



### PNBHF: Good visibility on loan growth and ability to maintain NIM

We met with the senior management of PNB Housing Finance (PNBHF), represented by Mr. Girish Kousgi, Managing Director and CEO, and Mr. Vinay Gupta, CFO, to discuss the company's business outlook as well as the broader industry landscape. Below are the key takeaways from the interaction.

### Strong momentum in Retail; strategic focus on affordable housing

- PNBHF aims to continue expanding in Retail at 18% in FY26. While 1Q is typically a muted quarter for disbursements across the industry due to seasonal factors, the company expects healthy YoY growth in 1QFY26, driven by a scale-up in affordable and emerging housing. Both affordable and emerging segments together form ~26% of the loan mix, with PNBHF targeting to increase it to ~40% by FY27.
- Management expects the branches opened in 4QFY25 to begin contributing meaningfully from 2HFY26, aligning with the company's strategy to strengthen geographic reach and drive deeper market penetration across key segments. Future growth will involve ongoing branch expansion, with plans to open 50-60 branches annually.
- The company aims to resume corporate disbursements, focusing on small-ticket construction finance (averaging INR1.5b-2b). The resumption of the corporate segment is likely to support improvement in yields and margins. As seen in other large HFCs across the country, the corporate business of construction finance is predominantly to secure retail customers.

### **PNB Housing Finance**



Mr. Girish Kousgi, MD and CEO Mr. Kousgi has over 21 years of experience in the financial services sector. Previously, he was associated with Can Fin Homes, Tata Capital Financial Services, IDFC Bank Limited, and ICICI Bank.

### Endeavor to maintain NIM amid rate reductions with improvement in product mix and CoB benefits

- PNBHF has guided for an NIM of 3.6-3.65% in FY26. Despite a decline in policy rates over the past four months, the company aims to maintain its margins. While it will need to pass on the benefit of lower borrowing costs, the company intends to do so strategically to ensure margin preservation.
- ~67% of the company's borrowings (as of Mar'25) are on floating rates and are expected to be repriced downwards in a declining rate environment. Bank term loans form ~38% of the overall borrowing mix, of which ~40% are linked to repo rates (which are repriced almost immediately), while the balance is linked to banks' MCLR (predominantly 1M and 3M MCLR).
- Unlike some larger HFCs that anticipate margin contraction from 2QFY26 onwards, PNBHF believes its NIM will remain largely stable, though some timing-related impact may be observed. The ability to maintain margins is significantly supported by a changing business mix, particularly the scale-up of affordable and emerging segments, which are expected to generate higher yields and help offset potential negative impacts from overall yield reduction. Within the Prime segment, the company is adopting a case-by-case pricing strategy rather than blanket PLR cuts, supporting yield discipline and enabling competitive positioning while protecting spreads. Further, we believe that the resumption of corporate lending will have a positive impact on yields and blended margins, given the slightly better pricing in this segment.

### Strong growth outlook supported by steady branch expansion; opex to remain range-bound at 1.0-1.1%

The company opened ~50 branches in 4QFY25. While new branches typically take time to start performing and contribute meaningfully, the majority of the openings are already complete, with associated costs largely accounted for. Going forward, the company plans to open 50-60 new branches each year. In FY27, the number of branch openings may be slightly higher, with the benefit of this expansion likely to materialize in FY28. Despite ongoing branch expansion, the company aims to maintain its opex at ~1.0-1.1% of the average assets.

#### Research Analyst: Abhijit Tibrewal (Abhijit.Tibrewal@MotilalOswal.com)

Research Analyst: Nitin Aggarwal (Nitin.Aggarwal@MotilalOswal.com) | Raghav Khemani (Raghav.Khemani@MotilalOswal.com) Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.



PNBHF has significantly expanded its physical branch network over the past two years, growing from 189 branches as of Mar'23 to 356 as of Mar'25. Notably, the branch expansion has been largely focused on the affordable and emerging segments, where the number of branches has more than doubled to 260. Further, the company aims to expand to 500 branches by FY27 (including 300 branches dedicated to the affordable segment).

