ANANDRATHI

India I Equities

Retail

Company Update

Change in Estimates ☑ Target ☑ Reco □

24 May 2022

Aditya Birla Fashion and Retail

Strengthening balance sheet to accelerate growth; maintaining a Buy

Despite Covid'19 disruptions in Jan'22, ABFRL reported healthy revenue and margin growth in Q4 FY22. Its FY22 performance was good on the back of easing Covid'19 restrictions, investments in network expansion, inorganic acquisitions and e-commerce. Focusing on long-term strengthening of its balance sheet so that its expansion over the next 3-5 years is not hampered, it approved raising Rs22bn through a primary issue to GIC. It plans to use this capital to accelerate its growth engine built around its current brands. We raise our FY23e/24e capex to ~Rs6.5-7bn, and, hence our revenue assumption 6%/10% over FY23/24. We reduce our FY23e/24e EBITDA margin to 15%/15.3% as we factor in more marketing spends, higher other overheads and investments. We factor in revenue/ EBITDA CAGRs of ~34%/42% over FY22-24. We retain our Buy rating with a TP of Rs358 on ~17x FY24e EV/EBITDA (Rs353 earlier).

Healthy margins despite Covid'19 disruption. Q4 FY22 consolidated revenue/EBITDA grew ~25%/59% to Rs22.8bn/Rs3.7bn. The gross margin expanded 210bps to 55.7% (quarterly the highest of the last couple of years). The EBITDA margin expanded ~340bps y/y to 16.3%. PAT was Rs319m vs. a ~Rs2bn loss in Q4 FY21. Pantaloons' revenue rose 13% y/y to Rs6.8bn; its EBITDA margin slid to 12.1% (14.4%) Madura Lifestyle brands reported 34% y/y revenue growth to Rs13.4bn; its EBITDA margin was 23.2% (17.5% a year ago). Net debt was higher by 5% y/y to Rs. 5,303mn.

GIC to invest Rs22bn in ABFRL for a ~7.5% stake on the latter issuing equity shares and warrants preferentially to the former. The company will issue 10.2m shares and 65.8m warrants at ~Rs289 each (an 8% premium to the ruling price). ABFRL will receive Rs7.7bn now, followed by Rs14.3bn over 18 months. With the proceeds, it plans to accelerate growth in its present portfolio and incur ~Rs7bn organic capex in FY23.

Valuation. We retain our Buy rating with a TP of Rs358 based on \sim 17x FY24e EV/EBITDA. **Risk:** Keen competition cutting revenue growth.

Key financials (YE Mar)	FY20	FY21	FY22	FY23e	FY24e		
Sales (Rs m)	87,879	52,489	81,362	117,083	144,952		
Net profit (Rs m)	(1,650)	(7,360)	(1,184)	2,578	5,667		
EPS (Rs)	(2.1)	(8.0)	(1.3)	2.7	5.6		
P/E (x)	NA	NA	NA	98.1	47.7		
EV / EBITDA (x)	13.9	35.9	28.8	16.0	12.9		
P/BV (x)	11.1	6.4	10.2	6.6	4.7		
RoE (%)	(13.2)	(39.7)	(4.4)	7.8	11.8		
RoCE (%)	9.4	(9.4)	2.2	10.5	13.3		
Dividend yield (%)	-	-	-	-	-		
Net debt / equity (x)	2.3	0.2	0.2	(0.0)	(0.2)		
Source: Company, Anand Rathi Research	Note: Estimates are as reported, i.e., adjusted for IND-AS 116						

Rating: **Buy** Target Price: Rs.358 Share Price: Rs.267

Key data	ABFRL IN / PNTA.BO
52-week high / low	Rs.322 / 182
Sensex / Nifty	54053 / 16125
3-m average volume	\$9.8m
Market cap	Rs.250bn / \$3225.2m
Shares outstanding	938m

56.1
-
43.9
13.8
17.8
12.3

Estimates revision (%)	FY23e	FY24e
Sales	6.2	10.0
EBITDA	2.3	5.4
EPS	(26.0)	(11.6)



burce. Bioomberg

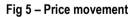
Vaishnavi Mandhaniya Research Analyst

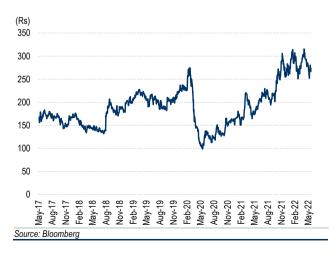
Anand Rathi Share and Stock Brokers Limited (hereinafter "ARSSBL") is a full-service brokerage and equities-research firm and the views expressed therein are solely of ARSSBL and not of the companies which have been covered in the Research Report. This report is intended for the sole use of the Recipient.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

