (+30.6%)

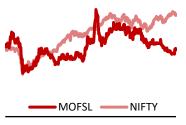
Company Data

MCAP (Rs. Mn)	1,01,471
O/S Shares (Mn)	149.1
52w High/Low	1,006 / 651
Face Value (in Rs.)	1
Liquidity (3M) (Rs. M	n) 94

Shareholding Pattern %

	Sept 22	Jun 22	Mar 22
Promoters	69.57	69.50	69.50
FIIs	9.29	9.80	10.08
DIIs	5.01	4.02	3.63
Non- Institutional	16.12	16.67	16.78

MOFSL vs Nifty



Dec, 19	Dec, 20	Dec, 21	Dec, 22
Source: Keyr	note Capitals Lt	d.	

Key Financial Data

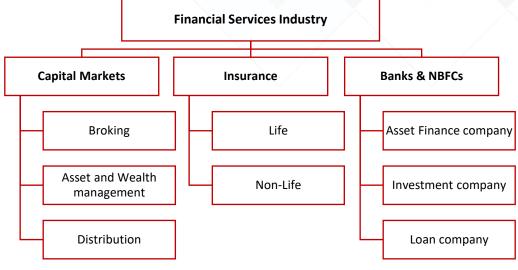
(Rs Mn)	FY22	FY23E	FY24E
Revenue	42,968	46,372	52,575
Net Profit	13,125	13,834	16,787
Total Assets	1,69,233	1,98,193	2,35,639
Net Worth	57,007	68,503	82,357
ROA (%)	8%	7%	7%
ROE (%)	23%	20%	20%

Source: Company, Keynote Capitals Ltd.

Chirag Maroo, Research Analyst Chirag@keynotecapitals.net

Financial Services Industry Overview

Over the last decade, the structural story of financialization in India has accelerated, resulting in a shift from holding physical assets to financial assets. According to the RBI, the share of financial savings increased from 45% to 52%, while savings of physical assets fell from 55% to 48% from FY16 to FY21; thus, the financialization of savings and the popularity of financial services emerged as a megatrend. The financial services industry in India can be classified as follows:

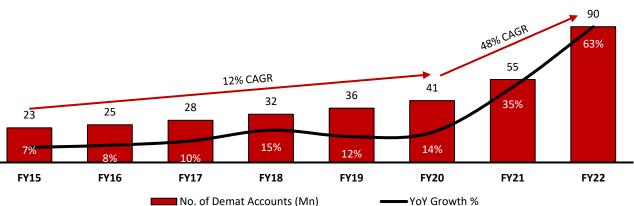


Source: IBEF, Company, Keynote Capitals Ltd.

Capital Markets

Broking industry

A brokerage firm is an intermediary between an investor and a securities exchange. Over the past decade, the broking industry has evolved significantly due to the disruption led by discount brokers, which led to a robust client addition. COVID-19 was a pivot point for the broking industry, with the rapid adoption of technology and the ability to on-board clients digitally has boosted the industry's growth. The industry has witnessed consistent growth in Demat Accounts, growing at a CAGR of 10% for seven years till 2020. In the last couple of years, this trend was accentuated & the Demat accounts grew at a CAGR of 48%.



Total Demat Accounts has seen accelerated growth in last two years

KEYNOTE

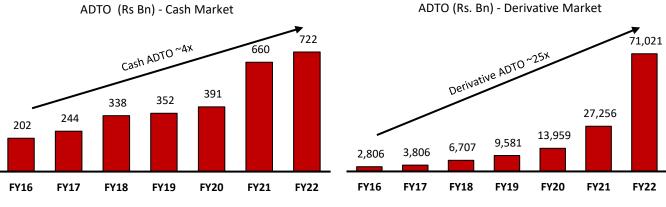
Investment Banking: The IPO market did exceptionally well in FY22, witnessing the highest fund mobilization via the primary market, with 76 IPOs compared to 69 in FY21. The funds raised through 52 main-board IPOs in FY22 was Rs. ~1.1 Trn compared to Rs. ~0.31 Trn raised through 30 IPOs in FY21. The primary market witnessed an increase in retail participation in FY22, with an average of 1.41 Mn applications compared to 1.27 Mn in FY21.

Private Equity: Venture Capital firms invested \$48 Bn in Indian companies via 1,624 deals with significant investments into tech-driven sectors, like start-ups, IT & ITeS, and e-commerce. In FY22, eight major investments worth more than \$1 Bn took place, led by Flipkart's \$3.6 Bn pre-IPO round marking the re-entry of SoftBank. Sequoia Capital was the most active investor with 105 investments, followed by Tiger Global with 60.

Industry trends

Rise of digital brokers – The industry shifted from traditional brokers (~36% of active industry clients in FY22 from 81% in FY19) to discount brokers (~64% of active industry clients in FY22 from 19% in FY19) due to significant technological improvements and smartphone penetration. With increasing consumer preference towards discount brokers, traditional brokers have launched hybrid plans that include discount brokerage along with traditional services to attract clients.

Consolidation in the industry – The Indian broking industry has become highly concentrated, with the top 5 players constantly gaining market share from 38% in FY16 to 62% in FY22. The top 10 players commanded 80% market share in FY22 compared to 57% in FY16.



The surge in Average Daily Turnover (ADTO)

Source: NSDL & CDSL, Industry, Keynote Capitals Ltd.

Distribution segment

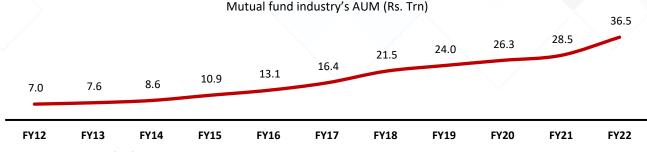
Distribution plays a vital role in the financial services industry by facilitating access to financial products and services for customers. Efficient distribution can contribute to the success of these products and services and support the growth and stability of the financial services sector.

Investor participation through distributors has been a key driver for the industry's growth. In FY22, distributors contributed 55% of the mutual fund industry AUM, and the direct route contributed 45%. The distribution segment is expected to grow due to increasing wealth, financial literacy, government initiatives, and technological advancement.

KEYNOTE

Asset and Wealth Management industry

In the last decade, the AUM of the Indian Mutual Fund (MF) industry has grown at a CAGR of 18% to Rs. ~36.5 Trn in FY22. AUM of equity mutual funds (excluding arbitrage) stood at Rs. ~17.6 Trn contributing 47% of the total AUM with net inflows of Rs. ~2.3 Trn compared to Rs. ~0.7 Trn outflows in FY21. New 2.7 crores SIPs were registered in FY22 compared to 1.4 crores in FY21. CRISIL estimates that the MF industry will grow at a CAGR of 19% to reach Rs. ~87 Trn by 2027E from current levels.



Source: AMFI, Keynote Capitals Ltd.

In July 2021, the AUM of the Indian wealth management industry stood at Rs. ~21.8 Trn, representing ~9% of the country's GDP. This is significantly lower than the AUM levels in developed markets ranging from 60-75% of GDP. Wealth managers mainly deal in MFs, PE Funds, Portfolio Management Services (PMS), FDs, Real Estate Funds, NCD, Structured Products, Tax-Free Bonds, etc.

Industry trends

Increased infusion in equities – In the past decade contribution of Equity AUM in the industry rose from 29.8% to 48.6%, attributing to increasing financial awareness and increased retail participation in equities from ~18% in FY14 to ~23% in FY22.

Increasing preference for passive funds – With rising awareness and preference for passive funds, the contribution of ETFs has also increased tremendously from 1.7% in March 2012 to 10.8% in Mar 2022. Since Mar 2012, ETFs have posted the highest growth, with assets soaring at 43.7% CAGR.

Increasing asset concentration in Beyond-30 (B-30) cities – Historically, AUM remained concentrated in the Top-30 (T-30) cities, with institutional investors contributing ~83%. In contrast, B-30 cities with high-equity exposure investors held the rest. In the last five years, the MF penetration ratio in B-30 gradually increased from 10% to 17% and is expected to increase further.

Increasing contribution through direct channels – Direct channel contribution to MF AUM rose from 42% in FY17 to 45.6% in FY22. Increased investing in mutual funds via direct channels was attributed to the increased adoption of fintech apps which has made investing process easy and cheaper.

Major regulatory changes – In the past few years, there have been multiple regulatory interventions like Cap on Total Expense Ratio (TER), reclassification of mutual fund schemes, discontinuation of upfront commission to distributors, additional TER of up to 30Bps for penetration in B-30 cities, and key employees to invest at least 20% earnings in schemes they manage to make it investor friendly. Besides this, in Dec 2022, SEBI issued performance benchmarking guidelines for the PMS, which can help investors make more informed decisions about investing. This will come into effect from April 1, 2023.