### Strong capital position with low leverage; no immediate equity requirement

- PNBHF maintains a strong capital base with low leverage, providing adequate room for balance sheet growth without the need for near-to-medium term equity dilution. Management shared that no equity raise is planned over the next 2-3 years, as the existing capital buffer is sufficient to support the company's growth ambitions.
- The company's long-term aim is to achieve an RoA of ~2.5-2.6% without relying on credit cost write-backs, with increased leverage supporting a 15%+ ROE.

### Smooth leadership transition in affordable housing segment

- Following the exit of Anujai Saxena (Business Head Affordable housing), the responsibilities have been seamlessly absorbed by the existing senior leadership, ensuring continuity in strategic oversight. The company shared that it does not foresee any need for a replacement for his role.
- Sales and collections in affordable housing finance are led by Ms. Valli Sekar, while the underwriting and product functions continue to be managed by PNBHF's seasoned in-house leaders. The company stated that the departure of a key team member from the affordable housing team has had no impact, citing a strong bench, robust structure, and dedicated heads for credit, legal, technical, and sales.

### Recoveries from written-off pool to sustain in FY26; credit costs to remain benign

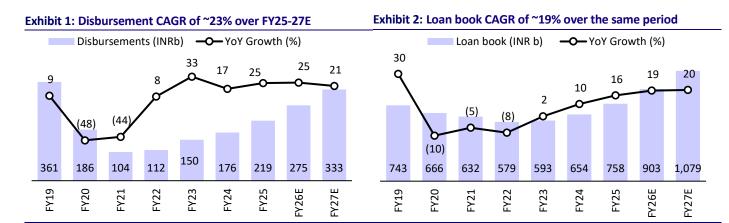
- PNBHF has shown consistent improvement in asset quality, with GS3 declining to ~1.1% as of Mar'25.
  Management shared that it will strive to maintain GS3 levels around the 1% mark going forward.
- Despite shifting to higher-yielding and riskier segments—such as self-employed/informal salaried customers and a rising share of non-housing loans in its product mix, the company is confident of maintaining credit costs at ~25bp on a steady-state basis (excluding any recoveries from the written-off pool). Furthermore, bounce rates and early warning indicators in the affordable housing segment have been encouraging, with GNPA in this segment at just ~0.2% as of Mar'25.
- For FY26, credit costs are expected to remain negative or show write-backs. This is largely due to recoveries from both corporate and retail pools. The company has a written-off pool of ~INR10b in the corporate segment and ~INR4b in the retail segment. However, these write-backs will diminish by 2HFY27. We model credit costs of -10bp in FY26E and 20bp in FY27E.

### Valuation and view: Long-term strategic focus remains on margin and RoE expansion

- PNBHF's long-term strategy focuses on: a) deepening affordable housing penetration through branch-led sourcing, b) maintaining pricing discipline to protect NIMs, c) driving operating leverage via productivity improvements, and d) scaling up cautiously in corporate lending to boost blended yields.
- The company targets branch expansion for FY26-27, along with 4%+ NIMs (by end-FY27) and 15%+ RoE (within 2-3 years), through strategic capital deployment and operating efficiency gains.
- PNBHF is strategically focused on maintaining profitability through disciplined margin management, driven by a strategic shift toward higher-yielding affordable and emerging housing segments, coupled with a cautious resumption of corporate disbursements. Its commitment to controlled growth (~18% Retail loan growth) and prudent asset quality management positions it favorably.
- We expect PNBHF to deliver a healthy ~19% CAGR in the loan book and ~18% CAGR in PAT over FY25-27, with an RoA/RoE of 2.5%/13.3% by FY27. The company trades at 1.4x FY27E P/BV and the risk-reward is favorable for a further re-rating in the valuation multiple as investors gain more confidence in its sustained execution in retail (both emerging and affordable segments). Reiterate BUY with a TP of INR1,300 (based on 1.6x Mar'27 P/BV).
- Key risks: 1) sustained NIM contraction due to heightened competitive intensity from banks and other large HFCs, 2) any senior management exits, and 3) while not imminent, the RBI's October 4 draft circular on bank ownership in group NBFCs could potentially lead to a further reduction in PNB's stake in PNBHF.



