

India

HOLD (no change)

Consensus ratings*:	Buy 3	Hold 1	Sell 1
Current price:	Rs110		
Target price:	Rs115		
Previous target:	Rs115		
Up/downside:	4.5%		
InCred Research / Consensus:	2.0%		
Reuters:	BOI.NS		
Bloomberg:	BOI IN		
Market cap:	US\$5,878m	Rs501,795m	
Average daily turnover:	US\$12.5m	Rs1066.0m	
Current shares o/s:	114.8m		
Free float:	26.6%		

*Source: Bloomberg

Key changes in this note

- We revisit our estimates to build margin factoring in a ~50bp repo rate cut.
- We cut the risk-free rate by 25bp.
- We introduce FY28F estimates.



Source: Bloomberg

Price performance	1M	3M	12M
Absolute (%)	3.2	3.8	(20.7)
Relative (%)	(2.3)	(0.5)	(27.5)

Major shareholders	% held
PRESIDENT OF INDIA	73.4
LIC	8.0
SBI Funds	1.9

Research Analyst(s)



Bhavik SHAH
 T (91) 22 4161 1551
 E bhavik.shah@incredresearch.com

Rishabh JOGANI
 T (91) 22 4161 1569
 E rishabh.jogani@incredresearch.com

Bank of India

Weak NIM; PAT beat on non-core income

- Bank of India or Bol's 4QFY25 PAT beat was due to strong recovery from written-off accounts and treasury gains while the core performance was weak.
- Bol's weak margin and low on-B/S liquidity keeps us skeptical on its operating performance in a challenging environment. Leverage is also lower vs. peers.
- Our TP stays unchanged at Rs115 (a 5% upside), implying 0.6x target multiple on FY27F. Risk-reward appears balanced, with valuation at 0.6x FY27F BV.

Weak core performance; PAT beat on strong recovery from w/off a/cs

Bank of India or Bol reported 4QFY25 PAT of Rs26.3bn (1% annualized RoA), beating street estimate, mainly led by strong recovery from written-off accounts (Rs11bn vs. Rs3.9bn last quarter) and treasury gains (Rs7bn vs. Rs2.7bn, includes Rs2bn of reversal on account of government security receipts or SRs). Core performance was weak, owing to a miss on the margin front (down by ~20bp QoQ to 2.6%) and higher-than-expected staff costs (Rs29bn vs. Rs24bn, led by the PLI benefit of Rs3.8bn) while core fee income was healthy (+21% YoY; +5% QoQ). Surprisingly, NII was flat QoQ despite sharp margin decline (of ~20bp), implying avg. balance sheet growth of ~7% QoQ (+14% YoY). Management noted that the margin decline was owing to lower yield (down 28bp QoQ) and the impact of repo rate cut. Also, a material share of loans was underwritten in the second half of the quarter. Deposits grew by 14% YoY (+2% QoQ). Avg. LCR stood at 122-125%.

Uptick in slippage led by agri/SME loans – partly technical in nature

Gross slippage increased QoQ (1.4% annualized vs. 0.8%) led by higher slippage in agri and SME loan segments (partly technical in nature). Healthy recovery & upgrades (Rs20bn vs. Rs14bn) and write-offs (Rs23bn vs. Rs31bn) led to a decline in GNPA's (down 10% QoQ). The GNPA ratio moderated QoQ (3.27% vs. 3.69%). Credit costs inched up QoQ (83bp vs. 20bp), which partly helped maintain the PCR at ~75% (vs. 78% last quarter). We note that much of the write-off was in the MSME segment during the quarter (absolute GNPA's down at Rs75bn vs. Rs102bn). The provision against these accounts could have been stepped up during the quarter before writing off (given elevated credit). Management noted that out of the total reversal on account of government SRs (i.e. ~Rs4bn), ~50% has been through the credit cost line (i.e. upgrades/recovery in the NPA schedule).

