NOVEMBER 20, 2019



IPO Note

CSB BANK LTD

NOT RATED

Background

CSB Bank is one of the oldest private sector banks in India with a history of over 98 years and has a strong base in Kerala along with significant presence in Tamil Nadu, Karnataka, and Maharashtra. It offers a wide range of products and services to its overall customer base of 1.3 million as on September 30, 2019, with particular focus on SME, Retail, and NRI customers. It delivers its products and services through multiple channels, including 412 branches (excluding three service branches and three asset recovery branches) and 290 ATMs spread across 16 states and four union territories as on September 30, 2019, and various alternate channels such as micro ATMs, debit cards, internet banking, mobile banking, point of sale services and UPI.

It has four principal business areas, namely, (a) SME banking, (b) retail banking, (c) wholesale banking, and (d) treasury operations.

Under its SME banking business, it caters to financial institutions, agriculture and allied businesses, and vendors and dealers of corporates. Under its retail banking business, it offers a wide range of loan and deposit products to its retail and NRI customers. Under its wholesale banking business, it caters to large and mid-size corporates and other business entities (with credit requirement of Rs. 250 million and above). As a percentage of its total gross advances, loans to SME customers, retail loans (including gold loans) and wholesale banking advances accounted for 29.47%, 46.23% and 24.30% as on September 30, 2019, respectively. Its treasury operations primarily consist of statutory reserves management, asset liability management, liquidity management, investment and trading of securities, and money market and foreign exchange activities.

Details of Offer

Particulars	Details
Price band (Rs/share)	193-195
Opening date of the Issue	22nd November, 2019
Closing date of the issue	26th November, 2019
No. of shares pre-issue (nos. mn)	172
No. of shares post-issue (nos. mn)*	173
Fresh Issue (nos. mn)*	1.23
Offer for sale (nos. mn)	19.78
Issue size (Rs bn)*	4.1
Bid Lot	75 Equity share & multiple of 75 Equity share thereafter
Book Building	
QIBs	75%
Non-Institutional	15%
Retail	10%
Lead managers	Axis Capital, IIFL Securities
Registrar to the issue	Link Intime

Deval Shah deval.shah@kotak.com +91 22 6218 6425

Priyesh Babariya

priyesh.babariya@kotak.com +91 22 6218 6433

Kotak Securities Limited has two independent equity research groups: Institutional Equities and Private Client Group. This report has been prepared by the Private Client Group.

Source: Company RHP, * Based on upper price band



Shareholding pattern

	Pre issue	Post issue
Promoter holding (%)	50.1	49.7
Public shareholding (%)	49.9	50.3
Total (%)	100	100

Source: Company RHP

Objects of the offer

	Utilization of proceeds (Rs Mn)
Augment Bank's Tire-I capital base	N.A
Ensure compliance with Basel III and other RBI guidelines	N.A

Source: Company RHP

Management Background

Name	Age	Designation	Background
Rajendran Chinna Veerappan	64	Managing Director and Chief Executive Officer	He holds a bachelor's degree and a master's degree in commerce from Madurai Kamaraj University and is an associate of the Indian Institute of Bankers. He previously served as the chief executive of the Association of Mutual Funds in India and is currently responsible for overall management and expansion of our Bank. He has over 40 years of experience in banking and finance sector and was previously associated with Corporation Bank, Andhra Bank and Bank of Maharashtra. He has been on Board since November 24, 2016.
Madhavan Karunakaran Menon	64	Part – time Chairman and Non–executive Director	He holds a bachelor's degree and a master's degree in business administration from the George Washington University. He is also qualified for the award of "Indian School Certificate" in division two issued by the University of Cambridge. He has over 30 years of experience in the finance and banking sector. He has previously worked with ANZ Grindlays Bank Limited, Citibank N.A., Emirates Bank International, Birla Capital International AMC Limited in the past. He is currently on the chairman and managing director of Thomas Cook (India) Limited and has been on Board since September 3, 2018.
Sumit Maheshwari	50	Non – executive Director	He holds a bachelor's and a master's degree in commerce from the University of Mumbai. He is a certified associate member of the Institute of Chartered Accountants of India. He has completed the post graduate programme in management from the Indian School of Business. He has over 10 years of experience in finance sector. Previously, he has worked with KPMG and is currently the managing director and chief executive officer of Fairbridge Capital Private Limited. He has been on Board since September 3, 2018.