### Story in charts

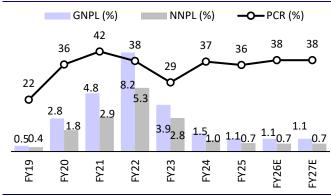


### Exhibit 3: Expect spreads to improve to ~2.9% by FY27

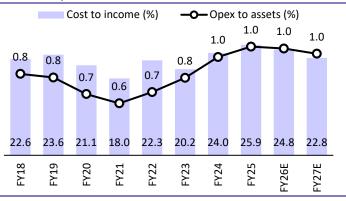
-O-Yield (%) -O-Cost of borrowings (%) -O-Spreads (%)

10.2 O	10.1	10.6 <b>0</b>	10.9 - <b>0</b> -	9.7	10.6	10.7 	10.5 <b>0</b>	10.2	10.3 <b>0</b>
7.9 2.3	8.2 1.9	8.4 2.1	8.0	7.2	7.3	7.8	7.8	7.5	7.3
	-0-	_0_	2.9	2.4	3.3	2.9	2.7	2.7	2.9
FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E

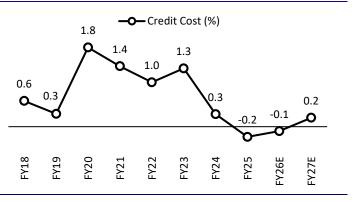
### Exhibit 5: Asset quality to remain range-bound



### Exhibit 4: Opex-to-assets ratio to remain stable over FY26-27

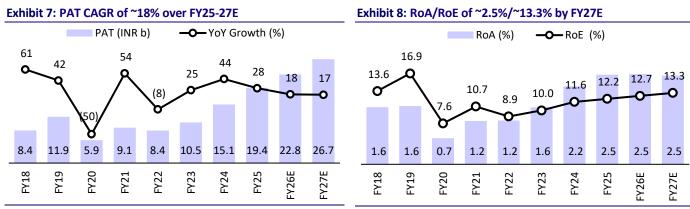


### Exhibit 6: Expect credit costs to remain benign in FY26 as well





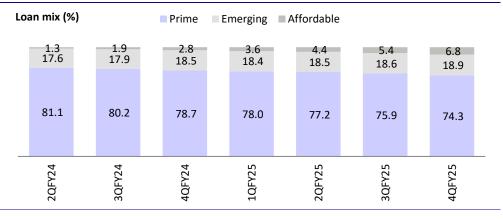
# Corner Office



Source: MOFSL, Company

Source: MOFSL, Company

#### Exhibit 9: Shares of emerging and affordable segments continue to rise

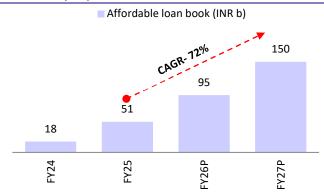


over the last two years

Affordable

loan mix (%)

