India I Equities

Alcoholic Beverages

Company Update

29 July 2021

Radico Khaitan

Strong quarter, robust outlook; retaining a Buy

Outpacing its peers, Radico Khaitan had yet another healthy quarter. The drop in gross margin q/q was largely due to a weaker mix. The trend should improve in coming quarters with easing of restrictions and improvement in the Prestige & Above (P&A) category (also seen in Jul). We expect healthy sales/EBITDA CAGRs (14%/17%) over FY21-23. Superior execution, market-share gains, healthy new launch pipeline in P&A in H2 FY22, strong balance sheet and likely improved return profile offer sound assurance. We expect the discount to United Spirits to reduce, and raise our target multiple to 35x FY23e earnings (a ~20% discount to UNSP, earlier 27x). We maintain our Buy rating, with a revised target price of Rs1,009 (earlier Rs721).

Revenue growth ahead of peers. Bolstered by 56%/23% y/y sales growth in IMFL/non-IMFL, net sales rose 47% y/y. Within IMFL, sales of the P&A category rose 44% y/y (41% y/y volume growth,). The Regular category sales surprised with 68.7% y/y sales growth (66.5% y/y volume growth). Management expects strong double-digit revenue growth if normalization of demand continues. We are factoring in a 14% sales CAGR over FY21-23.

Healthy new launches to accelerate premiumisation trend. Management is upbeat about premiumisation led by a) scale-up in 8PM premium whisky, Rampur single malt, Jaisalmer gin and b) launches in Super premium Vodka (at a similar price range to Absolut vodka) and the whisky category (two launches in P&A) in the next 12 months.

Weaker mix dilutes gross margin. The gross margin was hit by a weaker mix. P&A started to grow faster than the Regular category from July. This, and the launches would lead a better mix and gross margin. We are factoring in a 100bp gross-margin expansion over FY21-23.

Valuations. The stock quotes at 30x FY23e earnings (a 28% discount to UNSP). **Key risks:** Delay in launches/adverse regulations could cut earnings.

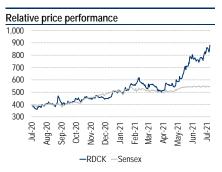
FY19	FY20	FY21	FY22e	FY23e
20,969	24,270	24,181	27,927	31,563
1,881	2,275	2,706	3,037	3,850
14.1	17.0	20.3	22.7	28.8
62.0	46.4	43.2	38.5	30.3
34.2	32.5	28.9	25.5	20.7
8.9	7.7	6.6	5.8	5.1
14.3	15.0	15.3	15.1	16.7
11.8	14.8	14.0	14.4	16.6
0.1	0.2	0.2	0.5	0.8
0.2	0.3	0.1	0.0	-0.0
	1,881 14.1 62.0 34.2 8.9 14.3 11.8 0.1	1,881 2,275 14.1 17.0 62.0 46.4 34.2 32.5 8.9 7.7 14.3 15.0 11.8 14.8 0.1 0.2	1,881 2,275 2,706 14.1 17.0 20.3 62.0 46.4 43.2 34.2 32.5 28.9 8.9 7.7 6.6 14.3 15.0 15.3 11.8 14.8 14.0 0.1 0.2 0.2	1,881 2,275 2,706 3,037 14.1 17.0 20.3 22.7 62.0 46.4 43.2 38.5 34.2 32.5 28.9 25.5 8.9 7.7 6.6 5.8 14.3 15.0 15.3 15.1 11.8 14.8 14.0 14.4 0.1 0.2 0.2 0.5

Rating: **Buy**Target Price: Rs.1009
Share Price: Rs.880

Key data	RDCK IN / RADC.BO
52-week high / low	Rs.893 / 361
Sensex / Nifty	52653 / 15778
3-m average volume	\$8.1m
Market cap	Rs.118bn / \$1583.4m
Shares outstanding	134m

Jun'21	Mar'21	Dec'20
40.3	40.3	40.3
-	-	-
56.7	56.7	56.7
19.5	19.5	18.3
15.4	15.4	17.0
21.8	21.8	21.5
	40.3 - 56.7 19.5 15.4	40.3 40.3