Source: Company RHP



Strengths

Strong channel network and trusted brand in South India

Bank provides its products and services primarily through an extensive physical network of branches and ATMs. It operates in 16 States and four Union Territories in India, reaching 1.3 million customers through 412 branches (excluding three service branches and three asset recovery branches) and 290 ATMs, as on September 30, 2019. In addition to its physical network, it has made investments in development of alternate channels from time to time. Its alternate channel network comprises of ATM debit cards, internet banking, mobile banking, point of sales ("POS"), QR payments, UPI, 24*7 phone banking, ePassbook, micro ATMs, prepaid (co-branded) cards, and payment gateway services through tie ups. Its deposit renewal rate was 97.86% as on September 30, 2019.

Strong capital base for growth

Bank's capital position has been significantly strengthened post FIHMs investment in the bank. As per the Basel III Norms, the CRAR, as assessed by the Bank as on March 31, 2019 and September 30, 2019, was 16.70% and 22.77% (including capital conservation buffer), respectively. This is above the minimum prescribed CRAR of 10.875% (including capital conservation buffer of 1.875%) stipulated by the RBI in the Basel III Norms. Capital augmentation post infusion of funds by FIHM helped vitalize the Bank's growth engine. As on September 30, 2019, Tier 1 CRAR (including capital conservation buffer) and common equity Tier 1 CRAR (including capital conservation buffer) stood at 22.11% and 22.11%, respectively, well above the minimum prescribed requirements of 7% and 5.5%, respectively, which would enable the long term growth.

Well established SME business

Bank focuses on meeting the funding and banking requirements of its SME customers. As a percentage of its total advances, loans to SME customers accounted for 43%, 37%, 32% and 29.47% as on March 31, 2017, March 31, 2018, March 31, 2019 and September 30, 2019, respectively. It believes that lending to SMEs enables it to diversify the credit risk profile due to relatively smaller individual exposures. As on March 31, 2019 and September 30, 2019, its advances to SME customers aggregated to Rs. 34,733 million and Rs. 33,605 million, respectively, spread across 7,529 accounts and 7,534 accounts, respectively, implying an average ticket size of approximately Rs. 4.61 million and Rs. 4.46 million, respectively.

Retail offering driven by strong gold loan portfolio

Gold loans constituted a major portion of the bank's advances, contributing 24%, 26%, 31% and 33.17% of its total advances as on March 31, 2017, March 31, 2018, March 31, 2019, and September 30, 2019, respectively. As on March 31, 2019 and September 30, 2019, bank had 522,248 and 595,121 gold loan accounts, with advances aggregating to Rs. 33,331 million and Rs. 37,818 million, implying an average ticket size of approximately Rs. 0.06 million and Rs. 0.06 million, respectively. It has a dedicated team within its retail banking business to focus on the gold loan product offerings and have established internal processes towards origination, valuation of gold being pledged as security, and subsequent monitoring and collection from customers towards loan repayment, including timely disposal of pledged gold to realize the receivables in the event of default.



Professional and experienced management with strong and independent Board.

Key Managerial Personnel bring substantial experience and in-depth knowledge of banking operations and management. While some of the Key Managerial Personnel have been with the Bank for more than 35 years, it has also brought in other experienced professionals from the banking industry. Bank believes that the management's capabilities, strong reputation, extensive network of industry relationships, and wide-ranging experience in the finance and banking industry will continue to help them grow, modernize, and develop further.

Streamlined risk management controls, policies and procedures

Bank has instituted prudent risk management controls, policies, and procedures that are critical for the long-term sustainable development of the business. It has implemented risk management procedures for its credit exposures, including credit evaluation, credit scoring, risk-based pricing models and risk monitoring and control mechanisms. It has also developed its own credit risk rating framework in terms of which all exposures of Rs. 2.5 million and above are brought within a rating mechanism. It periodically conducts audits/inspections to ensure that the risks on its portfolios are within acceptable parameters.