Financialization of savings – A significant portion of the wealth of Indian households is in the form of gold and real estate. The capital in these assets significantly shifted to the financial asset class (primarily equities) due to the change in the mindset of investors from capital preservation to wealth creation. Increasing financial knowledge due to wealth and AMC penetration into Tier II & III cities will help increase contribution from UHNIs in non-metro cities.

Other factors – As India advances, favorable demographics, growing financial inclusion, higher investable surplus due to high disposable income, ease of investing, increasing financial savings and awareness, investor-friendly regulations, tax incentives, digitalization, and perception of mutual funds as long-term wealth creators, are expected to be growth drivers for the industry.

Industry growth to continue in double digits

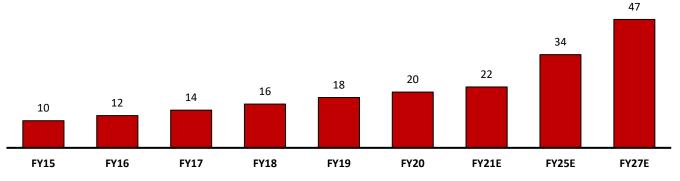
Segment	CAGR 2017-22	CAGR 2022-27E	2022 AUM (Trn)	2027E AUM (Trn)
MF	16%	19%	36.5	87
Alternative Investment Fund (AIF)	50%	32%	6.4	26
PMS	19%	18%	4.4	10
Life Insurance	13%	14%	52.5	102

Source: CRISIL report, Keynote Capitals Ltd.

Housing Finance industry

The home loan market is expected to grow from Rs. 21 Trn in FY21 to Rs. 47 Trn in FY27. The revolutionary Credit Linked Subsidy Scheme (CLSS) and Real Estate Regulatory Authority (RERA) have been well-equipped on the demand side. In CLSS, the central and state governments will contribute 25% and 13% of the housing cost, respectively, lowering the load on home buyers by ~38%. On the other side, the RERA accreditation forces developers to act fast on informing customers about the project's status and deliver houses on schedule. It is expected that, as GDP per capita increases, discretionary spending will also increase, including the purchase of larger homes. This will lead to a rise in mortgage penetration, as observed in countries such as the United States and China. It is anticipated that this chain reaction will also occur in India.

Indian housing finance market (Rs. Trn)



Source: CRISIL, Keynote Capitals Ltd.

Industry trends

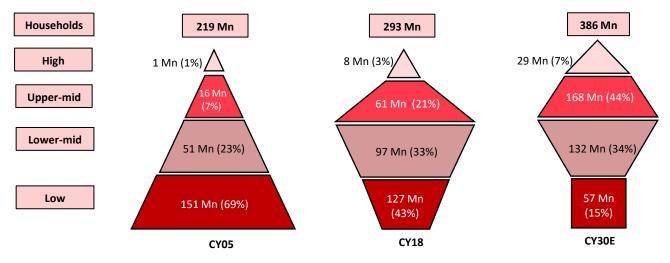
Housing demand – Pradhan Mantri Aawas Yojna (PMAY) verified a startling demand for houses and aims to provide a home for every citizen by 2024. As of October 2022, 12.3 Mn houses have been sanctioned, of which 6.4 Mn houses have been completed. The Ministry of Housing and Urban Affairs predicts that by 2050, ~53% of Indians will live in urban areas, creating a huge need for homes.

Nuclearization – The average household size of Indian families shrunk from 4.8 in 2017 to 4.4 in 2020, which is expected to shrink further, creating housing demand.

Improved housing affordability – The housing affordability index in India has decreased from 4.8 in FY11 to 3.2 in FY22, which shows an increase in housing affordability.

Increasing share of the premium houses – The housing industry is witnessing a substantial development in the high-end segment, banking on the growing disposable income levels. The High-end or "premium" segment contributed ~24% to overall housing in 2018, which is expected to increase to 51% by 2030.

Housing affordability index = house price / annual income



Source: Home First Finance Company Ltd Annual Report, Keynote Capitals Ltd.

Increase in mortgage penetration – The average ratio of mortgages to GDP in India has increased from 7% in FY12 to 11% in FY22, but is still low compared to 20%-30% in other countries, indicating considerable growth ahead. Moreover, an increase in GDP per capita leads to a rise in discretionary expenditure, including bigger houses. This increases mortgage penetration.

Favorable demographics – Currently, 65% of the Indian population is under 35 years, and it is predicted that the working-class population will increase by 10 Mn between 2021 and 2031. This will induce demand for more homes from the working section of the country.

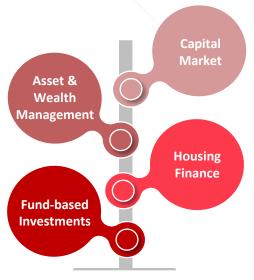
KEYNOTE

About Motilal Oswal Financial Services Limited

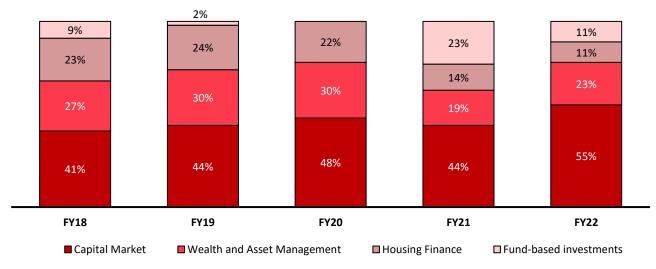
Incorporated in 1987 as a small sub-broking unit, Motilal Oswal Financial Services (MOFSL) has now become a well-diversified financial services company that provides various products and services across Retail and Institutional Broking, Private Wealth Management, Investment Banking, Private Equity, AMC, and Housing Finance.

MOFSL is a multi-faceted financial services company with a presence in over 550 cities and an employee strength of more than 10,500 as of FY22. The group caters to retail and institutional clients through its 7,098 outlets (franchisees and other partners).

Diversification of business divisions

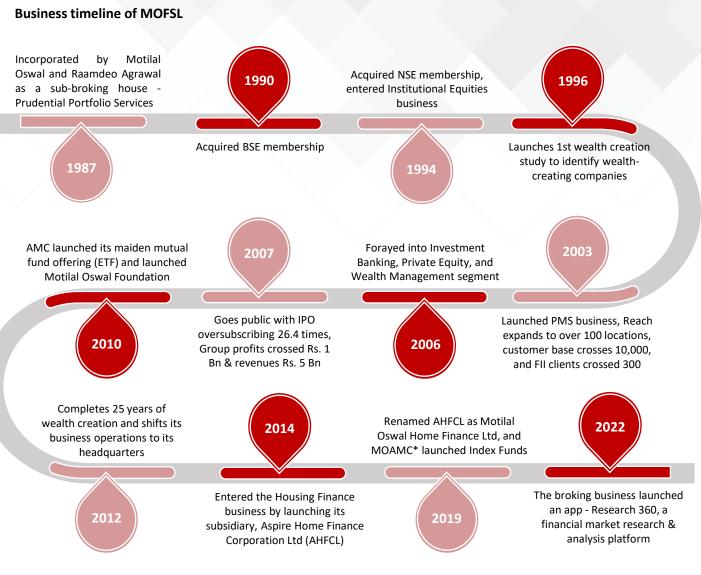


Source: Company, Keynote Capitals Ltd.



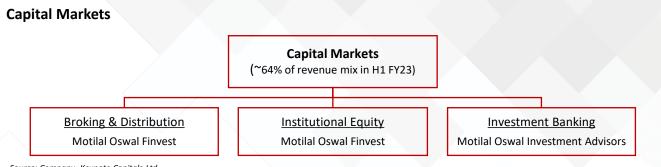
Revenue Mix (%)

KEYNOTE



* Motilal Oswal Asset Management Company Source: Company, Keynote Capitals Ltd.

KEYNOTE

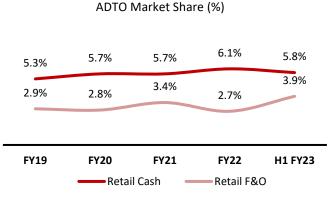


Source: Company, Keynote Capitals Ltd.