Estimates revision (%)	FY22e	FY23e
Sales	2	2
EBITDA	-2	4
PAT	-1	6



Source: Bloomberg

Mehul Desai Research Analyst

Anand Rathi Share and Stock Brokers Limited (hereinafter "ARSSBL") is a full-service brokerage and equities-research firm and the views expressed therein are solely of ARSSBL and not of the companies which have been covered in the Research Report. This report is intended for the sole use of the Recipient. Disclosures and analyst certifications are present in the Appendix.

Anand Rathi Research India Equities

Quick Glance - Financials and Valuations

Fig 1 – Income stater	Fig 1 – Income statement (Rs m)								
Year-end: Mar	FY19	FY20	FY21	FY22e	FY23e				
Net revenues (Rs m)	20,969.5	24,270.4	24,181.4	27,926.8	31,563.0				
Growth (%)	15	16	-0	15	13				
Direct costs	10,143.3	12,481.9	12,024.2	13,970.8	15,380.6				
Gross profit	10,826.2	11,788.5	12,157.2	13,955.9	16,182.5				
Gross margins %	51.6	48.6	50.3	50.0	51.3				
Other expenses	7,323	8,070	8,068	9,369	10,580				
EBITDA	3,503	3,718	4,089	4,587	5,602				
EBITDA margins (%)	16.7	15.3	16.9	16.4	17.7				
- Depreciation	424	525	539	583	623				
Other income	133	92	201	201	241				
Interest expenses	355	316	220	144	73				
PBT	2,857	2,969	3,531	4,060	5,148				
Effective tax rates (%)	34.2	15.2	23.4	25.2	25.2				
+ Associates / (Minorities)	-	-	-	-	-				
Net Income	1,881	2,275	2,706	3,037	3,850				
WANS	133	134	134	134	134				
FDEPS (Rs / sh)	14.1	17.0	20.3	22.7	28.8				

Fig 3 – Cash-flow stater	neni (KS	111)				
Year-end: Mar	FY19	FY20	FY21	FY22e	FY23e	
PBT	2,857	2,727	3,531	4,060	5,148	
+ Non-cash items	744	1,060	648	728	695	
Oper. prof. before WC	3,601	3,787	4,179	4,788	5,843	
- Incr. / (decr.) in WC	259	-2,337	330	-1,276	-1,485	
Others incl. taxes	773	854	739	1,023	1,297	
Operating cash-flow	3,087	597	3,770	2,488	3,061	
- Capex (tang. + intang.)	675	718	1,088	700	700	
Free cash-flow	2,412	-121	2,682	1,788	2,361	
Acquisitions	-	-	-	-	-	
- Div. (incl. buyback & taxes)	161	193	267	534	934	
+ Equity raised	11	13	4	-	-	
+ Debt raised	-1,739	557	-1,338	-1,000	-1,200	
- Fin investments	-500	-	-	-	-	
- Misc. (CFI + CFF)	261	238	-29	144	73	
Net cash-flow	762	19	1,110	110	153	
Source: Company, Anand Rathi Research						