Strategies

Accelerate transformation as new age private bank.

It has designed a new organizational set up which it believes makes it more capable of attaining the long-term targets for the business growth and successfully evolve into a new age private sector bank. In the past, its organizational set-up was branch centric, wherein its branches were main drivers of its business, taking care of everything from deposits to lending and customer servicing. This typically had inherent conflict of interest as origination and sanction of loans were with the same branch and branch head. Pursuant to its new organizational set-up and infusion of capital by FIHM, which has given it a strong balance sheet to focus on growth, it will continue to recruit, retain, motivate, and develop talented and experienced professionals, and introduce variable pay, including employee stock option plans, to align compensation with employee performance.

Grow its asset business with focus on SME, agricultural and retail customers by leveraging its capital position.

Bank has established a specialized SME team to strengthen its marketing in order to source additional SME business and drive further penetration. As of September 30, 2019, out of the total 388 SME cluster areas spread across India, as identified by UNIDO, it has presence in 166 such clusters and it intends to expand its SME business in the remaining clusters. It has also established a separate vertical for its agriculture based business to provide a variety of agriculture based banking products. In order to further grow its retail loan portfolio and diversify its loan portfolio mix, it intends to mainly focus on gold loans, two wheeler loans, loans against property, and personal loans.

Continue to leverage strong deposits franchise

The share of CASA deposits in banks total deposits increased from 24.78% in Fiscal 2017 to 27.84% in Fiscal 2019. Further, the share of CASA deposits in its total deposits was 28.19% for the six month period ended September 30, 2019. To improve its wholesale deposit base, it intends to leverage its relationships



with various institutions like educational institutions, temple trusts, and churches. It also intends to leverage its corporate and SME relationships by cross selling salary accounts for employees. It intends to continue to focus on increasing its NRI deposit base, which has been one of its key growth engines on the deposits side and has also proved to be a stable source of funding for the Bank.

Maximizing non-interest income by widening products and services for corporates as well as retail customers.

Besides banks focus on increasing interest income, it also intends to focus on increasing its non-interest income from various conventional and non-conventional sources. Its fee and non-fund based revenues constituted 4.37%, 6.01%, 6.12% and 5.57% of its total revenue for Fiscals 2017, 2018, 2019, and for the six month period ended September 30, 2019, respectively. In order to grow its non-interest income, it distributes third-party investment products, such as life insurance and general insurance products.

Strengthening risk management

Bank believes that effective risk management is essential for its growth, strategic planning, and long-term sustainable development. It plans to continuously focus on strengthening its risk management and internal control capabilities by improving its policies and procedures and introducing advanced risk management tools. It has also implemented some of the recommendations provided in Fiscal 2016 by CRISIL Risk Solutions, a division of CRISIL Risk and Infrastructure Solutions Limited, to revamp its credit framework.

Focus on NPA recovery and improve asset quality.

Bank intends to establish separate teams for retail, SME, and corporate segments dedicated towards recovery of provisioned portfolio and also managing and monitoring of ongoing stressed portfolios. Its gross NPAs decreased to 4.87% as of March 31, 2019 from 7.25% as of March 31, 2017. Further, its gross NPAs was 2.86% as on September 30, 2019. The net NPAs decreased to 2.27% as of March 31, 2019 from 4.12% as of March 31, 2017. Further, its net NPAs was 1.96% as on September 30, 2019, while its provisioning coverage ratio was 65.50%, 75.83%, 78.16% and 79.45% in respect of NPAs (including technical write-offs) as of March 31, 2017, March 31, 2018, March 31, 2019, and September 30, 2019, respectively.