# Exhibit 10: Based on company's guidance, the affordable loan book is likely to post a ~70% CAGR over FY25-27



## 27 26 28 30 29 31 29

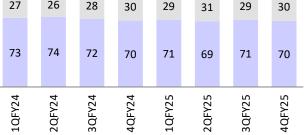


Exhibit 11: Share of non-housing loans rose from ~27% to 30%

Individual housing loan Non housing loan

Source: MOFSL, Company

Source: MOFSL, Company; Note: 'P' denotes PNBHF's management guidance



# Corner Office

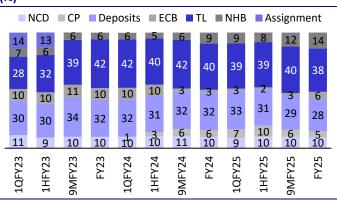
3.9

FY26E

4.0

FY27E

# Exhibit 12: Deposits account for ~28% of overall borrowings (%)



Source: MOFSL, Company



FY22

3.3

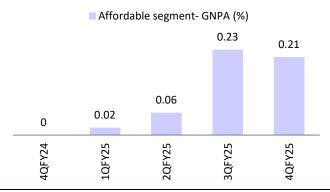
FY21

2.6

FY20

3.0

Exhibit 14: GNPA in the affordable segment is best-in-class, though the affordable book is arguably yet to season



Source: MOFSL, Company

# segment

FY23

Exhibit 13: Margins to remain broadly stable in FY26

4.1

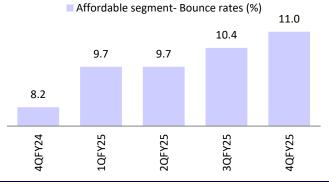
NIM (%)