Broking & Distribution

MOFSL's broking business is the largest contributor to the overall revenue supported by the funding business providing a margin trade facility. Some players in the industry have been shifting towards a zero-brokerage model, while MOFSL operates on the traditional model. The Company offers a researchbased advisory call to its retail customers through technical (short-term trades) and fundamental (long-term trades) research reports which help them trade with the Company by making informed investment decisions resulting in client stickiness. The Company follows the 'Phygital' model that includes characteristics of the traditional model and digitalization.

MOFSL offers a bouquet of financial products, including equities, derivatives, currency, commodities, depository services, PMS, MF, and insurance products, serving participants across FIIs, domestic institutions, HNIs, and retail investors.

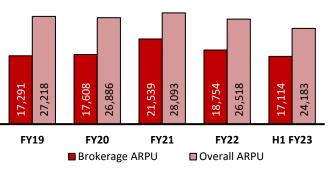


NSE Active clients trend



Source: Company, Keynote Capitals Ltd.

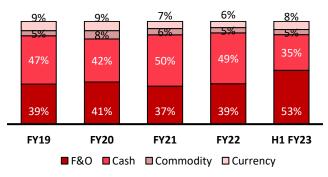
Average Revenue per Paying User (ARPU)



Source: Company, Keynote Capitals Ltd.

Source: Company, Keynote Capitals Ltd.

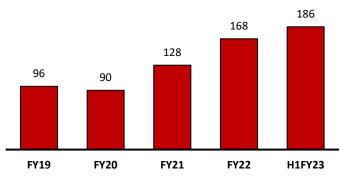
Constituents of Brokerage revenue mix (%)



In FY20, the Company diversified into the insurance broking business, registering a strong premium collection of Rs. 570 Mn in FY22 compared to Rs. 400 Mn in FY21, up 43% YoY. The Company has partnered with HDFC Life, ICICI Prudential Life, and Bajaj Life for life insurance products and Aditya Birla Health, Care Health, and Star Health and Allied for health insurance products.

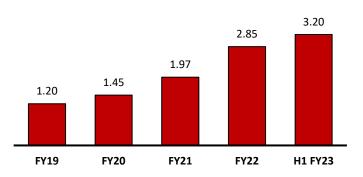
In the last three years, the Company's distribution division grew at a CAGR of 21%, reaching an AUM of Rs. 168 Bn in FY22, synergizing with AMC, PE/RE, and wealth management. The Company acquires clients through the franchise, private client (HNI), online, and branch channels. Despite this progress, the Company has still only tapped 20% of its ~7,000 franchisees for the distribution business, leaving massive room for growth.

Distribution AUM (Rs. Bn)



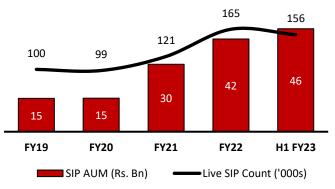
Source: Company, Keynote Capitals Ltd.

Continuous improvement in client base (Mn)



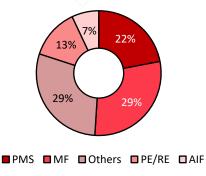
Source: Company, Keynote Capitals Ltd.

Distribution SIP AUM and count



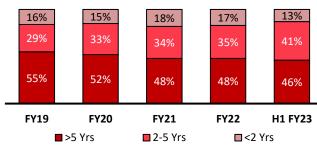
Source: Company, Keynote Capitals Ltd.

Distribution AUM Mix (Q2 FY23)



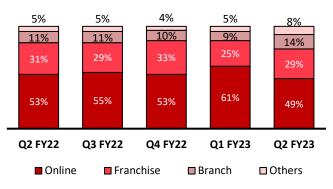
Source: Company, Keynote Capitals Ltd.

Majority of revenue contributed by 5 yrs+ Franchisees



Source: Company, Keynote Capitals Ltd.

Emphasis on diversified sourcing model



Source: Company, Keynote Capitals Ltd.

KEYNOTE

KEYNOTE

The Company provides these services using a network of branches across major cities that provides a local footprint and opportunities to cross-sell online applications enabling customers to trade & track conveniently a bouquet of products giving a sustainable revenue stream and need-based solutions.

Investment Banking

Motilal Oswal Investment Advisors Ltd. (MOIAL) handles the Company's investment banking division. In FY22, MOIAL executed 13 deals, including IPOs of Aditya Birla Sun Life AMC, GR Infraprojects, Metro Brands, and QIPs of Burger King and Union Bank of India, among others. MOIAL successfully executed three deals in Q2 FY23 worth Rs. ~23.3 Bn. Currently, the Company has a strong pipeline of ~25 deals worth Rs. ~200 Bn from sectors like BFSI, Auto, Consumer, Healthcare, and Industrials.

Institutional Equities

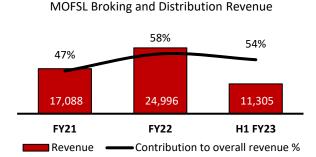
MOFSL institutional broking services provide cash and derivatives services to domestic and foreign institutions. As of Q2 FY23, the Company has a bouquet of services catering to 810+ institutional clients.

MOFSL launched a free application, Research 360, as a one-stop solution with access to knowledge and research of market news and update across all market segments, available to all investors and traders. The Company is also planning to launch a subscription-driven research platform.

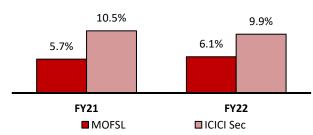
Various services offered by the platform include:

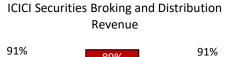


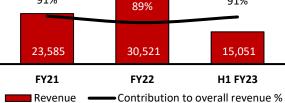
Broking segment peer analysis with ICICI Securities



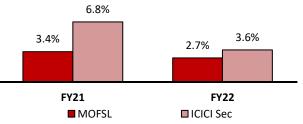
ADTO Cash Market share (%)



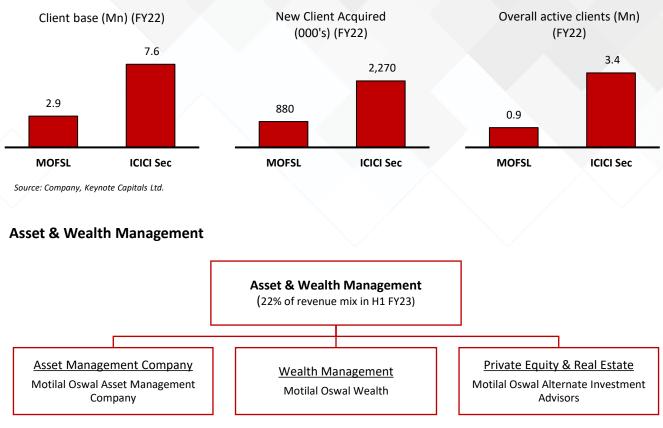




ADTO F&O Market share (%)



MOFSL| Initiating Coverage Report

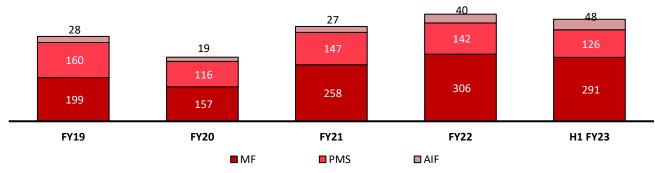


Source: Company, Keynote Capitals Ltd.

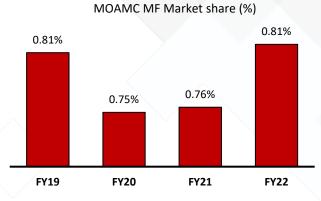
Motilal Oswal Asset Management Company (MOAMC) can be divided into MF, PMS, and AIF. From FY18 to FY22, the revenue of AMC business has grown at a CAGR of ~5%, and AUM has grown at a CAGR of 8%. The Company expanded its presence in international markets in 2016 with the Motilal Oswal India Fund (MOIF) launch.

The Company received strong traction in passive offerings crossing Rs. ~100 Bn AUM in FY22, helping the Company onboard clients new to equity class or with a lower risk appetite. MOAMC launched seven passive funds, including three index funds, three exchange-traded funds (ETFs), and one fund-of-fund (FoF) in Q2 FY23.

Asset Management AUM (Rs. Bn)

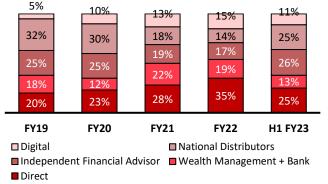


MOFSL| Initiating Coverage Report



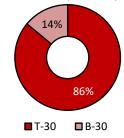
Source: Company, Keynote Capitals Ltd.