Quick Glance – Financials and Valuations

Fig 1 – Income staten	nent (Rs	m)			
Year-end: Mar	FY20	FY21	FY22	FY23e	FY24e
Net revenues	87,879	52,489	81,362	117,083	144,952
Growth (%)	8.3	-40.3	55.0	43.9	23.8
Direct costs	42,242	25,630	37,202	55,029	68,127
SG&A	33,519	21,312	33,161	44,502	54,747
EBITDA	12,118	5,548	10,999	17,552	22,078
EBITDA margins (%)	13.8	10.6	13.5	15.0	15.2
Depreciation	8,853	9,628	9,970	11,725	12,756
Other income	653	734	1,006	1,086	1,286
Interest expenses	4,247	5,026	3,507	3,499	3,075
РВТ	-329	-8,372	-1,473	3,413	7,533
Effective tax rate (%)	-	12.1	18.3	25.0	25.0
+ Associates / (Minorities)	-	-	-	-	-
Net income	-1,650	-7,360	-1,184	2,578	5,667
Adjusted income	-1,650	-7,360	-1,184	2,578	5,667
WANS	774	915	938	949	1,014
FDEPS (Rs/ sh)	-2.1	-8.0	-1.3	2.7	5.6
FDEPS growth (%)	(151.3)	277.2	(84.3)	(315.4)	105.6
Gross margins (%)	51.9	51.2	54.3	53.0	53.0
Note: Figures are as reported					

FY20	FY21	FY22	FY23e	FY24e
3,887	-3,396	1,941	6,936	10,631
8,745	5,934	7,487	11,725	12,756
12,632	2,538	9,428	18,661	23,387
6,126	-8,528	-241	1,698	3,284
65	28	164	859	1,889
6,440	11,038	9,505	16,103	18,214
3,123	1,585	3,185	6,500	7,000
3,318	9,453	6,321	9,603	11,214
-1,363	156	-	-	-
-	-	-	-	-
72	22,388	2,476	7,802	14,250
4,856	-20,608	-4,649	-7,000	-1,500
1,027	7,147	2,422	-	-
3,760	4,448	3,004	12,128	11,704
2,096	-207	-1,279	-1,722	12,260
rch Note	e: Figures a	re as repoi	ted	
rch Note	e: Figures a	re as repoi	ted	
	3,887 8,745 12,632 6,126 65 6,440 3,123 3,318 -1,363 -72 4,856 1,027 3,760 2,096	3,887 -3,396 8,745 5,934 12,632 2,538 6,126 -8,528 65 28 6,440 11,038 3,123 1,585 3,318 9,453 -1,363 156 72 22,388 4,856 -20,608 1,027 7,147 3,760 4,448 2,096 -207	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

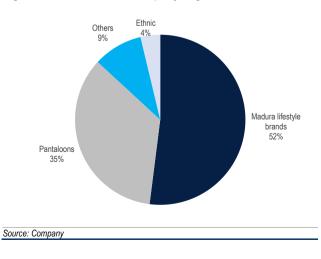




Year-end: Mar	FY20	FY21	FY22	FY23e	FY24e	
Share capital	7,740	9,151	9,383	9,485	10,143	
Net worth	10,679	26,438	27,733	38,113	58,030	
Debt	27,830	11,364	12,323	5,323	3,823	
Minority interest	199	325	152	152	152	
DTL / (Assets)*	23,068	21,295	24,876	24,876	24,876	
Capital employed	61,777	59,421	65,085	68,465	86,882	
Net tangible assets**	28,497	27,161	31,541	34,445	36,818	
Net intangible assets	1,072	6,997	6,940	7,440	7,940	
Goodwill	19,831	22,092	22,092	22,092	22,092	
CWIP (tang. & intang.)	476	395	1,051	1,051	1,051	
Investments (strategic)	72	736	759	759	759	
Investments (financial)	70	3,443	6,081	6,081	6,081	
Current assets (ex cash)	43,018	35,829	50,591	52,607	65,129	
Cash	2,669	2,618	1,205	-517	11,743	
Current liabilities	33,929	39,849	55,176	55,494	64,732	
Working capital	9,089	-4,020	-4,585	-2,887	397	
Capital deployed	61,777	59,421	65,085	68,465	86,882	
Contingent liabilities	-	-	-	-	-	
Note: Figures are as reported	d * including lease liabilities ** including right-to-use assets					