The risk-reward ratio appears balanced despite cheap valuation

Bol's low-on balance sheet liquidity keeps us skeptical on its volume growth outcome in the current environment. The leverage is also lower vs. peers (given the CET-1 ratio at ~15%). We expect RoA to moderate to 0.75-0.8% in FY26F-27F, from 0.9% in FY25F. RoE to decline to ~10% in FY26F-27F, from 12.5% in FY25F. The risk-reward ratio appears balanced, despite cheap valuation (at 0.6x FY27F BV). We have retained our HOLD rating on the stock with an unchanged target price of Rs115. Downside risks: Lower-than-expected loan/deposit growth, higher delinquencies in retail/MSME portfolios, & higher-than-expected growth in costs. Upside risks: Lower-than-expected credit costs, higher-than-expected margin outcome, and stronger-than-expected loan/deposit growth.

Financial Summary

	Mar-24A	Mar-25A	Mar-26F	Mar-27F	Mar-28F
Net Interest Income (Rsm)	230,529	243,933	265,428	313,548	359,192
Total Non-Interest Income (Rsm)	60,949	89,939	78,575	75,632	79,196
Operating Revenue (Rsm)	291,478	333,872	344,003	389,180	438,388
Total Provision Charges (Rsm)	(39,695)	(39,777)	(50,513)	(52,963)	(59,609)
Net Profit (Rsm)	63,179	92,187	83,501	101,930	118,747
Core EPS (Rs)	13.88	20.25	18.34	22.39	26.08
Core EPS Growth	42%	46%	(9%)	22%	16%
FD Core P/E (x)	7.94	5.44	6.01	4.92	4.23
DPS (Rs)	2.80	4.05	3.67	4.48	5.22
Dividend Yield	2.54%	3.67%	3.33%	4.06%	4.73%
BVPS (Rs)	151.3	172.6	186.9	205.6	227.2
P/BV (x)	0.73	0.64	0.59	0.54	0.49
ROE	9.9%	12.5%	10.2%	11.4%	12.1%
% Change In Core EPS Estimates					
InCred Research/Consensus EPS (x)					

SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 1: Quarterly earnings summary

Rs m	4QFY24	3QFY25	4QFY25	YoY (%)	QoQ (%)
Net Interest Income	59,359	60,703	60,627	2%	0%
Other Income	17,513	17,464	34,276	96%	96%
--Core Fee	4,620	5,300	5,590	21%	5%
--Treasury Income	3,800	2,660	7,110	87%	167%
--Misc. Income	9,093	9,504	21,576	137%	127%
-----o/w Recovery from w/off Accounts	3,880	3,910	11,430	195%	192%
Total income	76,872	78,167	94,903	23%	21%
--Core Revenue	63,979	66,003	66,217	3%	0%
Operating Expenses	41,301	41,141	46,055	12%	12%
--Staff Expenses	25,436	24,414	28,822	13%	18%
--Other Operating Expenses	15,865	16,728	17,233	9%	3%
Operating Profit	35,572	37,026	48,848	37%	32%
--Core PPOP	22,678	24,862	20,162	-11%	-19%
Provisions	18,260	3,037	13,377	-27%	340%
PBT	17,312	33,989	35,472	105%	4%
Tax	2,923	8,822	9,213	215%	4%
PAT	14,389	25,167	26,259	82%	4%
EPS	3	6	6		
Advances	5,631,447	6,328,685	6,496,570	15%	3%
Deposits	7,379,202	7,947,881	8,165,415	11%	3%
LD Ratio	76%	80%	80%		
CASA Ratio	37%	35%	34%		
Margins (%)	2.92	2.80	2.61	-0.31	-0.19
Overall provisions (in bp)	132	20	83		
---Credit cost (in bp)	138	20	83		
-----NPA provisions	148	39	84		
GNPA	291,828	240,485	217,489	-25%	-10%
GNPA Ratio (%)	4.98%	3.69%	3.27%		
NNPA	68,453	54,101	53,585	-22%	-1%
NNPA Ratio (%)	1.22	0.85	0.82		
PCR	223,375	186,384	163,904	-27%	-12%
PCR Ratio (%)	77%	78%	75%		
Slippage	20,380	11,050	20,080	-1%	82%
--% of trailing loans	1.7%	0.8%	1.4%		
CET-1 Ratio (%)	14.2%	14.4%	14.8%		
RoA	0.6%	1.0%	1.0%		
RoE	13.5%	16.5%	16.4%		

SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 2: Our revised earnings estimates

Rs bn	New Estimates			Old Estimates			Change	
	FY25	FY26F	FY27F	FY28F	FY26F	FY27F	FY26F	FY27F
Net Interest Income	244	265	314	359	256	302	4%	4%
--Growth YoY	6%	9%	18%	15%	5%	18%		
Non-Interest Income	90	79	76	79	62	64	26%	17%
--Growth YoY	48%	-13%	-4%	5%	-19%	3%		
Total Income	334	344	389	438	318	366	8%	6%
--Growth YoY	15%	3%	13%	13%	-1%	15%		
Opex	170	182	200	220	183	202	-1%	-1%
--Growth YoY	13%	7%	10%	10%	10%	10%		
PPOP	164	162	189	218	135	165	20%	15%
--Growth YoY	17%	-1%	17%	15%	-12%	22%		
Provision	40	51	53	60	50	53	0%	0%
--as a % of Avg. Loans	66	73	68	68	73	68		
PBT	124	111	136	158	85	112	32%	22%
Tax	32	28	34	40	21	28	-24%	-18%
PAT	92	84	102	119	63	84	32%	22%
--Growth YoY	46%	-9%	22%	16%	-26%	32%		
Advances	6,497	7,276	8,189	9,216	7,265	8,177	0%	0%
--Growth YoY	15%	12%	13%	13%	12%	13%		
Deposits	8,165	9,145	10,243	11,472	9,174	10,275	0%	0%
--Growth YoY	11%	12%	12%	12%	12%	12%		
Book Value	173	187	206	227	178	193	5%	6%
--Growth YoY	14%	8%	10%	11%	6%	9%		
EPS	20	18	22	26	14	18	32%	22%
--Growth YoY	36%	-9%	22%	16%	-26%	32%		

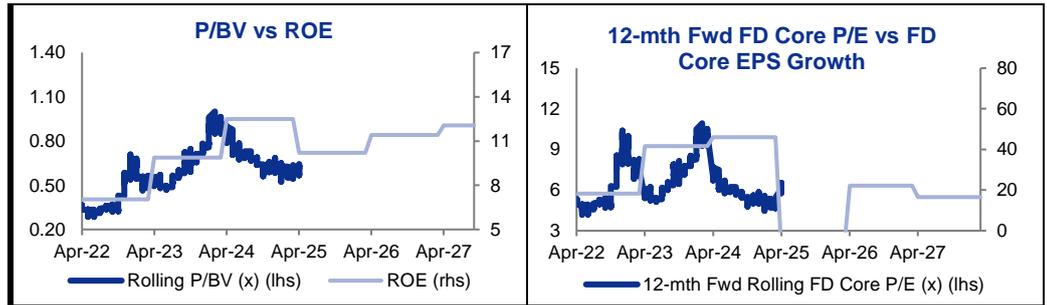
SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 3: Financial summary