(Rs) 1,000 900 800 700 600 500 400 300 200 100 0	Fig 5	5 – I	Pri	ice	m	οv	em	ner	ıt													
900 900 900 100 900 900 900 100 1	(Rs)																					
900 700 100 100 100 100 100 100 100 100 1	1,000																					
200 Jul-17 Apr-17 Jul-18 Oct-18 Jul-19 Oct-18 Jul-19 Oct-19 Jul-19 Oct-19 Jul-19 Oct-19 Jul-20 Oct-20 Jul-21 Jul-2	900																					
001-16 001-17 001-18 00	800																					ď
200 - 100 -	700																					ľ
001-16	600																				۱.	ļ
200 100 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	500										<u> </u>										V	
001-16 001-16 001-16 001-17 001-18 001-18 001-18 001-19 001-19 001-19 001-20 001-20 001-21 00	400								J	W	N	4	Μ.			-/	1	W	M	•••		
0d:-16 0d:-16 Jan-17 Jan-18 Apr-19 Jan-19 Apr-19 Jan-20 Apr-20 Jan-20	300							الر	Y		Y		N	₩	MA	M.	1	<i>f</i>				
0d-16 0d-16 0d-17 Jul-17 Jul-17 Jul-18 Jul-19 Jul-19 Jul-20 Jul-20 Jul-20 Jul-20 Jul-20 Jul-21 Jul-20 Jul-20 Jul-21	200						لم	ľ														
Jul-16 Oct-16 Jan-17 Apr-17 Jul-18 Apr-18 Jul-19 Oct-19 Jul-20 Jul-20 Oct-20 Jul-20 Jul-20 Jul-21 Jul-20	100	-	^	•	w																	
Source: Bloomberg		Jul-16	Oct-16	Jan-17	Apr-17	Jul-17	Oct-17	Jan-18	Apr-18	Jul-18	Oct-18	Jan-19	Apr-19	Jul-19	Oct-19	Jan-20	Apr-20	Jul-20	Oct-20	Jan-21	Apr-21	Jul-21
	Source	e: Blo	от	ber	J																	

Fig 2 - Balance sheet	(Rs m)				
Year-end: Mar	FY19	FY20	FY21	FY22e	FY23e
Share capital	267	267	267	267	267
Net worth	13,149	15,205	17,639	20,142	23,058
Total debt	3,370	4,003	2,721	1,721	521
Minority interest	-	-	-	-	-
TL / (Asset)	1,040	785	802	802	802
Lease liabilities	-	-	-	-	-
Capital employed	17,560	19,993	21,162	22,665	24,381
Net tangible assets	7,139	7,434	7,899	8,015	8,093
Net Intangible assets	-	-	-	-	-
Goodwill	-	-	-	-	-
CWID (tong % intong)	1/0	101	270	270	270
CWIP (tang. & intang.)	160	181	378	378	378
Investments (strategic)	-	-	-	-	-
Investments (financial)	1,554	1,554	1,554	1,554	1,554
Current assets (excl. cash)	13,276	15,253	15,723	17,521	19,803
Cash	177	182	1,300	1,409	1,563
Current liabilities	4,746	4,611	5,691	6,213	7,009
Working capital	8,530	10,642	10,032	11,308	12,794
Capital deployed	17,560	19,993	21,163	22,665	24,381

Fig 4 – Ratio analysis					
Year-end: Mar	FY19	FY20	FY21	FY22e	FY23e
P/E (x)	62.0	46.4	43.2	38.5	30.3
EV / EBITDA (x)	34.2	32.5	28.9	25.5	20.7
EV / Sales (x)	5.7	5.0	4.9	4.2	3.7
P/B (x)	8.9	7.7	6.6	5.8	5.1
RoE (%)	14.3	15.0	15.3	15.1	16.7
RoCE (%) - after tax	11.8	14.8	14.0	14.4	16.6
RoIC (%) - after tax	13.3	16.3	15.7	16.5	19.1
DPS (Rs / sh)	1.2	2.0	2.0	4.0	7.0
Dividend yield (%)	0.1	0.2	0.2	0.5	0.8
Dividend payout (%) - incl. DDT	8.5	7.7	9.9	17.6	24.3
Net debt / equity (x)	0.2	0.3	0.1	0.0	-0.0
Receivables (days)	111.7	123.8	105.3	115.0	115.0
Inventory (days)	62.6	56.3	73.8	56.0	56.0
Payables (days)	56.8	49.3	58.2	58.0	58.0
CFO: PAT %	164.1	23.7	139.4	81.9	79.5
Source: Company, Anand Rathi Resea	ırch				