Financials

Balance sheet (Rs mn)

Rs. mn	2017	2018	2019	H1FY20
	2017	2010	2013	
ASSETS Cook in Hand	FOG	E40	E0.4	E 40
Cash in Hand Balance with RBI	506	549	584	549 6,513
	7,058	6,229	6,670	
Balance with Banks	768	463	232	1,099
Money at Call & Short Notice	3,780	4,910	2,250	40 1 41
Investments	57,292	40,833	40,276	43,141
Advances	80,008	91,849	106,152	112,978
Net Fixed Assets	513	567	599	585
Other Assets	9,712	10,583	10,770	11,118
Less: Intangible Assets and Deferred Tax Asset	1,936	2,635	2,999	2,751
Other Assets	7,776	7,947	7,771	8,367
TOTAL (A)	157,700	153,347	164,535	173,233
LIABILITIES				
DEPOSITS				
Demand Deposit	6,078	6,281	6,171	6,594
Saving Deposits	30,868	33,425	35,935	37,125
Term Deposits from Banks	183	59	1,901	1,830
Term Deposits from others	111,986	107,141	107,232	109,549
Borrowings	418	418	-	-
Other Liabilities & Provisions	2,705	2,486	3,556	2,774
TOTAL (B)	152,239	149,810	154,795	157,873
NET WORTH (A-B)	5,461	3,536	9,740	15,360
Share Capital	810	810	860	1,723
Equity Share Capital	810	810	860	1,723
Share Warrant	0	0	6,513	0
TOTAL (D)	810	810	7,373	1,723
RESERVE & SURPLUS				
Statutory Reserve	1,468	1,468	1,468	1,468
Capital Reserve	717	717	717	720
Revaluation Reserve	1,640	1,595	1,578	1,571
Share Premium	6,475	6,475	7,120	17,689
Revenue & Other Reserve	1,139	1,184	1,201	1,208
TOTAL	11,439	11,439	12,083	22,656
Less : Revaluation Reserve	1,640	1,595	1,578	1,571
Less : Intangible Assets and Deferred Tax Asset	1,936	2,635	2,999	2,751
Less: Profit & Loss (Dr.)	3,212	4,483	5,140	4,697
TOTAL (E)	4,651	2,726	2,367	13,637
NET WORTH (D+E)	5,461	3,536	9,740	15,360
Source: Company PUD				

Source: Company RHP



Profit and Loss (Rs mn)

Rs. mn	2017	2018	2019	H1FY20
Interest Earned	13,363	12,968	13,475	7,323
Interest & Discount on advance/bills	8,809	9,128	9,686	5,631
Income on Investment	4,126	3,362	3,474	1,534
Interest - Others	429	478	315	158
OTHER INCOME	2,812	1,254	1,359	844
Commission, Exchange & Brokerage	205	234	272	137
Profit on sale of Investments(Net)	1,959	27	80	130
Others	648	993	1,007	577
Total Income	16,175	14,222	14,834	8,167
EXPENDITURE				
Interest Expended	10,227	9,120	9,076	4,528
Interest on Deposits	10,041	8,973	8,618	4,483
Others	185	147	457	45
Operating Expenses	4,431	4,359	5,625	2,604
Payment to & provision for employees	2,936	2,869	3,844	1,681
Rent, Tax & Lighting	415	459	506	278
Depreciation on Banks Properties /Assets	149	156	165	100
Other Expenditure	931	875	1,110	544
Total Expense	14,658	13,479	14,701	7,131
Operating Profit (before Extra Ordinary				
Items and Provision & Contingencies)	1,517	743	134	1,036
Less: Provisions and contingencies	2,522	2,692	1,110	346
PBT	-1,004	-1,949	-976	689
Provision for tax	-425	-678	-319	247
PAT	-580	-1,271	-657	443
Source: Company RHP				

Source: Company RHP

Cash Flow statement (Rs mn)

Rs. mn	2017	2018	2019	H1FY20
Cash and cash equivalent at the				
beginning of the year	7,263	12,112	12,151	9,736
Net cash from operating activity	3,954	268	-8,932	-6,410
Net cash from investing activity	-170	-178	-221	-84
Net cash from financing activity	1,064	-51	6,739	4,919
Net inc/(dec) in cash and cash equivalents	4,849	40	-2,415	-1,575
Cash and cash equivalent at the end of the year	12,112	12,151	9,736	8,161

Source: Company RHP



RATING SCALE (PRIVATE CLIENT GROUP)

Definitions of ratings

BUY – We expect the stock to deliver more than 15% returns over the next 12 months

ADD — We expect the stock to deliver 5% - 15% returns over the next 12 months

REDUCE – We expect the stock to deliver -5% - +5% returns over the next 12 months

SELL – We expect the stock to deliver < -5% returns over the next 12 months

NR – Not Rated. Kotak Securities is not assigning any rating or price target to the stock.