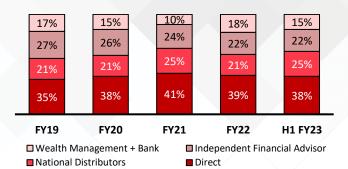
Source: Company, Keynote Capitals Ltd.

MF Monthly Average AUM (MAAUM) Location Mix (H1 FY23)

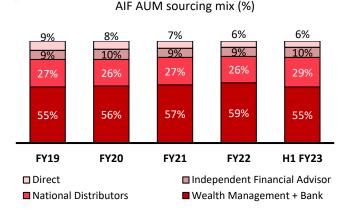


Source: Company, Keynote Capitals Ltd.

MOAMC MF AUM sourcing mix (%)



Source: Company, Keynote Capitals Ltd.



Source: Company, Keynote Capitals Ltd.

Share of Individuals in MFs (H1 FY23)

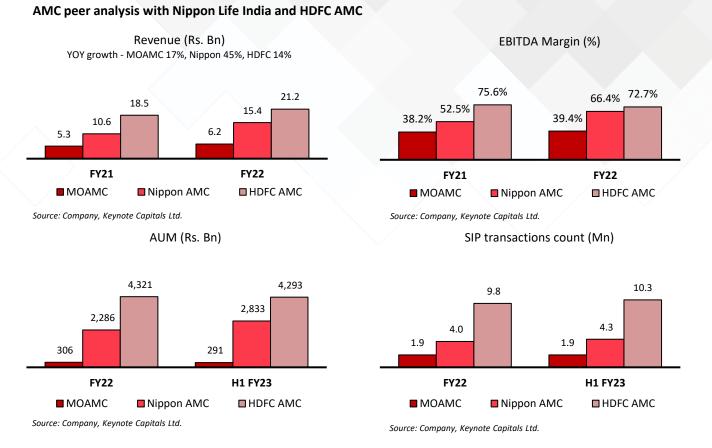


Source: Company, Keynote Capitals Ltd.

Currently, the Company has 19 AIF schemes and 5 PMS schemes in operation and is striving to expand its offerings as it believes this will contribute in increasing net yields. The AMC business operates on a trail-based model nullifying the effect of the upfront fee structure ban, and ~30% of non-MF AUM was performance fee-linked as of FY22.

The growth in AUM is strongly linked to AMC's scheme performance. In the last couple of years, the size of the sales team has increased by nearly 50%, while the AUM has grown by 8% from FY19 to FY22. The benefits of sales team expansion will be visible in the future. The AUM was historically 100% captive (internal), which is now 40% captive and 60% external and is expected to go further down. The Company has been hiring talented individuals to strengthen this business, a recent example being Prateek Agarwal as its Executive Director to lead the business and investment strategy.

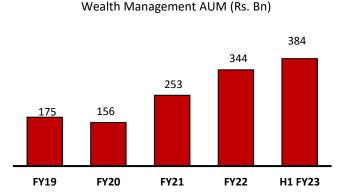
MOFSL| Initiating Coverage Report

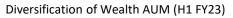


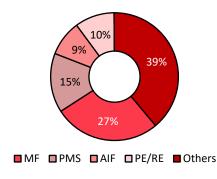
Wealth Management

In the last four years, the revenue of the wealth management business has grown at a CAGR of ~15%, and AUM has grown at a CAGR of ~18%. The Company has ~63% of its AUM in equity instruments with a strong pipeline of products across asset classes, which helps garner high yields providing a cushion in the downturn. The Company has adopted an open architecture model that enables incremental sales to be driven by non-captive products, resulting in more diversified products offering.

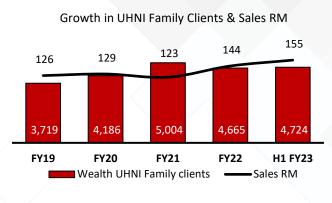
The segment is expected to see some pressure on operating margins in the near term as the Company is onboarding 40-50 Relationship Managers (RMs) with various offerings in FY23. The profitability from RMs is generally visible from the third year onwards, which is expected to increase AUM as productivity builds up.

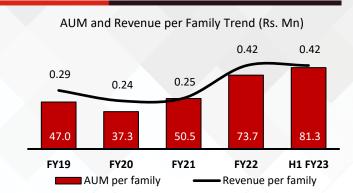




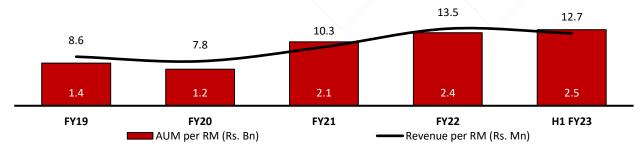


MOFSL| Initiating Coverage Report



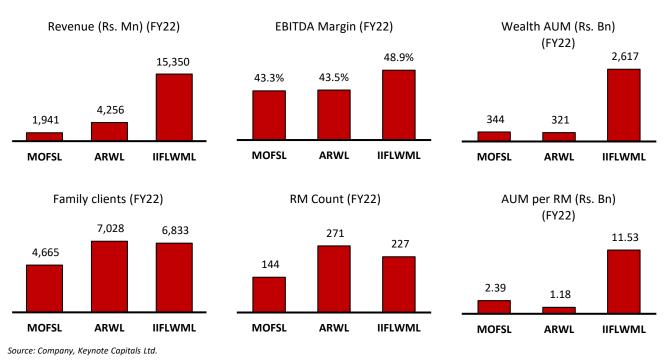


Increasing RM productivity



Source: Company, Keynote Capitals Ltd.

Wealth management peer analysis with Anand Rathi (ARWL) and IIFL Wealth (IIFLWML)



Private Equity & Real Estate

The Company's Private Equity arm, Motilal Oswal Alternate Investment Advisors (MOAIAL), manages growth capital and real estate funds following the philosophy of Quality, Growth, Longevity, And Price (QGLP). Some of the recent private equity investments are Asian Footwears (Rs. 2,250 Mn), Kushal's Retail Pvt Ltd (Rs. 900 Mn), and Pathkind Diagnostics (Rs. 1,944 Mn).

KEYNOTE

The growth capital invests in established mid-market businesses with growth characteristics, mature business models, thematic & structural stories, and a leading market position. It mainly focuses on investments in consumer, financial services, pharmaceutical, and niche manufacturing sectors but remains agnostic for relevant opportunities. The growth funds include - India Business Excellence Fund (IBEF) (Rs. 5.5 Bn), IBEF - II (Rs. 10 Bn), and IBEF - III (Rs. 20 Bn).

The real estate fund partners with credible and reputed developers across India's major cities, investing in mid-income residential projects of developers across real estate classes (residential, commercial, and retail). Real estate funds include - India Realty Excellence Fund (IREF) (Rs. 1.6 Bn in residential projects), IREF-II (Rs. 4.9 Bn) & IREF-III (Rs. 10.3 Bn - counter-cyclical opportunities), IREF-IV (Rs. 11.5 Bn in the major cities through structured equity transactions), and IREF-V (Rs. 8 Bn in post-approval projects in major cities through senior secured lending).

Housing Finance

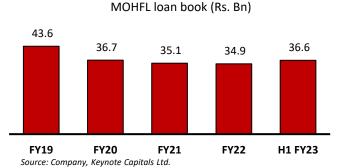
In 2014, the Company diversified in the housing finance division as Aspire Home Finance Corporation Ltd (AHFCL), later renamed Motilal Oswal Home Finance Ltd. (MOHFL). MOHFL's primary focus has been providing home loans to individuals and families for purchase, construction, and house extension. It also provides loans for the repair and renovation to families in the new-to-credit, self-employed, and cash-salaried categories.

Macroeconomic factors like demonetization, RERA, GST, and the absence of the collection engine coupled with the lack of vertical structure led to a surge in NPAs. Thus, the Company rebuilt its housing finance business with a conservative approach in terms of processes, systems, human resources, and structure resulting in a noticeable dip in disbursements and loan book in FY19.

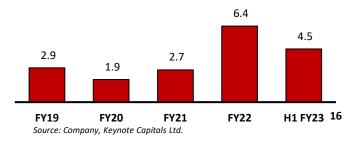
Due to Covid induced lockdown, disbursements remained muted for Q1 FY22. However, it gradually picked up, and the highest monthly disbursement was witnessed in March 2022. During FY22, MOHFL received a commitment of \$50 Mn from the US International Development Finance Corporation, the world's largest financial institution, to provide affordable housing finance to women and low-income group borrowers in India for 15 years at a fixed competitive rate.