Result highlights

Fig 7 – Quarterly res	ults												
(Rs m)	Q1 FY19	Q2 FY19	Q3 FY19	Q4 FY19	Q1 FY20	Q2 FY20	Q3 FY20	Q4 FY20	Q1 FY21	Q2 FY21	Q3 FY21	Q4 FY21	Q1 FY22
Volume growth (%)	19.1	11.5	7.2	6.1	20.1	10.9	13.9	13.0	-43.6	4.5	0.8	7.9	58.9
P&A (%)	30.2	14.6	18.4	22.1	35.9	11.3	21.3	10.9	-47.2	3.7	5.3	15.7	41.0
Popular (%)	14.7	10.3	3.4	1.2	13.9	10.7	11.1	13.8	-41.9	4.8	-1.1	5.1	66.5
Net sales	5,163.8	5,176.5	5,529.3	5,099.8	6,235.8	5,701.7	6,479.3	5,853.6	4,091.5	6,300.5	6,842.1	6,947.3	6,027.6
Y/Y (%)	25.6	15.5	14.6	6.1	0.0	10.1	17.2	14.8	-34.4	10.5	5.6	18.7	47.3
Gross profit	2,616.0	2,663.1	2,800.6	2,746.4	2,991.7	2,759.8	3,141.2	2,917.9	2,235.3	3,082.4	3,475.7	3,363.7	2,866.0
Gross margins (%)	50.7	51.4	50.7	53.9	48.0	48.4	48.5	49.8	54.6	48.9	50.8	48.4	47.5
Staff cost	365.1	464.6	432.7	451.4	421.1	464.3	495.6	479.7	387.2	433.1	472.1	470.9	432.1
A&P	714.6	703.1	755.4	799.1	797.6	745.1	781.8	787.9	494.4	802.9	922.2	945.6	760.9
Other expenses	624.4	578.5	654.5	779.3	768.6	684.6	838.7	827.4	595.8	774.0	835.8	933.6	752.1
EBITDA	911.8	917.0	958.0	716.5	1,004.3	865.8	1,025.0	822.9	758.0	1,072.3	1,245.5	1,013.6	920.9
Y/Y (%)	47.1	39.5	26.8	7.7	0.0	-5.6	7.0	-18.1	-24.5	23.9	21.5	23.2	21.5
EBITDA margins (%)	17.7	17.7	17.3	14.1	16.1	15.2	15.8	14.1	18.5	17.0	18.2	14.6	15.3
PBT	728.2	760.0	802.4	566.6	835.6	675.5	831.3	626.2	582.2	922.8	1,081.7	944.4	776.2
Y/Y (%)	90.4	76.8	47.2	9.9	14.7	-11.1	3.6	10.5	-30.3	36.6	30.1	50.8	33.3
PAT	473.7	495.4	521.0	390.5	547.6	785.9	557.0	384.5	440.7	724.1	805.3	735.5	598.3
Y/Y (%)	84.4	73.2	48.8	14.2	15.6	58.6	6.9	-1.5	-19.5	-7.9	44.6	91.3	35.7
% of sales													
Staff cost	7.1	9.0	7.8	8.9	6.8	8.1	7.6	8.2	9.5	6.9	6.9	6.8	7.2
A&P	13.8	13.6	13.7	15.7	12.8	13.1	12.1	13.5	12.1	12.7	13.5	13.6	12.6
Other expenses	12.1	11.2	11.8	15.3	12.3	12.0	12.9	14.1	14.6	12.3	12.2	13.4	12.5
Volume (m cases)	,												
P&A	1.7	1.5	1.6	1.4	2.0	1.6	1.9	1.5	1.1	1.7	2.0	1.8	1.5
Popular	3.9	3.7	4.1	3.8	4.3	4.2	4.6	4.3	2.5	4.4	4.5	4.5	4.1
Volume mix (%)													
P&A	30.7	28.1	27.7	26.8	31.8	28.2	29.5	26.3	29.7	28.0	30.8	28.2	26.4
Popular	69.3	71.9	72.3	73.2	68.2	71.8	70.5	73.7	70.3	72.0	69.2	71.8	73.6
Value mix						,		,					
P&A	50.7	49.0	48.7	47.9	50.8	48.0	50.0	49.5	50.7	50.0	51.5	52.0	46.8
Popular	49.3	51.0	51.3	52.1	49.2	52.0	50.0	50.5	49.3	50.0	48.5	48.0	53.2
Source: Company													