Year-end: Mar	FY20	FY21	FY22	FY23e	FY24e
P/E (x)	NA	NA	NA	98.1	47.7
EV / EBITDA (x)	13.9	35.9	28.8	16.0	12.9
EV / Sales (x)	1.9	3.8	3.9	2.4	2.0
P/B (x)	11.1	6.4	10.2	6.6	4.7
RoE (%)	-13.2	-39.7	-4.4	7.8	11.8
RoCE (%) - after tax	9.4	-9.4	2.2	10.5	13.3
ROIC (%) - after tax	4.1	-3.7	0.8	3.7	5.4
DPS (Rs /sh)	-	-	-	-	-
Dividend yield (%)	-	-	-	-	-
Dividend payout (%) - incl. DDT	-	-	-	-	-
Net debt / equity (x)	2.3	0.2	0.2	-0.0	-0.2
Receivables (days)	35	42	34	35	35
Inventory (days)	98	128	131	91	91
Payables (days)	95	150	153	110	100
CFO: PAT %	-390	-150	-803	625	321
Source: Company, Anand Rathi Researd	ch Note:	Figures are	as reporte	d	

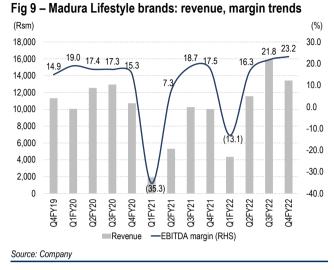
Fig 6 – FY22 revenue break-up, by segment

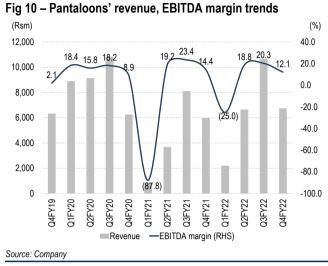


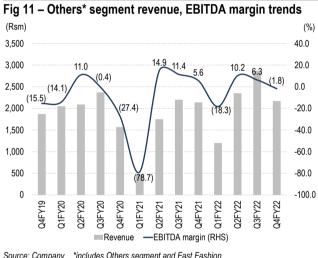
Financial highlights

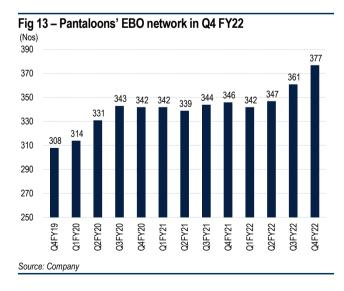
Fig 7 – Financial	perform	ance (re	ported, ie	e, includ	es IND A	S 116 im	pact)	
(Rs m)	Q4 FY22	Q4 FY21	Y/Y (%)	Q3 FY22	Q/Q (%)	FY22	FY21	Y/Y (%)
Revenue	22,828	18,216	25.3	29,871	(23.6)	81,362	52,489	55.0
Gross margins %	55.7	53.6	210bps	54.7	101bps	54.3	51.2	310bps
Employee expenses	3,068	2,412	27.2	3,155	(2.8)	11,585	8,654	33.9
Rent expenses	1,403	869	61.5	2,025	(30.7)	3,932	107	3,585.3
Other expenses	4,517	4,133	9.3	5,341	(15.4)	17,644	12,552	40.6
EBITDA	3,730	2,353	58.5	5,821	(35.9)	10,999	5,548	98.3
EBITDA margin %	16.3	12.9	342bps	19.5	-315bps	13.5	10.6	295bps
EBIT	1,062	(180)	(690.8)	3,312	(67.9)	1,029	(4,080)	(125.2)
EBIT margins %	4.7	-1.0	564bps	11.1	-643bps	1.3	-7.8	904bps
PAT	319	(1,959)	(116.3)	1,968	(83.8)	(1,184)	(7,360)	(83.9)
PAT margins %	1.4	-10.8	1,215bps	6.6	-519bps	-1.5	-14.0	1,257bps
Source: Company								