The Company invested significantly in technology to reduce operational costs and turnaround time and improve customer experience. MOHFL launched the PMAY portal in FY21, which has benefited its customers.

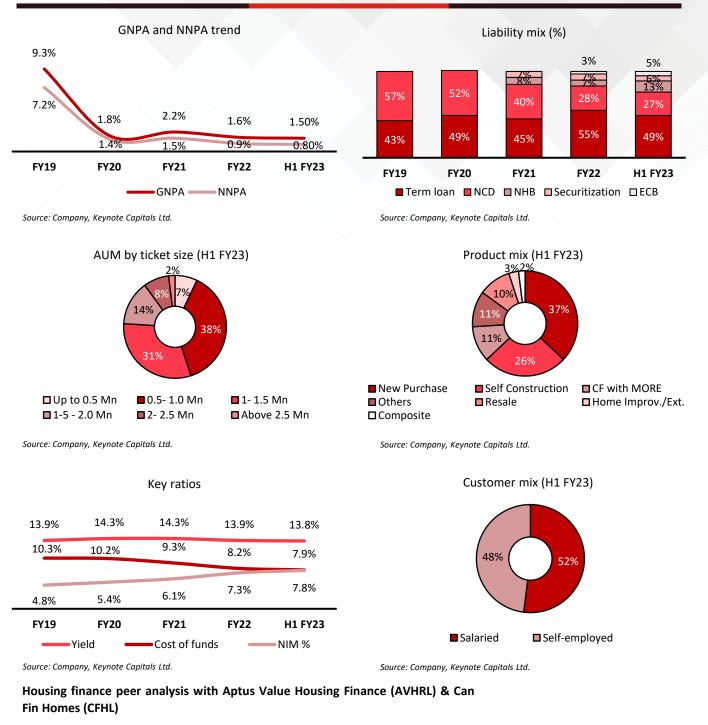
The Company intends to focus its loan book on the self-employed segment, which yields better risk-adjusted returns. MOHFL expects rapid growth in its retail books, with a blend of non-housing books. The Company is evaluating the potential demerge of its housing finance business.

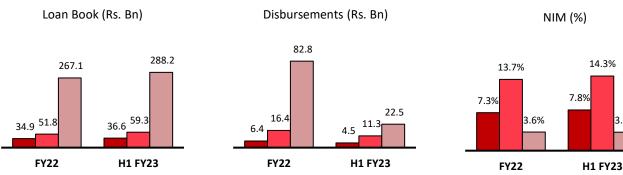












AVHFL

CFHL

MOHFL

Source: Company, Keynote Capitals Ltd.

AVHFL

CFHL

MOHFL

14.3%

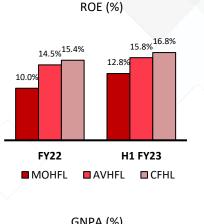
MOHFL

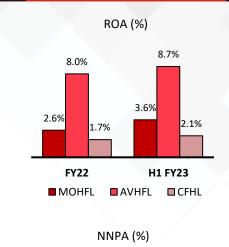
AVHFL

3.6%

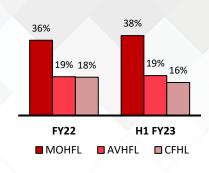
CFHL

MOFSL Initiating Coverage Report





Cost-to-income (%)



GNPA (%)

1.6%

1.2%

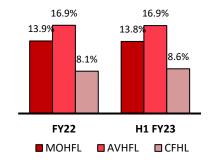
FY22

MOHFL

0.6%



Yield (%)

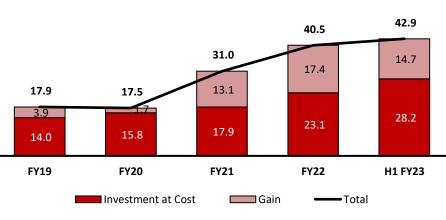


Source: Company, Keynote Capitals Ltd.

AVHFL

Fund-Based Investments

The fund-based investments include sponsor commitments and investments in quoted and private equity funds, real estate funds, and other strategic investments. These investments have helped seed the MOFSL's businesses and can provide liquidity for future business investments. The Company had strategically allocated capital to long-term RoE-enhancing opportunities like MOHFL and sponsor commitments to its MF and PE funds. These investments recorded a 19% cumulative extended internal rate of return (XIRR) on total investments and 27% XIRR on PE/RE investments since inception.

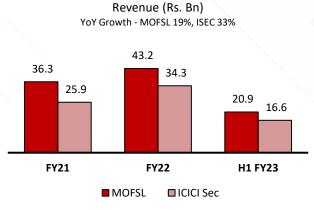


Growth in fund-based investments (Rs. Bn)

MOFSL| Initiating Coverage Report

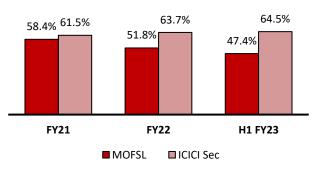
Peer Analysis (Consolidated)

ICICI Securities can be compared to MOFSL, as the business operations are similar. ICICI Securities Limited is engaged in broking (institutional and retail), distribution, merchant banking, private equity, and investment banking services.



Source: Company, Keynote Capitals Ltd.

EBITDA Margin (%)



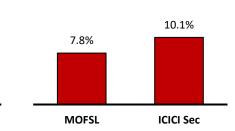
56.9%

ICICI Sec

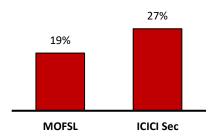
Source: Company, Keynote Capitals Ltd.

ROE % (FY22)

ROA % (FY22)



ROCE % (FY22)



Source: Company, Keynote Capitals Ltd.

23.1%

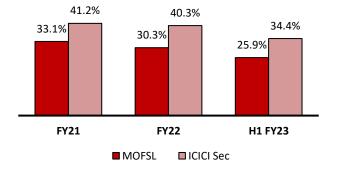
MOFSL

5.6 5.8 3.8 3.0 3.2 3.2 FY21 FY22 H1 FY23 MOFSL ICICI Sec

Total AUM (Rs. Trn)

PAT Margin (%)

Source: Company, Keynote Capitals Ltd.



KEYNOTE

Management Analysis

Key Managerial Personnel

Name	Designation	Qualification	With Company since
Motilal Oswal	MD & CEO	СА	1987
Raamdeo Agarawal	Chairman, NED	СА	1987
Navin Agarwal	MD & CEO (MOAMC), NED	CA, ICWA, CS, CFA	2000
Rajat Rajgarhia	CEO (Institutional equities), WTD	CA, MBA	2001
Vishal Tulsyan	MD & CEO (Private Equity)	СА	2006
Ajay Menon	CEO (Broking & Distribution), WTD	CA	2010
Abhijit Tare	CEO (Investment Banking)	CA	2011
Ashish Shanker	MD & CEO (Private Wealth)	BBM	2012
Shalibhadra Shah	CFO	CA	2006
Kailash Purohit	CS and Compliance Officer	CS	2018
Prateek Agarwal	Executive Director	Bachelor of Engineering, PGDM (Finance & Marketing)	2022

NED is Non-executive director, WTD is Whole-time director Source: Company, Keynote Capitals Ltd.

The senior-level management has been with the Company for an average of 19 years, which gives MOFSL the experience advantage. To strengthen the AMC business, the Company hired Prateek Agarwal to lead the business and investment strategy of MOAMC in October 2022. Prateek Agarwal has 28 years of experience in fund management and equity research. He has worked as Business Head and Chief Investment Officer (CIO) with ASK Investment Managers. Before ASK, he was associated with marquee investment institutions like Bol AXA Mutual fund, BNP Paribas Mutual Fund, and SBI Capital Markets.

Besides this, the Company also hired senior talents for the wealth management segment. Industry Stalwarts like Apurva Kothari, Srinivas Mendu, and Narender Reddy joined the Company at the senior level. All of them have a rich experience of 18+ years in the industry.

Particulars	FY20	FY21	FY22	Q2 FY23
% Promoter Holding	68.76%	70.66%	69.50%	69.57%
Promoter + Senior Management Salary (Rs Mn)	258	192	373	NI / A
Promoter + Senior Management Salary as a % of PAT	7.3%	3.6%	4.6%	N/A

Source: Company, Keynote Capitals Ltd.

Promoter shareholding has been constant, with an average of 69% for the past three years. Promoter and senior-level management salaries have also been within the prescribed ceiling, i.e., within 10% of PAT for promoters and senior managers.