Conference-call takeaways

- Management is confident about export opportunities. The company believes the scale-up in Rampur single malt, Jaisalmer gin and local bottling (primarily for mass-market products) in some export markets (pilot project started in Malaysia, exploring in Africa, South America) should drive exports (now ~7% of sales).
- Rampur single malt, Jaisalmer gin in process of being lifted by CSD channel. Management sees a healthy opportunity here too as other BIO products are seeing some constraints in this channel.
- 8 PM premium whisky remains on strong footing Currently, 8 PM premium whisky is available in 16 states. Ahead, the company will extend this to another 5-6 states. Management is targeting 2m cases in the current fiscal (vs. 1.2m last year).
- Radico Khaitan has gained market share in P&A. It now has an 8% share in total alcoholic beverages and 6% in whisky. The launches will help further strengthen its market share in P&A and whisky overall.
- Radico has ~30%+ market share in UP and is confident of growth in the state. Further it is looking at strengthening its market share in Telengana, Karnataka and Andhra Pradesh.
- Cash utilisation. Given the good cash generated, management will look at investing in opportunities which can generate 20-25% RoCEs. The balance will be used to drive shareholder returns through higher dividend payouts or share buybacks, depending on a Board decision.
- Change in auditor. The company has appointed M/s Walker Chandiok & Co LLP (an affiliate of Grant Thorton) as statutory auditor for five years.
- Ethanol blending would result in some price rises in ENA. Management does not see this as a major challenge given its healthy premiumisation focus.

Valuation

We expect a 14% revenue CAGR, with a 12% volume CAGR, resulting in an overall 14% sales CAGR over FY21-23. ENA prices are likely to see some inflation, however, management expects to offset the same through its focus on premiumisation. We are factoring stable gross margins in FY22 & some dip in EBITDA margins as we built in higher selling & distribution expenses to support new launches. However, premiumisation trajectory is expected to improve over FY21-23 with further scale up in 8PM premium whisky, Rampur single malt & Jaisalmer Gin and new launches in P&A segment. This we believe will drive realisations and improve overall margin profile for the company. We are factoring ~80bp EBITDA margin expansion over FY21-23.

Radico Khaitan has all the suitable ingredients (Superior execution, market share gains, healthy new launch pipeline in P&A segment in H2 FY22, strong balance sheet & likely improvement in return profile) for rerating to continue. We expect discount to United Spirits to reduce, raise target multiple to 35x FY23e earnings (~20% discount to UNSP, earlier 27x). We maintain our Buy rating, with a revised target price of Rs 1009 (earlier Rs721).

Fig 8 – Change in estimates Old estimates Revised estimates Change (%) (Rs m) FY22 FY23 FY22 FY23 FY22e 27,389 30,878 27,927 31,563 Sales 2 **EBITDA** -2 4,682 5,364 4,587 5,602 EBITDA margins % 17.1 17.4 16.4 17.7 PAT 3,078 3,631 3,037 3,850 -1 6

Fig 9 - One-year-forward PE Chart

Source: Anand Rathi Research



Source: BSE, Anand Rathi Research

Risks

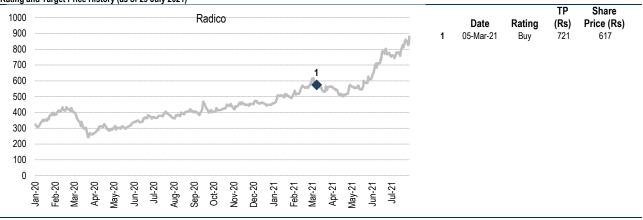
 Delayed launches/adverse regulation in key markets could impact earnings.