4.1

FY24

3.9

FY25



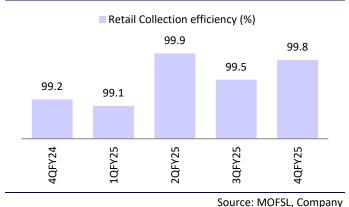
Source: MOFSL, Company

### Exhibit 16: 30+dpd in the affordable segment remains rangebound



Source: MOFSL, Company

### Exhibit 17: YoY improvement in retail collection efficiency





30

20

10

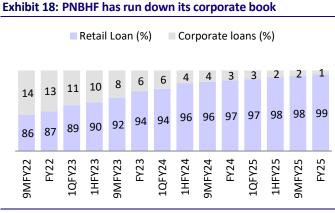
0

Nov-16

May-18 Jan-19 Oct-19 Jun-20

Aug-17

# Corner Office



Source: MOFSL, Company

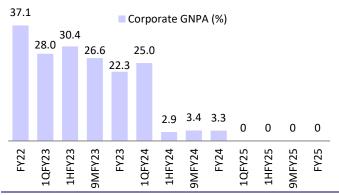
11.6

Jun-25

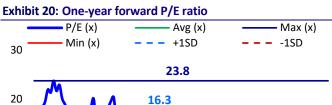
Sep-24

Jan-24

Exhibit 19: Corporate GNPA has been NIL over the last four quarters



Source: MOFSL, Company



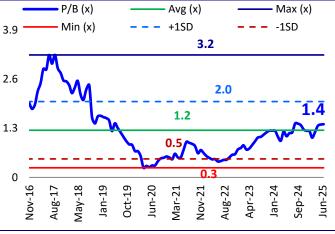
11.1

2.5

Mar-21

5.8

Exhibit 21: One-year forward P/B ratio



Sources: MOFSL, company reports

Aug-22 Apr-23

Nov-21

Sources: MOFSL, company reports



## **Financials and valuations**

Income statement									(INR M)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E
Interest Income	67,929	76,882	71,898	58,220	61,991	67,422	72,737	84,424	1,01,642
Interest Expended	51,664	58,750	50,998	40,645	38,985	42,611	45,514	52,106	61,671
Net Interest Income	16,265	18,133	20,901	17,575	23,006	24,811	27,223	32,318	39,971
Change (%)	7.7	11.5	15.3	-15.9	30.9	7.8	9.7	18.7	23.7
Other Operating Income	8,904	8,013	4,343	3,787	3,306	3,149	4,179	5,489	7,040
Net Income	25,169	26,146	25,243	21,363	26,311	27,960	31,402	37,807	47,011
Change (%)	28.9	3.9	-3.5	-15.4	23.2	6.3	12.3	20.4	24.3
Operating Expenses	5,935	5,522	4,554	4,760	5,313	6,710	8,130	9,378	10,736
Operating Income	19,234	20,624	20,689	16,603	20,998	21,250	23,272	28,429	36,275
Change (%)	27.3	7.2	0.3	-19.7	26.5	1.2	9.5	22.2	27.6
Provisions/write offs	1,890	12,514	8,619	5,764	7,389	1,711	-1,585	-825	1,981
РВТ	17,344	8,110	12,070	10,840	13,609	19,539	24,858	29,254	34,293
Extraordinary Items	0	0	0	0	0	0	0	0	0
Reported PBT	17,344	8,110	12,070	10,840	13,609	19,539	24,858	29,254	34,293
Тах	5,429	2,201	2,978	2,475	3,149	4,459	5,496	6,436	7,544
Tax Rate (%)	31.3	27.1	24.7	22.8	23.1	22.8	22.1	22.0	22.0
DTL on Special Reserve									
Reported PAT	11,915	5,909	9,092	8,365	10,460	15,080	19,361	22,818	26,749
Change (%)	41.7	-50.4	53.9	-8.0	25.0	44.2	28.4	17.9	17.2
PAT adjusted for EO	11,915	5,909	9,092	8,365	10,460	15,080	19,361	22,818	26,749
Change (%)	41.7	-50.4	53.9	-8.0	25.0	44.2	28.4	17.9	17.2
Proposed Dividend	1,809	0	0	0	0	0	1,300	3,902	4,574
Balance sheet									(INR M)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E

Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E
Capital	1,675	1,682	1,683	1,686	1,689	2,597	2,599	2,599	2,599
Reserves & Surplus	73,764	78,296	87,548	97,030	1,08,448	1,47,147	1,66,032	1,87,550	2,10,397
Net Worth	75,439	79,978	89,230	98,716	1,10,137	1,49,744	1,68,631	1,90,150	2,12,996
Borrowings	7,18,589	6,77,351	5,93,925	5,30,050	5,36,211	5,50,166	6,23,096	7,62,697	9,22,317
Change (%)	33.6	-5.7	-12.3	-10.8	1.2	2.6	13.3	22.4	20.9
Other liabilities	44,662	31,969	30,767	28,530	15,795	24,138	33,476	35,150	36,908
Total Liabilities	8,38,690	7,89,297	7,13,922	6,57,296	6,62,143	7,24,049	8,25,204	9,87,996	11,72,220
Loans	7,42,879	6,66,280	6,06,447	5,53,359	5,78,398	6,41,082	7,46,453	9,02,600	10,78,733
Change (%)	30.0	-10.3	-9.0	-8.8	4.5	10.8	16.4	20.9	19.5
Investments	45,607	20,757	20,448	34,827	31,963	43,460	33,809	37,190	40,909
Change (%)	89.0	-54.5	-1.5	70.3	-8.2	36.0	-22.2	10.0	10.0
Net Fixed Assets	1,083	1,353	1,056	935	839	989	1,222	1,283	1,347
Other assets	49,122	1,00,906	85,971	68,175	50,943	38,517	43,719	46,924	51,231
Total Assets	8,38,690	7,89,297	7,13,922	6,57,296	6,62,143	7,24,049	8,25,204	9,87,996	11,72,220