Opportunities for MOFSL

Diversification of business to increase future opportunities

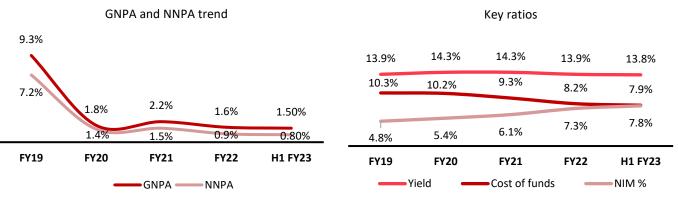
The Company has aptly diversified its business operations to reduce industry risk and expand its business opportunities. In the AMC business, the Company is expected to increase AUM owing to fund performance and the addition of new AUM. The wealth management business will likely benefit from the rise in HNIs and UHNIs. The number of HNIs was 7,96,961 in 2021, which is expected to reach 14,07,287 by 2026, registering a CAGR of 12%, and UHNIs are expected to grow at a CAGR of 7% from 13,637 in CY21 to 19,006 in CY26. Advisory asset management, tax planning, and financial planning have one of the highest demands in the wealth management industry. In the investment banking business, the Company has a strong pipeline of ~25 deals worth ~Rs 200 Bn from industries like BFSI, Auto, Consumer, Healthcare, and Industrials. In 2020, the Company also diversified into the Insurance broking business, which is growing more than 40% YoY in FY22.

Value unlocking in the housing finance segment

The Company entered the housing finance segment to attain diversification but faced difficulties in scaling up for numerous reasons. However, the Company rebuilt its housing finance business with a conservative approach in terms of processes, systems, human resources, and structure resulting in a noticeable dip in disbursements and loan book in FY19. In 2020, MOHFL appointed Arvind Hali as the new MD and CEO and Amar Bahl as the Deputy MD and COO. Both individuals have over 20 years of experience in the industry.

Arvind Hali is responsible for leading the Company's overall strategy, improving operations, and expanding the business. He had previously worked for organizations such as Art Housing Finance, Intec Capital, AU Financiers, Capri Global, Dhanlaxmi Bank, Reliance Capital, Standard Chartered Bank, and GE Countrywide. Amar Bahl has over 21 years of experience in the financial services industry, having previously worked for ART Housing Finance, Reliance Capital, and Reliance Home Finance. He has successfully created over \$1.7 billion in assets under management in housing finance and over \$1.4 billion in commercial finance.

MOHFL has been focusing on increasing its geographic reach by expanding its branches from 73 in FY20 to 108 in H1 FY23. The changes have resulted in constantly improving fundamentals like increasing collection ratio, yields, and NIM, and the decreasing NPAs and cost of funds of the Company.

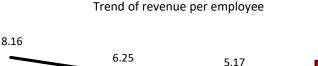


Source: Company, Keynote Capitals Ltd.

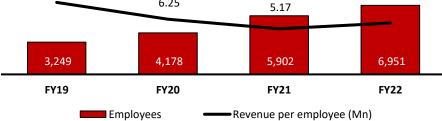
The housing finance industry is expected to grow at ~13% CAGR from FY21- FY27E. In H1FY23, the disbursements of MOHFLs increased by 80% YoY. The management expects to see continued growth in disbursement in the coming quarters. The Company is currently considering the possibility of demerging the housing finance segment in order to unlock its latent value. In the past few years, the Company has significantly improved its housing finance business. With the dedicated team now focused on this business, there is potential for further enhancement in its performance.

Leveraging employees and managerial experience

MOFSL has been expanding its network and has more than doubled its employee count over the last four years. As a result, the revenue per employee has decreased due to the aggressive hiring of relationship managers. As per the Company, the relationship manager starts contributing to the bottom line from the third year. The Company has expanded the AMC distribution network & sales team by nearly 50% in the last two years but has not gained from the same due to market instability in the past few years. Therefore, the performance took a hit, followed by AUM and revenue.



5.83



Source: Company, Keynote Capitals Ltd.

To strengthen the future business prospectus, the Company has hired stalwarts like Prateek Agarwal, Apurva Kothari, Srinivas Mendu, and Narender Reddy at the senior level. Each of these individuals has over 18+ years of experience in the industry. Moreover, the senior-level management team has been associated with the Company for an average of 19 years, leveraging the Company with high experience and maturity in decision-making.

The trend of revenue per employee is expected to increase as many experienced industry stalwarts have been hired at the senior level. Relationship managers and the sales team have been boosted, whose benefits will be evident as the performance revives, followed by increasing AUM, resulting in growth with comfortable margins.

Challenges for MOFSL

Increased competition

The broking industry is facing challenges due to increased competition from discount brokers. MOFSL has announced its intention to continue operating as a traditional broker. However, as the industry moves towards discount brokers, the Company may struggle to retain its customer base and market share if it cannot adapt to these changes.

Macro weakness in equity markets

Weakness in the equity market could impact the Company's financial performance as most of its AUM is invested in equities.

A rise in ETFs would hurt the yield

With rising awareness and preference for passive funds, the contribution of ETFs has also increased tremendously from 2% in FY17 to 11% in FY22. MOFSL received strong traction in passive offerings crossing Rs. ~100 Bn AUM in FY22 and launched seven passive funds. While passive products, such as ETFs and index funds, tend to have lower expense ratios than actively managed funds, the increasing contribution of these products to MOFSL's AUM mix could impact yields for the Company.

Financial Statement Analysis

Income Statement

FY21	FY22	FY23E	FY24E	FY25E
36,251	42,968	46,372	52,575	57,947
90	230	130	130	130
36,341	43,198	46,502	52,705	58,077
	19%	8%	13%	10%
4,303	4,782	5,115	5,481	6,098
6,359	8,929	9,765	10,541	11,035
976	947	465	422	348
6,436	8,676	9,300	10,014	11,035
475	483	465	527	581
2,328	3,225	3,255	3,689	4,646
20,876	27,040	28,366	30,674	33,743
15,465	16,158	18,136	22,031	24,334
-881	-	-	-	-
14,584	16,158	18,136	22,031	24,334
2,555	3,051	4,534	5,508	6,084
12,030	13,107	13,602	16,523	18,251
618	17	233	264	290
12,647	13,125	13,834	16,787	18,541
80.7	88.0	92.8	112.6	124.4
	36,251 90 36,341 4,303 6,359 976 6,436 475 2,328 20,876 15,465 -881 14,584 2,555 12,030 618 12,647	36,251 42,968 90 230 36,341 43,198 19% 19% 4,303 4,782 6,359 8,929 976 947 6,436 8,676 475 483 2,328 3,225 20,876 27,040 15,465 16,158 -881 - 14,584 16,158 2,555 3,051 12,030 13,107 618 17 12,647 13,125	36,251 42,968 46,372 90 230 130 36,341 43,198 46,502 19% 8% 4,303 4,782 5,115 6,359 8,929 9,765 976 947 465 6,436 8,676 9,300 475 483 465 2,328 3,225 3,255 20,876 27,040 28,366 15,465 16,158 18,136 -881 - - 14,584 16,158 18,136 2,555 3,051 4,534 12,030 13,107 13,602 618 17 233 12,647 13,125 13,834	36,251 42,968 46,372 52,575 90 230 130 130 36,341 43,198 46,502 52,705 19% 8% 13% 4,303 4,782 5,115 5,481 6,359 8,929 9,765 10,541 976 947 465 422 6,436 8,676 9,300 10,014 475 483 465 527 2,328 3,225 3,255 3,689 20,876 27,040 28,366 30,674 15,465 16,158 18,136 22,031 -881 - - - 14,584 16,158 18,136 22,031 2,555 3,051 4,534 5,508 12,030 13,107 13,602 16,523 618 17 233 264 12,647 13,125 13,834 16,787

Balance Sheet					
Y/E Mar, Rs. Mn	FY21	FY22	FY23E	FY24E	FY25E
Cash, Cash equivalents & Bank	34,978	53,153	49,610	51,407	51,852
Investments	39,224	46,849	58,228	71,650	86,875
Trade receivables	9,118	10,033	12,331	15,236	18,546
Loans	45,204	49,045	65,078	82,357	1,02,493
Other financial assets	6,816	3,559	4,795	5,765	6,833
PP&E	3,159	3,237	3,768	4,118	4,881
Current tax assets (net)	409	338	411	494	586
Deferred tax assets (net)	754	635	754	906	1,074
Other Intangible assets	344	330	480	576	683
Other non-financial assets	1,162	2,054	2,740	3,130	3,514
Total Assets	1,41,168	1,69,233	1,98,193	2,35,639	2,77,337
Payables	30,257	37,009	44,527	53 <i>,</i> 532	63,448
Debt Securities	34,972	39,688	46,582	53 <i>,</i> 532	61,496
Borrowings	21,956	21,827	23,976	28,825	34,164
Deposits	5	10	14	16	20
Other financial liabilities	5,367	8,380	8,905	10,706	12,690
Current tax liabilities	169	317	274	329	390
Provisions	1,767	2,442	2,740	3,294	3,905
Deferred tax liabilities	1,308	1,880	2,055	2,306	2,733
Other non-financial liabilities	431	675	617	741	879
Share Capital	149	149	149	149	149
Other Equity	44,466	56,595	67,939	81,703	96,907
Non-controlling Interest	323	263	415	504	556
Total Equity & Liabilities	1,41,168	1,69,233	1,98,193	2,35,639	2,77,337