Appendix

Analyst Certification

The views expressed in this Research Report accurately reflect the personal views of the analyst(s) about the subject securities or issuers and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. The research analysts are bound by stringent internal regulations and also legal and statutory requirements of the Securities and Exchange Board of India (hereinafter "SEBI") and the analysts' compensation are completely delinked from all the other companies and/or entities of Anand Rathi, and have no bearing whatsoever on any recommendation that they have given in the Research Report.

Important Disclosures on subject companies Rating and Target Price History (as of 29 July 2021)



Anand Rathi Ratings Definitions

Analysts' ratings and the corresponding expected returns take into account our definitions of Large Caps (>US\$1bn) and Mid/Small Caps (<US\$1bn) as described in the Ratings Table below:

Ratings Guide (12 months)				
	Buy	Hold	Sell	
Large Caps (>US\$1bn)	>15%	5-15%	<5%	
Mid/Small Caps (<us\$1bn)< td=""><td>>25%</td><td>5-25%</td><td><5%</td><td></td></us\$1bn)<>	>25%	5-25%	<5%	

Research Disclaimer and Disclosure inter-alia as required under Securities and Exchange Board of India (Research Analysts) Regulations, 2014

Anand Rathi Share and Stock Brokers Ltd. (hereinafter refer as ARSSBL) (Research Entity) is a subsidiary of Anand Rathi Financial Services Ltd. ARSSBL is a corporate trading and clearing member of Bombay Stock Exchange Ltd, National Stock Exchange of India Ltd. (NSEIL), Multi Stock Exchange of India Ltd (MCX-SX) and also depository participant with National Securities Depository Ltd (NSDL) and Central Depository Services Ltd. ARSSBL is engaged in the business of Stock Broking, Depository Participant and Mutual Fund distributor.

The research analysts, strategists, or research associates principally responsible for the preparation of Anand Rathi research have received compensation based upon various factors, including quality of research, investor client feedback, stock picking, competitive factors and firm revenues.

General Disclaimer: This Research Report (hereinafter called "Report") is meant solely for use by the recipient and is not for circulation. This Report does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. The recommendations, if any, made herein are expression of views and/or opinions and should not be deemed or construed to be neither advice for the purpose of purchase or sale of any security, derivatives or any other security through ARSSBL nor any solicitation or offering of any investment /trading opportunity on behalf of the issuer(s) of the respective security (ies) referred to herein. These information / opinions / views are not meant to serve as a professional investment guide for the readers. No action is solicited based upon the information provided herein. Recipients of this Report should rely on information/data arising out of their own investigations. Readers are advised to seek independent professional advice and arrive at an informed trading/investment decision before executing any trades or making any investments. This Report has been prepared on the basis of publicly available information, internally developed data and other sources believed by ARSSBL to be reliable. ARSSBL or its directors, employees, affiliates or representatives do not assume any responsibility for, or warrant the accuracy, completeness, adequacy and reliability of such information / opinions / views. While due care has been taken to ensure that the disclosures and opinions given are fair and reasonable, none of the directors, employees, affiliates or representatives of ARSSBL shall be liable for any direct, indirect, special, incidental, consequential, punitive or exemplary damages, including lost profits arising in any way whatsoever from the information / opinions / views contained in this Report. The price and value of the investments referred to in this Report and the income from them may go down as well as up, and

Opinions expressed are our current opinions as of the date appearing on this Research only. We do not undertake to advise you as to any change of our views expressed in this Report. Research Report may differ between ARSSBL's RAs and/ or ARSSBL's associate companies on account of differences in research methodology, personal judgment and difference in time horizons for which recommendations are made. User should keep this risk in mind and not hold ARSSBL, its employees and associates responsible for any losses, damages of any type whatsoever.

ARSSBL and its associates or employees may; (a) from time to time, have long or short positions in, and buy or sell the investments in/ security of company (ies) mentioned herein or (b) be engaged in any other transaction involving such investments/ securities of company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) these and other activities of ARSSBL and its associates or employees may not be construed as potential conflict of interest with respect to any recommendation and related information and opinions. Without limiting any of the foregoing, in no event shall ARSSBL and its associates or employees or any third party involved in, or related to computing or compiling the information have any liability for any damages of any kind.