The report has been prepared for information purposes only.

SUBSCRIBE – We advise investor to subscribe to the IPO.

RS - Rating Suspended. Kotak Securities has suspended the investment rating and price target

for this stock, either because there is not a sufficient fundamental basis for determining, or there are legal, regulatory or policy constraints around publishing, an investment rating or target. The previous investment rating and price target, if any, are no longer in effect for this

stock and should not be relied upon.

NA - Not Available or Not Applicable. The information is not available for display or is not

applicable

NM – Not Meaningful. The information is not meaningful and is therefore excluded.

NOTE – Our target prices are with a 12-month perspective. Returns stated in the rating scale are our

internal benchmark.

FUNDAMENTAL RESEARCH TEAM (PRIVATE CLIENT GROUP)

Rusmik Oza Head of Research

Head of Research rusmik.oza@kotak.com +91 22 6218 6441

Sanjeev Zarbade

Cap. Goods & Cons. Durables sanjeev.zarbade@kotak.com +91 22 6218 6424

Sumit Pokharna

Oil and Gas, Information Tech sumit.pokharna@kotak.com +91 22 6218 6438 Arun Agarwal

Auto & Auto Ancillary arun.agarwal@kotak.com +91 22 6218 6443

Jatin Damania

Metals & Mining, Midcap jatin.damania@kotak.com +91 22 6218 6440

Pankaj Kumar

Midcap pankajr.kumar@kotak.com +91 22 6218 6434 Amit Agarwal, CFA

Transportation, Paints, FMCG agarwal.amit@kotak.com +91 22 6218 6439

Purvi Shah

Pharmaceuticals purvi.shah@kotak.com +91 22 6218 6432

Deval Shah

Research Associate deval.shah@kotak.com +91 22 6218 6425 Krishna Nain

M&A, Corporate actions krishna.nain@kotak.com +91 22 6218 7907

Priyesh Babariya

Research Associate priyesh.babariya@kotak.com +91 22 6218 6433

K. Kathirvelu

Support Executive k.kathirvelu@kotak.com +91 22 6218 6427

TECHNICAL RESEARCH TEAM (PRIVATE CLIENT GROUP)

Shrikant Chouhan

shrikant.chouhan@kotak.com +91 22 6218 5408 Amol Athawale

amol.athawale@kotak.com +91 20 6620 3350 Faisal Shaikh, CMT, FRM

Research Associate faisalf.shaikh@kotak.com +91 22 62185499 Siddhesh Jain

Research Associate siddhesh.jain@kotak.com +91 22 62185498

DERIVATIVES RESEARCH TEAM (PRIVATE CLIENT GROUP)

Sahaj Agrawal

sahaj.agrawal@kotak.com +91 79 6607 2231 Malay Gandhi

malay.gandhi@kotak.com +91 22 6218 6420 Prashanth Lalu

prashanth.lalu@kotak.com +91 22 6218 5497 Prasenjit Biswas, CMT, CFTe prasenjit.biswas@kotak.com +91 33 6625 9810



Disclosure/Disclaimer (Private Client Group)

Kotak Securities Limited established in 1994, is a subsidiary of Kotak Mahindra Bank Limited. Kotak Securities is one of India's largest brokerage and distribution house

Kotak Securities Limited is a corporate trading and clearing member of BSE Limited (BSE), National Stock Exchange of India Limited (NSE), Metropolitan Stock Exchange of India Limited (MSE), National Commodity and Derivatives Exchange (NCDEX) and Multi Commodity Exchange (MCX). Our businesses include stock broking, services rendered in connection with distribution of primary market issues and financial products like mutual funds and fixed deposits, depository services and Portfolio Management.