Bank of India					Per Share Data and Valuations				
Profit and Loss Statement					Year-end Mar				
Rsm (Year-end Mar)	FY25	FY26F	FY27F	FY28F	FY25	FY26F	FY27F	FY28F	
Interest Income	708,263	768,868	863,639	975,295	Per Share Data (Rs)				
Interest Expense	464,330	503,439	550,092	616,103	EPS	20.2	18.3	22.4	26.1
Net Interest Income	243,933	265,428	313,548	359,192	Book Value	173	187	206	227
---Fee Income	19,943	21,937	24,131	26,544	Core Op. Profit	20.7	23.1	30.2	36.3
---Forex Income	4,310	5,172	5,689	6,258	DPS	4.1	3.7	4.5	5.2
---Capital Gains	18,730	12,000	12,000	10,000	Valuations				
---Miscellaneous Inc.	46,956	39,466	33,812	36,393	PE	5.5	6.0	4.9	4.2
Total Non-Interest Income	89,939	78,575	75,632	79,196	Price to Book	0.6	0.6	0.5	0.5
Total Operating Income	333,872	344,003	389,180	438,388	Price to Core Op. Profit	5.3	4.8	3.7	3.0
---Employee Exp	102,996	107,009	115,724	125,310	Dividend Yield	3.7%	3.3%	4.1%	4.7%
---Other Expenses	66,759	75,061	84,444	95,000	Ratio Analysis				
Total Operating Expenses	169,755	182,071	200,168	220,310	(Year-end Mar)				
Operating Profit	164,117	161,932	189,012	218,078	Spread Analysis				
---Loan Loss Provisions	45,927	47,894	49,904	56,163	Average yield on assets	7.5%	7.1%	7.1%	7.2%
---Other Provisions	-6,151	2,618	3,059	3,446	Cost of earning assets	4.9%	4.7%	4.5%	4.5%
Total provisions	39,777	50,513	52,963	59,609	Net Interest Margin (Reported)	2.8%	2.7%	2.8%	2.9%
Profit Before Tax	124,341	111,420	136,049	158,469	Growth Ratios				
Provision for Tax	32,154	27,919	34,119	39,722	Net Interest Income	6%	9%	18%	15%
Net Profit	92,187	83,501	101,930	118,747	Non Interest Income	48%	-13%	-4%	5%
Core Operating profit	94,121	105,295	137,510	165,426	Operating expenses	13%	7%	10%	10%
Balance Sheet Data					Core Operating Profit	-3%	12%	31%	20%
Rsm (Year-end Mar)	FY25	FY26F	FY27F	FY28F	Net Profit	46%	-9%	22%	16%
Shareholders' equity	786,014	850,912	936,142	1,034,503	EPS	36%	-9%	22%	16%
Deposits	8,165,415	9,145,265	10,242,696	11,471,820	Deposits	11%	12%	12%	12%
Borrowings	1,238,564	1,387,192	1,553,655	1,740,094	Advances	15%	12%	13%	13%
Other Liabilities & Prov.	235,826	426,286	477,440	534,733	Total Assets	14%	13%	12%	12%
Total Liabilities	10,425,820	11,809,655	13,209,934	14,781,150	Profitability Ratios				
Cash & Balances with RBI	517,304	579,381	648,907	726,775	Return On Equity	12.5%	10.2%	11.4%	12.1%
Balances with Banks	485,505	543,765	609,017	682,099	Return on Assets	0.9%	0.8%	0.8%	0.8%
Investments	2,591,118	3,044,532	3,364,019	3,720,703	Efficiency Ratios				
Advances	6,496,570	7,276,108	8,188,743	9,215,848	Cost Income Ratio	50.8%	52.9%	51.4%	50.3%
Fixed Assets	119,387	128,341	137,967	148,314	Expenses/Avg Assets	1.7%	1.6%	1.6%	1.6%
Other Assets	215,935	237,528	261,281	287,409	Capital Ratios				
Total Assets	10,425,820	11,809,655	13,209,934	14,781,150	CET 1 Ratio	14.8%	14.7%	14.6%	14.6%
Earning Assets	10,090,498	11,443,786	12,810,686	14,345,426	Tier 1 Ratio	15.5%	15.3%	15.1%	15.1%
Asset Quality					Tier 2 Ratio	2.3%	2.3%	2.3%	2.3%
Credit Costs / Advances (bps)	70	73	68	68	Capital Adequacy Ratio	17.8%	17.6%	17.4%	17.4%
Gross NPL	217,496	171,460	130,402	74,248	Source: Company Data, InCred Research				
Net NPL	53,585	39,015	36,606	23,041	E=InCred Research Estimates				
Reserve Coverage	163,911	132,445	93,796	51,207					
Gross NPL Ratio	3.3%	2.3%	1.6%	0.8%					
Net NPL Ratio	0.8%	0.5%	0.4%	0.3%					
Coverage Ratio (Excl. w/off)	75%	77%	72%	69%					