Details of Associates of ARSSBL and Brief History of Disciplinary action by regulatory authorities & its associates are available on our website i.e. www.rathionline.com

Disclaimers in respect of jurisdiction: This report is not directed to, 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 or regulation or which would subject ARSSBL to any registration or licensing requirement within such jurisdiction(s). No action has been or will be taken by ARSSBL in any jurisdiction (other than India), where any action for such purpose(s) is required. Accordingly, this Report shall not be possessed, circulated and/or distributed in any such country or jurisdiction unless such action is in compliance with all applicable laws and regulations of such country or jurisdiction. ARSSBL requires such recipient to inform himself about and to observe any restrictions at his own expense, without any liability to ARSSBL. Any dispute arising out of this Report shall be subject to the exclusive jurisdiction of the Courts in India.

Statements on ownership and material conflicts of interest, compensation - ARSSBL and Associates

Answers to the Best of the knowledge and belief of ARSSBL/ its Associates/ Research Analyst who is preparing this report

Research analyst or research entity or his associate or his relative has any financial interest in the subject company and the nature of such financial interest.	No
ARSSBL/its Associates/ Research Analyst/ his Relative have actual/beneficial ownership of one per cent or more securities of the subject company, at the end of the month immediately preceding the date of publication of the research report?	No
ARSSBL/its Associates/ Research Analyst/ his Relative have actual/beneficial ownership of one per cent or more securities of the subject company	No
ARSSBL/its Associates/ Research Analyst/ his Relative have any other material conflict of interest at the time of publication of the research report?	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have managed or co-managed public offering of securities for the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation or other benefits from the subject company or third party in connection with the research report	No
ARSSBL/its Associates/ Research Analyst/ his Relative have served as an officer, director or employee of the subject company.	No

Other Disclosures pertaining to distribution of research in the United States of America

This research report is a product of ARSSBL, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by ARSSBL only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, ARSSBL has entered into an agreement with a U.S. registered broker-dealer, Cabrera Capital Markets. ("Cabrera"). Transactions in securities discussed in this research report should be effected through Cabrera or another U.S. registered broker dealer.

- 1. ARSSBL or its Affiliates may or may not have been beneficial owners of the securities mentioned in this report.
- 2. ARSSBL or its affiliates may have or not managed or co-managed a public offering of the securities mentioned in the report in the past 12 months.
- 3. ARSSBL or its affiliates may have or not received compensation for investment banking services from the issuer of these securities in the past 12 months and do not expect to receive compensation for investment banking services from the issuer of these securities within the next three months.
- 4. However, one or more of ARSSBL or its Affiliates may, from time to time, have a long or short position in any of the securities mentioned herein and may buy or sell those securities or options thereon, either on their own account or on behalf of their clients.
- 5. As of the publication of this report, ARSSBL does not make a market in the subject securities.
- 6. ARSSBL or its Affiliates may or may not, to the extent permitted by law, act upon or use the above material or the conclusions stated above, or the research or analysis on which they are based before the material is published to recipients and from time to time, provide investment banking, investment management or other services for or solicit to seek to obtain investment banking, or other securities business from, any entity referred to in this report.
- © 2021. This report is strictly confidential and is being furnished to you solely for your information. All material presented in this report, unless specifically indicated otherwise, is under copyright to ARSSBL. None of the material, its content, or any copy of such material or content, may be altered in any way, transmitted, copied or reproduced (in whole or in part) or redistributed in any form to any other party, without the prior express written permission of ARSSBL. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of ARSSBL or its affiliates, unless specifically mentioned otherwise.

Additional information on recommended securities/instruments is available on request.

ARSSBL registered address: Express Zone, A Wing, 9th Floor, Western Express Highway, Diagonally Opposite Oberoi Mall, Malad (E), Mumbai – 400097. Tel No: +91 22 6281 7000 | Fax No: +91 22 4001 3770 | CIN: U67120MH1991PLC064106.