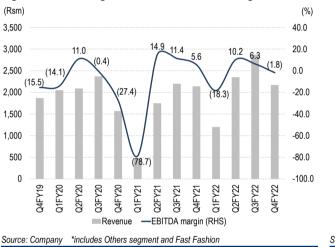
(Rs m)	Q4 FY22	Q4 FY21	Y/Y (%)	Q3 FY22	Q/Q (%)	FY22	FY21	Y/Y (%)
Segment revenue								
Madura	15,590	12,170	28.1	18,760	(16.9)	53,810	34,060	58.0
Lifestyle	13,420	10,030	33.8	15,890	(15.5)	45,220	27,500	64.4
Others	2,170	2,140	1.4	2,870	(24.4)	8,590	6,560	30.9
Pantaloons	6,750	5,970	13.1	10,660	(36.7)	26,260	18,590	41.3
Ethnic	1,010	380	165.8	1,140	(11.4)	3,120	680	358.8
Elimination	(520)	(300)	73.3	(700)	(25.7)	(1,830)	(830)	120.5
Total	22,830	18,220	25.3	29,860	(23.5)	81,360	52,500	55.0
Segment EBITDA								
Madura	3,080	1,880	63.8	3,640	(15.4)	8,040	3,660	119.7
Lifestyle	3,120	1,760	77.3	3,460	(9.8)	7,880	3,400	131.8
Others	(40)	120	(133.3)	180	(122.2)	160	260	(38.5)
Pantaloons	820	860	(4.7)	2,160	(62.0)	3,680	2,760	33.3
Ethnic	50	(240)	(120.8)	310	(83.9)	290	(390)	(174.4)
Elimination	70	20	250.0	(20)	(450.0)	20	260	(92.3)
Total	4,020	2,520	59.5	6,090	(34.0)	12,030	6,290	91.3
Segment EBITDA margins (%)								
Madura	19.8	15.4	431bps	19.4	35bps	14.9	10.7	420bps
Lifestyle	23.2	17.5	570bps	21.8	147bps	17.4	12.4	506bps
Others	(1.8)	5.6	-745bps	6.3	-812bps	1.9	4.0	-210bps
Pantaloons	12.1	14.4	-226bps	20.3	-811bps	14.0	14.8	-83bps
Ethnic	5.0	(63.2)	6,811bps	27.2	-2,224bps	9.3	(57.4)	6,665bps
Elimination	(13.5)	(6.7)	-679bps	2.9	-1,632bps	(1.1)	(31.3)	3,023bps
Total	17.6	13.8	378bps	20.4	-279bps	14.8	12.0	281bps
Segment EBIT								
Madura Fashion and Lifestyle	1,603	205	681.9	2,535	(36.8)	2,704	(2,141)	(226.3)
Pantaloons	(332)	(226)	46.9	1,042	(131.8)	(664)	(1,445)	(54.0)
Less: Deduction	(5)	(79)	(94.3)	66	(106.8)	145	(245)	(159.1)
Total	1,276	58	2,091.9	3,510	(63.7)	1,894	(3,341)	(156.7)
Segment EBIT margin (%)								
Madura Fashion and Lifestyle	10.3	1.7	860bps	13.5	-323bps	5.0	(6.3)	1,131bps
Pantaloons	(4.9)	(3.8)	-113bps	9.8	-1,468bps	(2.5)	(7.8)	524bps
Total	5.6	0.3	527bps	11.8	-617bps	2.3	(6.4)	869bps