SOURCE: INCRED RESEARCH, COMPANY REPORTS

BY THE NUMBERS



Profit & Loss

(Rsm)	Mar-24A	Mar-25A	Mar-26F	Mar-27F	Mar-28F
Net Interest Income	230,529	243,933	265,428	313,548	359,192
Total Non-Interest Income	60,949	89,939	78,575	75,632	79,196
Operating Revenue	291,478	333,872	344,003	389,180	438,388
Total Non-Interest Expenses	(150,792)	(169,755)	(182,071)	(200,168)	(220,310)
Pre-provision Operating Profit	140,686	164,117	161,932	189,012	218,078
Total Provision Charges	(39,695)	(39,777)	(50,513)	(52,963)	(59,609)
Operating Profit After Provisions	100,991	124,341	111,420	136,049	158,469
Pretax Income/(Loss) from Assoc.					
Operating EBIT (incl Associates)	100,991	124,341	111,420	136,049	158,469
Non-Operating Income/(Expense)					
Profit Before Tax (pre-EI)	100,991	124,341	111,420	136,049	158,469
Exceptional Items					
Pre-tax Profit	100,991	124,341	111,420	136,049	158,469
Taxation	(37,812)	(32,154)	(27,919)	(34,119)	(39,722)
Consolidation Adjustments & Others					
Exceptional Income - post-tax					
Profit After Tax	63,179	92,187	83,501	101,930	118,747
Minority Interests					
Prof. & Special Div					
FX And Other Adj.					
Net Profit	63,179	92,187	83,501	101,930	118,747
Recurring Net Profit					

Balance Sheet Employment

(Rsm)	Mar-24A	Mar-25A	Mar-26F	Mar-27F	Mar-28F
Gross Loans/Cust Deposits					
Avg Loans/Avg Deposits	74.5%	78.0%	79.6%	79.8%	80.2%
Avg Liquid Assets/Avg Assets	95.4%	96.3%	96.8%	96.9%	97.0%
Avg Liquid Assets/Avg IEAs	111.3%	110.8%	111.0%	110.9%	110.9%
Net Cust Loans/Assets					
Net Cust Loans/Broad Deposits					
Equity & Provns/Gross Cust Loans					
Asset Risk Weighting					
Provision Charge/Avg Cust Loans	0.76%	0.66%	0.73%	0.68%	0.68%
Provision Charge/Avg Assets	0.46%	0.41%	0.45%	0.42%	0.43%
Total Write Offs/Average Assets					

SOURCE: INCRED RESEARCH, COMPANY REPORTS

BY THE NUMBERS...cont'd

Balance Sheet					
(Rsm)	Mar-24A	Mar-25A	Mar-26F	Mar-27F	Mar-28F
Total Gross Loans	5,631,447	6,496,571	7,276,108	8,188,743	9,215,848
Liquid Assets & Invst. (Current)	2,271,445	2,591,118	3,044,532	3,364,020	3,720,703
Other Int. Earning Assets					
Total Gross Int. Earning Assets	7,902,892	9,087,688	10,320,639	11,552,762	12,936,551
Total Provisions/Loan Loss Reserve					
Total Net Interest Earning Assets	7,902,892	9,087,688	10,320,639	11,552,762	12,936,551
Intangible Assets					
Other Non-Interest Earning Assets	291,452	215,935	237,528	261,281	287,409
Total Non-Interest Earning Assets	393,717	335,322	365,870	399,248	435,724
Cash And Marketable Securities	829,371	1,002,809	1,123,146	1,257,924	1,408,875
Long-term Investments					
Total Assets	9,125,979	10,425,820	11,809,655	13,209,934	14,781,150
Customer Interest-Bearing Liabilities	7,379,202	8,165,415	9,145,265	10,242,696	11,471,820
Bank Deposits					
Interest Bearing Liabilities: Others					
Total Interest-Bearing Liabilities	8,188,443	9,403,979	10,532,457	11,796,352	13,211,914
Banks Liabilities Under Acceptances					
Total Non-Interest Bearing Liabilities	248,730	235,826	426,286	477,441	534,733
Total Liabilities	8,437,172	9,639,805	10,958,743	12,273,792	13,746,647
Shareholders Equity	688,807	786,014	850,912	936,142	1,034,503
Minority Interests					
Total Equity	688,807	786,014	850,912	936,142	1,034,503