E: MOFSL Estimates





Ratios									(%)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E
Spreads Analysis (%)									
Avg yield on loans	10.1	10.6	10.9	9.7	10.6	10.7	10.5	10.2	10.3
Avg. cost of funds	8.2	8.4	8.0	7.2	7.3	7.8	7.8	7.5	7.3
Interest Spread	1.9	2.1	2.9	2.4	3.3	2.9	2.7	2.7	2.9
NIM on loans	2.5	2.6	3.3	3.0	4.1	4.1	3.9	3.9	4.0
Profitability Ratios (%)							-		
RoE	16.9	7.6	10.7	8.9	10.0	11.6	12.2	12.7	13.3
RoA	1.6	0.7	1.2	1.2	1.6	2.2	2.5	2.5	2.5
Int. Expended/Int.Earned	76.1	76.4	70.9	69.8	62.9	63.2	62.6	61.7	60.7
Other Inc./Net Income	35.4	30.6	17.2	17.7	12.6	11.3	13.3	14.5	15.0
Efficiency Ratios (%)							_		
Op. Exps./Net Income	23.6	21.1	18.0	22.3	20.2	24.0	25.9	24.8	22.8
	23.0 51.2	42.2	46.4		20.2 50.1	24.0 50.3	23.9 51.8	24.8 52.6	
Empl. Cost/Op. Exps.	51.2	42.2	40.4	45.5	50.1	50.3	51.8	52.0	53.3
Asset Quality (INR m)									
Gross NPA	3,549	18,562	29,990	47,062	22,714	9,840	8,160	9,653	11,458
GNPA ratio	0.5	2.8	4.8	8.2	3.9	1.5	1.1	1.1	1.1
Net NPA	2,784	11,838	17,500	29,312	16,184	6,160	5,220	5,985	7,104
NNPA ratio	0.4	1.8	2.9	5.3	2.8	1.0	0.7	0.7	0.7
CAR	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
VALUATION	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26E	FY27E
Book Value (INR)	450	476	530	586	652	577	649	732	819
BVPS Growth YoY	14.3	5.6	11.5	10.4	11.4	-11.6	12.5	12.8	12.0
Price-BV (x)			2.0	1.8	1.6	1.9	1.6	1.5	1.3
EPS (INR)	71.1	35.1	54.0	49.6	61.9	58.1	74.5	87.8	102.9
EPS Growth YoY	40.9	-50.6	53.8	-8.2	24.9	-6.3	28.3	17.9	17.2
Price-Earnings (x)		30.4	19.8	21.5	17.2	18.4	14.3	12.2	10.4
Dividend per share (INR)	9.0	0.0	0.0	0.0	0.0	0.0	5.0	15.0	17.6
Dividend yield (%)			0.0	0.0	0.0	0.0	0.5	1.4	1.6

E: MOFSL Estimates

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.



Explanation of Investment Rating							
Expected return (over 12-month)							
>=15%							
< - 10%							
< - 10 % to 15%							
Rating may undergo a change							
We have forward looking estimates for the stock but we refrain from assigning recommendation							

In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

#### Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations). Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, 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. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL),NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf MOFSL 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 MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report. MOFSL 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 MOFSL 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 Motilal Oswal Financial Services Limited are available on the website at

#### https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

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 MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL 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 MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

#### For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong. For U.S.

### Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the"1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission

("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement. The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer,

MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

#### Nainesh Rajani Email: nainesh.raiani@motilaloswal.com

Contact: (+65) 8328 0276

#### Specific Disclosures

- Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies). MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes.
- Nature of Financial interest is holding equity shares or derivatives of the subject company Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately
- 2. preceding the date of publication of Research Report.
- MOFSL has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report:No
- Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months. 3.
- MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- 4 Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.
- MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- Research Analyst has not served as an officer, director or employee of subject company(ies). 5
- 6. MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.
- MOFSL has not received compensation for investment banking /merchant banking/brokerage services from the subject company(ies) in the past 12 months. 7.
- MOFSL may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) 8 in the past 12 months.
- 9 MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
- 10. MOFSL has not engaged in market making activity for the subject company.
- The associates of MOFSL may have:

financial interest in the subject company

actual/beneficial ownership of 1% or more securities in 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. received compensation/other benefits from the subject company in the past 12 months





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 MOFSL 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.

Served subject company as its clients during twelve months preceding the date of distribution of the research report.

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

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL 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 MOFSL 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 MOFSL. The report is based on the facts, figures and information that are considered 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 may receive this report at the same time. MOFSL 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 products 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. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or 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 MOFSL. 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 MOFSL to any registration or licensing requirement within such jurisdiction. 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 MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees. 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. This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

### Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products. Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to

grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.