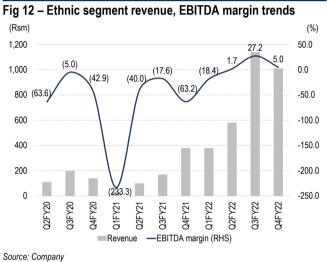


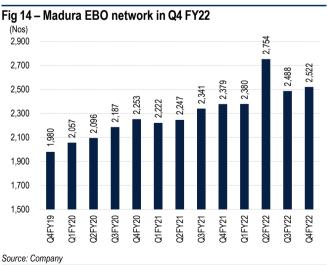




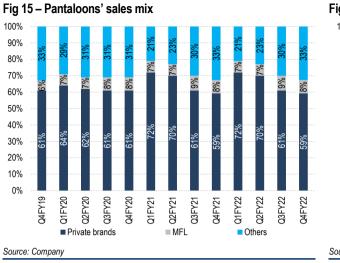


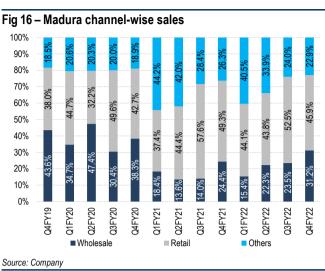






Anand Rathi Research





Other business highlights

Madura Lifestyle brands

- Madura Lifestyle brands' reported ~34% y/y revenue growth in Q4 FY22, up ~25% from pre-Covid'19 (Q4 FY20), driven by the revival of its wholesale business (71% y/y growth) and strong, 13%, comparable retail growth.
- Its EBITDA was up ~77% y/y to Rs3.1bn and the EBITDA margin expanded ~570bps y/y to 23.2%.
- For FY22 the Lifestyle brands reported ~64% y/y revenue growth to Rs45.2bn and the EBITDA margin expanded 506bps y/y to 17.4%.
- Its e-Commerce revenue grew 61% y/y in FY22 with its own Brand.com registering the highest growth of 112%.
- The EBO count was 2,522 at end-FY22 vs. 2,488 at end-Q3 FY22 and 2,379 at end-FY21.

Pantaloons

- Pantaloons' revenue grew ~13% y/y, pulled down by Covid'19 in Jan-Feb'22; Mar'22 bounced back with ~50% growth y/y. Revenue was Rs6.8bn vs. Rs6bn a year ago.
- Pantaloons reported Rs820m EBITDA in Q4 FY22 vs. Rs860m a year earlier. The EBITDA margin contracted ~226bps y/y to 12.1%.
- Pantaloons' FY22 revenue grew ~41% y/y to Rs26.3bn, driven by 33% comparable growth. The company added 31 stores in the year (net) and ended the year with 377 stores. EBITDA grew ~33% y/y to Rs3.7bn and the EBITDA margin came at 14%, down 83bps y/y.
- Its store count was 377 at end-FY22. It added 49 stores (net, 31) and renovated 10. Of the stores added, 40% were franchisees.

Fast Fashion and Others

- The 'Others' segment (innerwear and athleisure, youth western fashion and super-premium brands) reported ~1% growth to Rs2.2bn, The EBITDA margin was -1.8% vs. 5.6% a year earlier.
- In FY22 the segment reported ~31% y/y revenue growth to Rs8.6bn. The EBITDA margin, however, contracted 210bps to 1.9%.
- Innerwear, athlesire and activewear revenue grew 33% y/y in FY22. Women's wear contributed one-third of total revenue. It continued rapid network expansion with the company's products being sold at ~27,000 MBOs while building a strong retail network alongside.
- Youth western fashion. *Forever21* grew 13% y/y in FY22. It successfully piloted a partnered model and expanded its network with three new stores and plans to build on this. *American Eagle* grew 79% y/y. It is gradually building a strong departmental-store network.
- Super premium brands reported the highest revenue for *The Collective* and Mono brands. It continued its retail expansion with six stores added.

Ethnic-wear brands

- Ethic-wear brands' revenue grew ~3x to Rs1,010m in Q4 FY22; the EBITDA was Rs50m vs. a Rs240m loss a year earlier. FY22 revenue grew ~5x y/y to Rs3,120m and the EBITDA was Rs290m vs. a Rs390m loss in FY21.
- Revenue for *Jaypore* grew 40%+ y/y, driven by strong retail expansion and growth in the e-commerce channel. The company added seven stores during the year, and its newly introduced categories such as home and accessories grew 27% y/y, with men's apparel quadrupling y/y.
- Shantanu and Nikhil achieved its highest quarterly revenue in Q4 FY22 with 93% y/y growth. Two stores were opened in FY22 and it has five more in the pipeline for H1 FY23. The company is consistently investing in strengthening its brand equity.
- *Sabyasachi*'s revenue grew ~100% y/y with its accessories business growing the fastest and jewellery gaining traction. The brand continues to maintain its leading position in celebrity weddings.
- The Tasva brand was launched in partnership with Tarun Tahiliani, and is receiving good customer feedback. It opened four stores in the quarter and plans to end the year with 50+ stores.

Other

■ Net debt was Rs5,034m vs. Rs5,303m in FY21 (vs. net cash in 9M FY22)

GIC investment details

- The Board approved raising Rs22bn by issuing preference shares and warrants to GIC
- GIC will invest Rs7.7bn now, followed by Rs14.3bn in one or more tranches within 18 months of exercise of warrants
- The company will issue 10.2m shares and 65.8m warrants at Rs288.75 each (an 8% premium to the prevailing price)
- Each warrant is convertible to one equity share and can be exercised in one/more tranches within 18 months
- After the entire conversion, GIC will own ~7.5% equity stake in ABFRL and the promoter stake will be reduced to ~51.9% (from 56.4% in Mar'22)
- After the entire conversion, the number of shares outstanding will increase to 1,014m (of Rs10 each)
- ABFRL plans to use this capital to accelerate its growth engine built around the strength of its current businesses, along with a rapidlyevolving play on emerging high-growth business models