Source: Company, Keynote Capitals Ltd. estimates

Segmental Data					
Y/E Mar, Rs. Mn	FY21	FY22	FY23E	FY24E	FY25
Capital Markets					
Revenue from the segment	17,118	25,373	28,492	33,052	36,771
PAT	2,912	4,897	4,844	5,619	6,251
PAT Margin %	17.0%	19.3%	17.0%	17.0%	17.0%
AMC					
AUM (Bn)	434	490	503	552	605
Revenue from the segment	5,320	6,225	6,191	6,627	7,258
Yield %	1.23%	1.27%	1.23%	1.20%	1.20%
PAT	1,602	1,829	1,795	2,021	2,17
PAT Margin %	30.1%	29.4%	29.0%	30.5%	30.0%
Wealth Management					
AUM (Bn)	253	344	413	495	57
Revenue from the segment	1,271	1,941	2,477	2,972	3,418
Yield %	0.50%	0.56%	0.60%	0.60%	0.60%
PAT	275	594	793	981	1,162
PAT Margin %	21.6%	30.6%	32.0%	33.0%	34.0%
Private Equity					
AUM (Bn)	66	74	81	90	94
Revenue from the segment	998	1,306	1,302	1,433	1,410
Yield %	1.51%	1.76%	1.60%	1.60%	1.50%
PAT	295	431	430	487	472
PAT Margin %	29.6%	33.0%	33.0%	34.0%	33.5%
Housing Finance					
Loan Book (Bn)	35.1	34.9	40.1	46.1	50.
NII	2445	2710	3,006	3,226	3143
NIM %	7.0%	7.8%	7.5%	7.0%	6.2%
Net worth (Mn)	9,095	10,070	11,477	13,154	15,13
PAT	398	929	1,407	1,678	1,97

Valuation Ratios					
Particulars	FY21	FY22	FY23E	FY24E	FY25E
Per Share Data					
EPS	80.7	88.0	92.8	112.6	124.4
Book Value Per Share	301	382	460	552	655
Return Ratios					
Return on Assets (%)	9%	8%	7%	7%	7%
Return on Equity (%)	27%	23%	20%	20%	19%
Return on Capital Employed (%)	18%	17%	15%	15%	14%
Valuation					
PE (x)	-	8	7	6	6
Price to Book (x)	-	1.8	1.5	1.3	1.1

KEYNOTE

SOTP Valuation

Particulars	FY22	FY24E
Capital Market (Broking, Distribution, & IB)		
Revenue (Rs. Mn)	25,373	33,052
PAT (Rs. Mn)	4,897	5,619
PAT Margin (%)	19%	17%
P/E (x)		10
Capital Market – Business Value (Rs. Mn) (1)		56,188
Asset Management	\sim	\sim
Revenue (Rs. Mn)	6,225	6,627
PAT (Rs. Mn)	1,829	2,021
PAT Margin (%)	29%	31%
P/E (x)		20
Asset Management – Business Value (Rs. Mn) (2)		40,423
Private Equity		
Revenue (Rs. Mn)	1,306	1,433
PAT (Rs. Mn)	431	487
PAT Margin (%)	33%	34%
P/E (x)		10
Private Equity – Business Value (Rs. Mn) (3)		4,871
Wealth Management		
Revenue (Rs. Mn)	1,941	2,972
PAT (Rs. Mn)	594	981
PAT Margin (%)	31%	33%
P/E (x)		20
Wealth Management – Business Value (Rs. Mn) (4)		19,616
Housing Segment		
PAT (Rs. Mn)	929	1,678
Book Value (Rs. Mn)	10,070	13,154
P/B (x)		0.8
Housing Segment – Business Value (Rs. Mn) (5)		10,523

KEYNOTE

Particulars	FY22	FY24E	
Investment for MTM			
Investments (Rs. Mn)	4,665		
Debt Ex. Home Loan (Rs. Mn)	2,632		
Net Amount (Rs. Mn)	2,033		
Investment for MTM – Net Value (Rs. Mn) (5)		2,033	
SOTP		$\langle \rangle$	
Total (Rs. Mn) (1+2+3+4+5)		1,33,655	
No. Eq. Shares (Mn)	\sim	149.1	
Target Price (Rs.)		896	
CMP (Rs.)		686	
% Upside/(Downside)		30.6%	

Source: Company, Keynote Capitals Ltd. estimates

SOTP Valuation Summary

Capital Markets

The broking business is the largest contributor to this segment. We expect a 20% growth in the total number of Demat Accounts in India, with an activation rate of 37% in FY23E and 36% in FY24E, resulting in NSE active clients growing at a CAGR of 17% over a period of FY22 to FY24E. We assume MOFSL will maintain a market share of 2.5% in the subsequent year compared to FY22. This resulted in a Brokerage & Income segment revenue growing at a CAGR of 15% from FY22 to FY24E.

Distribution income contributes 8% to the revenue of the capital market segment, growing its AUM by more than 30% in FY22. We anticipate a 15% growth in AUM due to increased competition and online participation, leading to a CAGR of 2% in revenue from FY22 to FY24E.

Overall, the capital market segment is projected to grow at a CAGR of 14% from FY22 to FY24E, with an anticipated average PAT margin of 17%. This is expected to result in a CAGR of 7% in PAT from FY22 to FY24E. We compare this segment with ICICI Securities, which is trading at a TTM PE of 12.4x; since ICICI Securities has a better market share in terms of NSE active client share, we provided a ~20% discount to the TTM PE of ICICI Securities. We assumed 10x PE for the capital market segment arriving at a business value of Rs. 56,188 Mn.

Asset Management

The AMC business includes MF, PMS, and AIF. The MF grew at a CAGR of ~15% from FY19 to FY22. However, in H1 FY23, the MF AUM declined by ~5% compared to H1 FY22. We expect the MF AUM to grow 5% in FY23E and 10% in FY24E due to improved performance and growth in fresh SIP.

In the PMS segment, the AUM declined from Rs. 160 Bn in FY19 to Rs. 142 Bn in FY22, and it further reduced to Rs. 126 Bn in H1 FY23. We anticipate the Company will maintain the AUM of H1 FY23.

The Company AIF business AUM grew by more than 40% in FY22 and further accelerated in H1 FY23, increasing its AUM by ~66% compared to H1 FY22. We expect 40% AUM growth in FY23E and 30% in FY24E.

Considering the above, we expect AMC AUM to grow at a CAGR of 6% from FY22 to FY24E. The yield in the AMC segment is declining, and we expect the trend to continue. This resulted in a revenue CAGR of ~3% from FY22 to FY24E. At the same time, we expect the PAT margin to be slightly better in FY24E compared to FY22 due to improvement in performance and growth in AIF business.

We compared AMC's business with Nippon AMC, trading at a P/E multiple of 25x. Given the better NPM and size of Nippon AMC, we assume a 20% discount on the multiple and value AMC business of MOFSL at 20x arriving at a business value of Rs. 40,423 Mn.

Private Equity

Private Equity AUM has increased by 12% in FY22, and we expect the AUM to grow by 10% in FY23E & FY24E. The average yield in this segment is ~1.65% over FY19 to FY22, and we expect a similar range during FY23E and FY24E. This will likely result in a revenue CAGR of ~5% and a PAT CAGR of 6% during FY23E and FY24E.

Wealth Management

The Company has demonstrated a clear focus on this segment, as evidenced by more than 20% growth in AUM from FY18 to FY22. We expect similar growth in FY23E and FY24E as the Company aggressively hires RMs. In the past five years, the average yield in this segment was approximately 0.60%, and we expect a similar yield in the following years, leading to a 21% YoY growth in revenue. We anticipate a higher profit margin in this segment, resulting in a CAGR of 25% from FY22 to FY24E. We compare this segment with Anand Rathi, trading at a TTM P/E of 20x; given the same NPM, we assume an exact multiple for this segment and arrive at a business value of Rs. 19,616 Mn.