Key Ratios					
	Mar-24A	Mar-25A	Mar-26F	Mar-27F	Mar-28F
Total Income Growth	13.7%	5.8%	8.8%	18.1%	14.6%
Operating Profit Growth	5.0%	16.7%	(1.3%)	16.7%	15.4%
Pretax Profit Growth	62%	23%	(10%)	22%	16%
Net Interest To Total Income	79.1%	73.1%	77.2%	80.6%	81.9%
Cost Of Funds	4.88%	5.28%	5.05%	4.93%	4.93%
Return On Interest Earning Assets	8.2%	8.3%	7.9%	7.9%	8.0%
Net Interest Spread	3.32%	3.06%	2.87%	2.97%	3.04%
Net Interest Margin (Avg Deposits)	3.28%	3.14%	3.07%	3.23%	3.31%
Net Interest Margin (Avg RWA)					
Provisions to Pre Prov. Operating Profit	28%	24%	31%	28%	27%
Interest Return On Average Assets	2.67%	2.50%	2.39%	2.51%	2.57%
Effective Tax Rate	37.4%	25.9%	25.1%	25.1%	25.1%
Net Dividend Payout Ratio	20.2%	20.2%	20.0%	20.0%	20.0%
Return On Average Assets	0.73%	0.94%	0.75%	0.81%	0.85%

SOURCE: INCRED RESEARCH, COMPANY REPORTS

DISCLAIMER

This report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by Incred Research Services Private Ltd. (formerly known as Earnest Innovation Partners Private Limited) (hereinafter referred to as "IRSPL"). IRSPL is registered with SEBI as a Research Analyst vide Registration No. INH000011024. Pursuant to a trademark agreement, IRSPL has adopted "Incred Equities" as its trademark for use in this report.

The term "IRSPL" shall, unless the context otherwise requires, mean IRSPL and its affiliates, subsidiaries and related companies. 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 IRSPL and its affiliates/group companies to registration or licensing requirements within such jurisdictions.

This report is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of IRSPL.

The information contained in this report is prepared from data believed to be correct and reliable at the time of issue of this report.

IRSPL is not required to issue regular reports on the subject matter of this report at any frequency and it may cease to do so or change the periodicity of reports at any time. IRSPL is not under any obligation to update this report in the event of a material change to the information contained in this report. IRSPL has not any and will not accept any, obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant; (ii) ensure that the content of this report constitutes all the information a prospective investor may require; (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, IRSPL and its affiliates/group companies (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

Unless otherwise specified, this report is based upon reasonable sources. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research. While every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of IRSPL and its affiliates/group companies to any person to buy or sell any investments.

The opinions expressed are based on information which is believed to be accurate and complete and obtained through reliable public or other non-confidential sources at the time made (information barriers and other arrangements may be established, where necessary, to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations. In reviewing this report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request. The report is not a "prospectus" as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of IRSPL. Information barriers and other arrangements have been established, as required, to prevent any conflicts of interests.

IRSPL may have issued other reports (based on technical analysis, event specific, short-term views, etc.) that are inconsistent with and reach a different conclusion from the information presented in this report.

Holding of Analysts/Relatives of Analysts, IRSPL and Associates of IRSPL in the covered securities, as on the date of publishing of this report

Research Analyst or his/her relative(s) or InCred Research Services Private Limited or our associate may have any financial interest in the subject company.