Kotak Securities Limited is also a depository participant with National Securities Depository Limited (NSDL) and Central Depository Services (India) Limited (CDSL). Kotak Securities Limited is also registered with Insurance Regulatory and Development Authority as Corporate Agent for Kotak Mahindra Old Mutual Life Insurance Limited and is also a Mutual Fund Advisor registered with Association of Mutual Funds in India (AMFI). We are registered as a Research Analyst under SEBI (Research Analyst) Regulations, 2014.

We hereby declare that our activities were neither suspended nor we have defaulted with any stock exchange authority with whom we are registered in last five years. However SEBI, Exchanges and Depositories have conducted the routine inspection and based on their observations have issued advise/warning/deficiency letters/ or levied minor penalty on KSL for certain operational deviations. We have not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has our certificate of registration been cancelled by SEBI at any point of time.

We offer our research services to clients as well as our prospects

This document is not for public distribution and has been furnished to you solely for your information and must not be reproduced or redistributed to any other person. Persons into whose possession this document may come are required to observe these restrictions.

This material is for the personal information of the authorized recipient, and we are not soliciting any action based upon it. This report is not to be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. It is for the general information of clients of Kotak Securities Ltd. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients.

We have reviewed the report, and in so far as it includes current or historical information, it is believed to be reliable though its accuracy or completeness cannot be guaranteed. Neither Kotak Securities Limited, nor any person connected with it, accepts any liability arising from the use of this document. The recipients of this material should rely on their own investigations and take their own professional advice. Price and value of the investments referred to in this material may go up or down. Past performance is not a guide for future performance. Certain transactions -including those involving futures, options and other derivatives as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. Reports based on technical analysis centers on studying charts of a stock's price movement and trading volume, as opposed to focusing on a company's fundamentals and as such, may not match with a report on a company's fundamentals.

Opinions expressed are our current opinions as of the date appearing on this material only. While we endeavor to update on a reasonable basis the information discussed in this material, there may be regulatory, compliance or other reasons that prevent us from doing so. Prospective investors and others are cautioned that any forward-looking statements are not predictions and may be subject to change without notice. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein.

Kotak Securities Limited has two independent equity research groups: Institutional Equities and Private Client Group. This report has been prepared by the Private Client Group.

We and our affiliates/associates, officers, directors, and employees, Research Analyst(including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the securities thereof, of company (ies) mentioned herein or (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 subject company/company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of Research Report or at the time of public appearance. Kotak Securities Limited (KSL) may have proprietary long/short position in the above mentioned scrip(s) and therefore may be considered as interested. The views provided herein are general in nature and does not consider risk appetite or investment objective of particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with KSL. Kotak Securities Limited is also a Portfolio Manager. Portfolio Management Team (PMS) takes its investment decisions independent of the PCG research and accordingly PMS may have positions contrary to the PCG research recommendation. Kotak Securities Limited does not provide any promise or assurance of favourable view for a particular industry or sector or business group in any manner. The investor is requested to take into consideration all the risk factors including their financial condition, suitability to risk return profile and take professional advice before investing.

The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

No part of this material may be duplicated in any form and/or redistributed without Kotak Securities' prior written consent.

Details of Associates are available on www.kotak.com

- 1. "Note that the research analysts contributing to the research report may not be registered/qualified as research analysts with FINRA; and
- 2. Such research analysts may not be associated persons of Kotak Mahindra Inc and therefore, may not be subject to NASD Rule 2711 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account

Any U.S. recipients of the research who wish to effect transactions in any security covered by the report should do so with or through Kotak Mahindra Inc. (Member FINRA/SIPC) and (ii) any transactions in the securities covered by the research by U.S. recipients must be effected only through Kotak Mahindra Inc. (Member FINRA/SIPC) at 369 Lexington Avenue 28th Floor NY NY 10017 USA (Tel:+1 212-600-8850).