Housing Finance

We are applying a price-to-book ratio of 0.8x to the housing finance segment due to the Company's previous challenges in managing this segment and a YoY decrease of 8% in the loan book from FY19-22. While we have observed signs of improvement in the H1 FY23, supporting the management's assertion that the segment may experience better financial performance in the future.

Our Recent Reports

CGCEL Initiating Coverage Report	KE	YN	10	TE
Crompton Greaves Consumer Electricals L	td. :	L2 ^m D	ec 203	22
Strong Execution Record Affirms Future Growth				
Grouptes Groupes Generate Detrivation 244, (GGG2) in indire's largest meanfanture of lans, with a 20% rearbst share. The Generaty's he size managed to chain a position in the top three players is alread all sugments, narrayly, fam, parapa, lighting, etc., where it is present with its spoton searching capabilities. Recently, GG21 acquired letterty	BUY CMP RL TARGET Company	RL 424	(+22%)	
Gasthimschi Appliances Izd. (RGAL) as a part of its growth strategy and plans to command a meaningful publics in the Mitchen appliances haviness. We initiate movempt on COCIC with a SUP rolling and a target prior of Rs. 424 (based on NOTP valuation for PS240).	ALCAP (R. L C) S Shares (S De High (L	NH)		22000 885 48,002
Amounting Market Share and Maintaining Leadenbip	From Station (*
CGCIL wants to make a position in the top 3 in all product oxingpries that premared the majority market in any consumer basience. As a result of its	(B: 5%)			314
relaxit menution, the Company is a leader in onling fans and residential surrays, with a 28% and 27% market share, respectively. The Company has	Sanhald	ing Patte	10.75	Mar
make its may to the top and sustained its position by triangulating three of the five core strategies. Operational Ecolercor' focuses on inducing more efficiency in the Company, 'Brand Ecolercor' empowers 'Crompton' as a	Pontes	22	52 5.M	22
emonetry in the company; strand societics: empower 'cristigner' as a learni, and 'tertificia facelescer' understands the need of companies and intensides accordingly.	10h	1.0	81.27 41.88	04.00
Additional Source of Roburt Growth - BGAL	Nor-	12.00	51.81	11.0
The factor for Gaudienset is Applications 20 (BGA) apparties in 1722 will be a graph accelerate and crack spacepoints for 16th statistics. CoSEs will enable BGA: to increase its market beyond South India and significantly improve its spaceful graphs for -750 in 1722 in 20%. On the other hand, BGA, will emprove GBS with its hand, a prediction, and B&D facilities built in the litches applicate argument.	CECELVAI		~	ø
organic Growth Far from Education	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	÷.		
SGEL is tapping alternate channels like the nand market and e-corresens, alide account for 12% of revenue an of QLF/23. The Company has employed victo-finance options and 150 channel partners in the nand market. Buildes, NG, GGEL has also referred the large application sub-agrant with products.	Dec, 19	COLLIN Devi, 20	Dec, 23	TY
lie chimneys, distrumbers, etc., which will bring future growth. Apart from - his, the Company is also open to new adjacencies in the future. In addition is these levers, the premiumbation of products across the segments.	Kay From Do Not	cliel Data Filt2	1/216	FIDE
strintes triggers for solid growth.	Rowan	\$2,015	44,640	37,048
aliew & Valuation	SHIDS.	7,815	416	11,556
We initiate coverage on Correspond Greaves Greazerse Electricals Lid, with a NV rating and a target of Bs. 424 (lased on SOTP solutions for FV245). Initrary ranget) driven for the future will be incovering body and by the	Net Pools Tank	1,761	1,124 10,488	1,220
whiting business and potential systempies with BGAL. The Company can target sublicks assum to create value from the acquisition in short to middeern.	ANX IN	185	No.	-
Island execution by the management in the past builds our coefficience that	901(11)	285	306	24%
SEEL will be able to accomplish outstanding work, with BGAL coming under to fold and increasing the Total Addressable Market (TWA) for Italit.	Devis José Devis José	ra, frankr 4, Reinar restricts	ch Analys	





Crompton Greaves

Varun Beverages

Can Fin Homes

Rating Methodology

Rating	Criteria		
BUY	Expected positive return of > 10% over 1-year horizon		
NEUTRAL	Expected positive return of > 0% to < 10% over 1-year horizon		
REDUCE	Expected return of < 0% to -10% over 1-year horizon		
SELL	Expected to fall by >10% over 1-year horizon		
NOT RATED (NR)/UNDER REVIEW (UR)/COVERAGE SUSPENDED (CS)	Not covered by Keynote Capitals Ltd/Rating & Fair value under Review/Keynote Capitals Ltd has suspended coverage		

Disclosures and Disclaimers

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Keynote Capitals Ltd. (KCL) is a SEBI Registered Research Analyst having registration no. INH000007997. KCL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. Details of associate entities of Keynote Capitals Limited are available on the website at https://www.keynotecapitals.com/associate-entities/

KCL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of KCL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

KCL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that KCL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

Details of pending Enquiry Proceedings of KCL are available on the website at https://www.keynotecapitals.com/pending-enquiry-proceedings/

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of KCL or its associates maintains arm's length distance with Research Team as all the activities are segregated from KCL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject KCL & its group companies to registration or licensing requirements within such jurisdictions. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.z

Specific Disclosure of Interest statement for subjected Scrip in this document:

Financial Interest of Research Entity [KCL] and its associates; Research Analyst and its Relatives	NO			
Any other material conflict of interest at the time of publishing the research report by Research Entity [KCL] and its associates;				
Research Analyst and its Relatives				
Receipt of compensation by KCL or its Associate Companies from the subject company covered for in the last twelve months; Managing/co-managing public offering of securities in the last twelve months; Receipt of compensation towards Investment banking/merchant banking/brokerage services in the last twelve months; Products or services other than those above in connection with research report in the last twelve months; Compensation or other benefits from the subject company or third party in connection with the research report in the last twelve months.	NO			
Whether covering analyst has served as an officer, director or employee of the subject company covered	NO			
Whether the KCL and its associates has been engaged in market making activity of the Subject Company	NO			
Whether the Research Entity [KCL] and its associates; Research Analyst and its Relatives, have actual/beneficial ownership of 1% or more securities of the subject company, at the end of the month immediately preceding the date of publication of the research report or date of the public appearance.	NO			

The associates of KCL may have:

-Financial interest in the subject company

-Actual/beneficial ownership of 1% or more securities in the subject company

-Received compensation/other benefits from the subject company in the past 12 months

-Other potential conflicts of interests with respect to any recommendation and other related information and opinions.; however, the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of KCL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

-Acted as a manager or co-manager of public offering of securities of the subject company in past 12 months

-Be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)

-Received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

The associates of KCL has not received any compensation or other benefits from third party in connection with the research report.

Above disclosures includes beneficial holdings lying in demat account of KCL which are opened for proprietary investments only. While calculating beneficial holdings, it does not consider demat accounts which are opened in name of KCL for other purposes (i.e. holding client securities, collaterals, error trades etc.). KCL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by KCL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of KCL. The report is based on the facts, figures and information that are believed to be true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. KCL will not treat recipients as customers by virtue of their receiving this report

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative product as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. KCL, its associates, their directors and the employees may from time to time, effect or have affected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. KCL, its associates, their directors and the employees may from time to time invest in any discretionary PMS/AIF Fund and those respective PMS/AIF Funds may affect or have effected any transaction in for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of KCL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject KCL to any registration or licensing requirement within such jurisdiction.

KEYNOTE

The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt KCL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold KCL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

Keynote Capitals Limited (CIN: U67120MH1995PLC088172)

Compliance Officer: Mr. Jairaj Nair; Tel: 022-68266000; email id: jairaj@keynoteindia.net

Registered Office: 9th Floor, The Ruby, Senapati Bapat Marg, Dadar West, Mumbai – 400028, Maharashtra. Tel: 022 – 68266000.

SEBI Regn. Nos.: BSE / NSE (CASH / F&O / CD): INZ000241530; DP: CDSL- IN-DP-238-2016; Research Analyst: INH000007997

For any complaints email at kcl@keynoteindia.net

General Disclaimer: Client should read the Risk Disclosure Document issued by SEBI & relevant exchanges and the T&C on <u>www.keynotecapitals.com</u>; Investment in securities market are subject to market risks, read all the related documents carefully before investing.