Research Analyst or his/her relatives or InCred Research Services Limited or our associates may have actual or 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 the Research Report.

Research Analyst or his/her relative or InCred Research Services Private Limited or our associate entities may have any other material conflict of interest at the time of publication of the Research Report.

In the past 12 months, IRSPL or any of its associates may have:

- a) Received any compensation/other benefits from the subject company,
- b) Managed or co-managed public offering of securities for the subject company,
- c) Received compensation for investment banking or merchant banking or brokerage services from the subject company,
- d) Received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company

We or our associates may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.

Research Analyst may have served as director, officer, or employee in the subject company.

We or our research analyst may engage in market-making activity of the subject company.

Analyst declaration

- The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously in an unbiased manner.
- No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report or based on any specific investment banking transaction.
- The analyst(s) has(have) not had any serious disciplinary action taken against him/her(them).
- The analyst, strategist, or economist does not have any material conflict of interest at the time of publication of this report.
- The analyst(s) has(have) received compensation based upon various factors, including quality, accuracy and value of research, overall firm performance, client feedback and competitive factors.

IRSPL and/or its affiliates and/or its Directors/employees may own or have positions in securities of the company(ies) covered in this report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities.

IRSPL and/or its affiliates and/or its Directors/employees may do and seek to do business with the company(ies) covered in this research report and may from time to time (a) buy/sell the securities covered in this report, from time to time and/or (b) act as market maker or have assumed an underwriting commitment in securities of such company(ies), and/or (c) may sell them to or buy them from customers on a principal basis and/or (d) may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) and/or (e) solicit such investment, advisory or other services from any entity mentioned in this report and/or (f) act as a lender/borrower to such company and may earn brokerage or other compensation. However, Analysts are forbidden to acquire, on their own account or hold securities (physical or uncertificated, including derivatives) of companies in respect of which they are compiling and producing financial recommendations or in the result of which they play a key part.

Registration granted by SEBI, membership of a SEBI recognized supervisory body (if any) and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

InCred Research Services Private Limited

Research Analyst SEBI Registration Number: INH000011024

Registered Office: Unit No 1203, 12th Floor, B Wing, The Capital, C-70, G Block, BKC, Bandra (E), Mumbai – 400051

Phone: +91-22-6844-6100

Corporate Office: 05th floor, Laxmi Towers, Plot No. C-25, G Block, Bandra – Kurla Complex, Bandra (East), Mumbai – 400051

Phone: +91-22-4161-1500

Name of the Compliance Officer: Mr. Yogesh Kadam

Email ID: compliance@incredresearch.com, Phone No: +91-22-41611539

For any queries or grievances, you may contact the Grievance Officer.

Name of the Grievance Officer: Mr. Rajarshi Maitra

Phone no. +91-022-41611546

Email ID: rajarshi.maitra@incredresearch.com

CIN: U74999MH2016PTC287535

Recommendation Framework**Stock Ratings**

Definition:

- Add** The stock's total return is expected to exceed 10% over the next 12 months.
- Hold** The stock's total return is expected to be between 0% and positive 10% over the next 12 months.
- Reduce** The stock's total return is expected to fall below 0% or more over the next 12 months.

The total expected return of a stock is defined as the sum of the: (i) percentage difference between the target price and the current price and (ii) the forward net dividend yields of the stock. Stock price targets have an investment horizon of 12 months.

Sector Ratings

Definition:

- Overweight** An Overweight rating means stocks in the sector have, on a market cap-weighted basis, a positive absolute recommendation.
- Neutral** A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation.
- Underweight** An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation.

Country Ratings

Definition:

- Overweight** An Overweight rating means investors should be positioned with an above-market weight in this country relative to benchmark.
- Neutral** A Neutral rating means investors should be positioned with a neutral weight in this country relative to benchmark.
- Underweight** An Underweight rating means investors should be positioned with a below-market weight in this country relative to benchmark.