Fig 17 – Shares outstanding post the fund raising from FY2	20 (no. of shares, m)
Pre-capital infusion (no. of shares)	774
Shares issued for rights issue	90
Shares issued for stake sale to Flipkart	73
Post-capital infusion as of end-FY22end	938
Shares issued to GIC for stake sale	10
Warrants convertible to shares	66
Post-capital infusion as of end-FY24	1,014
Source: Anand Rathi Research	

Change in estimates

With the recent fund raising, we increase our FY23e capex to Rs6.5bn and FY24's to Rs7bn (from Rs4.5bn each a year earlier). Hence, with more store openings and investments, our FY23e/24e revenues are revised upward 6%/10%. Our EBITDA estimate is, however, $\sim 2\%/6\%$ higher as we expect greater investments, and costs to bounce back to pre-Covid'19 levels.

Our EPS estimate is not comparable due to the change in shares outstanding.

Fig 18 – Cha	ange in estimat	tes					
	Old		New		% Change		
(Rsm)	FY23e	FY24e	FY23e	FY24e	FY23	FY24	
Revenue	110,234	131,819	117,083	144,952	6.2	10.0	
EBITDA	17,150	20,948	17,552	22,078	2.3	5.4	
EPS	3.7	6.3	2.7	5.6	(26.0)	(11.6)	
Source: Anand Ra	thi Research						

Valuation

Its diverse categories lead us to value the company on a sum-of-parts basis. We assign 17x FY24e EV/EBITDA for its Lifestyle brands and 15x FY24e EV/EBITDA for its high-growth, value-fashion category, Pantaloons. To the Fast Fashion and other businesses (innerwear, other premium brands), we assign 1.5x FY24e EV/sales.

We maintain our Buy rating, with a target price of Rs358 at an EV/EBITDA of \sim 17x FY24e.

Fig 19 – Sum-of-parts va	aluation summary		
Business segment	FY24e	Target multiple (x)	EV (Rs m)
Madura (EBITDA)	12,678	17	215,530
Pantaloons (EBITDA)	8,141	15	122,109
Others (sales)	26,895	1.5	40,342
Sum-of-parts	47,714		377,982
Debt*			32,504
Cash			17,825
Net debt			14,680
Shareholder value			363,302
No. of shares (m)			1,014
TP (Rs)			358
CMP (Rs)			267
Upside / (downside) %			34.4
Courses Among Dothi Doorsent N	star Estimates and adjusted for IND AC 4	40 * Dahtiasludas lassa l	1.112

Source: Anand Rathi Research Note: Estimates are adjusted for IND-AS 116, * Debt includes lease liabilities

Fig 20 – Valuation parameters						
	FY20	FY21	FY22	FY23e	FY24e	
P/E (x)	NA	NA	NA	98.1	47.7	
EV / EBITDA (x)	13.9	35.9	28.8	16.0	12.9	
EV / Sales (x)	1.9	3.8	3.9	2.4	2.0	
RoE (%)	-13.2	-39.7	-4.4	7.8	11.8	
RoCE (%)	9.4	-9.4	2.2	10.5	13.3	
Source: Company Anand Ra	thi Research					

Source: Company, Anand Rathi Research

Risks

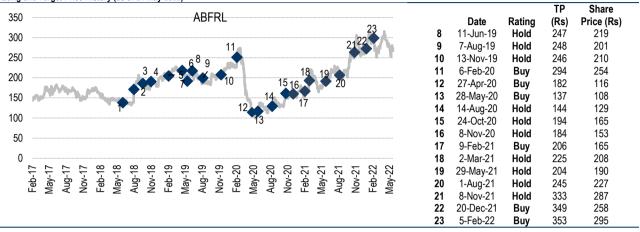
- Keen competition, slashing revenue growth.
- Mounting losses in its Fast Fashion and other businesses piling pressure on overall profitability.

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 24 May 2022)



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, SEBI Regn No. INH000000834, Date of Regn. 29/06/2015) is a subsidiary of the 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 into the business of Stock Broking, Depository Participant, 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 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
ARSSBL/its Associates/ Research Analyst/ his Relative has been engaged in market making activity for the subject company.	No

© 2022. 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 service marks 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.