Kotak Securities Limited and its non US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non US issuers, prior to or immediately following its publication. This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. This research report and its respective contents do not constitute an offer or invitation to purchase or subscribe for any securities or solicitation of any investments or investment services. Accordingly, any brokerage and investment services including the products and services described are not available to or intended for Canadian persons or US persons."

Research Analyst has served as an officer, director or employee of subject company(ies): No

We or our associates may have received compensation from the subject company(ies) in the past 12 months.

We or our associates have managed or co-managed public offering of securities for the subject company(ies) in the past 12 months: No

We or our associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months. We or our associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months. 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. Our associates may have financial interest in the subject company(ies).

Research Analyst or his/her relative's financial interest in the subject company(ies): No

Kotak Securities Limited has financial interest in the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No

Nature of financial interest is holding of equity shares or derivatives of the subject company.

Our associates may have 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.

Research Analyst or his/her relatives 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.

Kotak Securities Limited 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

NOVEMBER 20, 2019



By referring to any particular sector, Kotak Securities Limited does not provide any promise or assurance of favourable view for a particular industry or sector or business group in any manner. The investor is requested to take into consideration all the risk factors including their financial condition, suitability to risk return profile and take professional advice before investing. Such representations are not indicative of future results.

Subject company(ies) may have been client during twelve months preceding the date of distribution of the research report.

"A graph of daily closing prices of securities is available at https://www.nseindia.com/ChartApp/install/charts/mainpage.jsp and https://economictimes.indiatimes.com/markets/stocks/stock-quotes. (Choose a company from the list on the browser and select the "three years" icon in the price chart)."

Kotak Securities Limited. Registered Office: 27 BKC, C 27, G Block, Bandra Kurla Complex, Bandra (E), Mumbai 400051. CIN: U99999MH1994PLC134051, Telephone No.: +22 43360000, Fax No.: +22 67132430. Website: www.kotak.com/www.kotaksecurities.com. Correspondence Address: Infinity IT Park, Bldg. No 21, Opp. Film City Road, A K Vaidya Marg, Malad (East), Mumbai 400097. Telephone No: 42856825. SEBI Registration No: INZ000200137 (Member ID: NSE-08081; BSE-673; MSE-1024; MCX-56285; NCDEX-1262), AMFI ARN 0164, PMS INP000000258 and Research Analyst INH000000586. NSDL/CDSL: IN-DP-NSDL-23-97. Our research should not be considered as an advertisement or advice, professional or otherwise. The investor is requested to take into consideration all the risk factors including their financial condition, suitability to risk return profile and the like and take professional advice before investing. Investments in securities market are subject to market risks, read all the related documents carefully before investing. Derivatives are a sophisticated investment device. The investor is requested to take into consideration all the risk factors before actually trading in derivative contracts. Kotak Securities Limited is a Sub-Syndicate Member for the public issue of CSB Bank Ltd. Compliance Officer Details: Mr. Manoj Agarwal. Call: 022 - 4285 8484, or Email: ks.compliance@kotak.com.

In case you require any clarification or have any concern, kindly write to us at below email ids:

- Level 1: For Trading related queries, contact our customer service at 'service.securities@kotak.com' and for demat account related queries contact us at ks.demat@kotak.com or call us on: Toll free numbers 18002099191 / 1860 266 9191
- Level 2: If you do not receive a satisfactory response at Level 1 within 3 working days, you may write to us at ks.escalation@kotak.com or call us on 022-42858445 and if you feel you are still unheard, write to our customer service HOD at ks.servicehead@kotak.com or call us on 022-42858208.
- Level 3: If you still have not received a satisfactory response at Level 2 within 3 working days, you may contact our Compliance Officer (Mr. Manoj Agarwal) at ks.compliance@kotak.com or call on 91- (022) 4285 8484.
- Level 4: If you have not received a satisfactory response at Level 3 within 7 working days, you may also approach Managing Director / CEO (Mr. Jaideep Hansraj) at ceo.ks@kotak.com or call on 91-(022) 4285 8301.