Consumer Retail

3Q Preview: Jewellery and store expansion to drive growth

Overall aggregate revenue/ EBITDA growth in 3QFY25 for our consumer discretionary coverage universe is likely to be 19% (17% organic)/ 14% YoY. We expect the consumer discretionary segment to outperform the staples segment, which is expected to grow in midsingle digit YoY. Growth in the discretionary segment will be largely led by (i) Jewellery segment due to healthy festive and wedding season coupled with 3-4% correction in gold prices from highs and (ii) Avenue Supermarts, led by sharp recovery in revenue/sqft despite pressure from quick commerce. Growth in our QSR coverage will be expansion-led as SSSG/ADS recovery remains weak even on a low base. Footwear (ex- Bata) segment is expected to report double-digit growth. Shift in consumer preference towards the morevalue segment is expect to impact demand for mid-premium fashion players. Value fashion players are expected to grow in high double digits led by (1) shift from unorganised to organised segment, (2) value fashion players upping their product proposition and (3) downtrading by consumers in a challenging demand environment. Margin across our retail coverage (ex-Footwear) is expected to remain under pressure largely on account of negative leverage due to poor SSSG/LTL recovery and drag on account of store additions. Metro Brands and Go Fashion remains preferred picks within our coverage.

- SSSG remains weak within the discretionary segment ex-Titan and Avenue supermarts: We bake in 19% YoY (vs. 14% in 2Q; 17% organic growth in 3QFY25) aggregate revenue growth for our consumer retail coverage, led by (i) 27% growth in QSR (20% in 2Q; 13% YoY organic growth expected in 3Q), (ii) 24% growth in Titan (13% in 2Q), and (iii) 17% growth in Avenue Supermarts (14% in 2Q). The sector performance was dragged by (i) 10% growth in Apparel (9% in 2Q; 2% organic growth in 3QFY25) and (ii) 9% growth in footwear (vs. 8% in 2Q). Titan remains a positive outlier with ~24% growth led by a healthy wedding and festive season and reduction of 3-4% in gold price from its highs. Avenue Supermarts has shown better growth (~18% YoY in 3Q) led by strong recovery in revenue/sqft despite increasing competition from quick commerce players. Growth in QSR is primarily driven by store addition as the SSSG across the sector (ex-Jubilant) remains weak. Jubilant remains an outlier within QSR with 12.5% LFL growth, implying 10-11% SSSG. Footwear (ex-Bata) segment is expected to witness healthy growth in the guarter led by a healthy festive and wedding season while apparel is expected to struggle (2% organic growth) as demand for both ABFRL (ex-TCNS) and Go Fashion remains impacted majorly led by increasing consumer preference towards the value segment, which is expected to witness high double digit growth.
- EBITDA margin contraction on weak SSSG and robust store expansion: EBITDA growth is expected to be lower at 14% (vs. -1% in 2Q) vs. revenue growth of 19% YoY as margin is expected to contract by ~50bps YoY. EBITDA margin contraction is led by (i) ~50bps YoY contraction in QSR, (ii) ~120bps YoY contraction in Titan, and (iii) ~130bps YoY contraction in Apparel. On the other hand, Avenue Supermarts and footwear segment are likely to see EBITDA margin expansion of 20bps/220bps YoY respectively. Margins will remain impacted in Titan despite high growth and robust demand due to (i) higher salience of plain gold and gold coin in sales, and (ii) one-time impact of custom duty rate cuts (~30bps expansion after adjusting custom duty losses, largely led by ~940 bps expansion in margin in watches segment). Margin expansion is expected in footwear segment due to weak base in Bata and Campus and lower losses in FILA vs. last year. Avenue Supermarts is expected to see margin expansion as we expect an increase in the share of GM&A, which is margin-accretive. Margin in the apparel segment are expected to remain weak largely due to high base and weak operating performance. We expect weak SSSG in the QSR segment to result in weak operating leverage, leading to margin contraction in the segment.
- Key outliers within consumer retail space: Avenue Supermarts, Campus Activewear and Metro Brands are the positive outliers leading with robust revenue and PAT growth. Titan has shown robust revenue growth and is expected to report healthy margins (adjusting custom duty losses). Bata and ABFRL are negative outliers in the segment and are expected to report 4%/2% organic growth led by subdued demand.



Gaurav Jogani gaurav.jogani@jmfl.com | Tel: (91 22) 66303085 Mehul Desai

mehul.desai@jmfl.com | Tel: (91 22) 66303065

Tanuj Pandia tanuj.pandia@jmfl.com | Tel: (91 22) 66303051

JM Financial Research is also available on: Bloomberg - JMFR <GO>, Thomson Publisher & Reuters, S&P Capital IQ, FactSet and Visible Alpha

Please see Appendix I at the end of this report for Important Disclosures and Disclaimers and Research Analyst Certification.

		Rever	nue	EBITDA		Adjusted PAT		
Sector	Company	(INR bn)	YoY (%)	(INR bn)	YoY (%)	(INR bn)	YoY (%)	
	Bata	9.4	4	2.1	14	0.7	21	
Footwear	Metro Brands	7.2	13	2.3	14	1.2	24	
	Campus Activewear	5.3	11	0.9	59	0.5	105	
	Devyani International*	13.2	56	2.2	53	0.1	57	
OCD	Sapphire Foods	7.6	14	1.4	11	0.1	46	
QSR	Westlife Foodworld	6.6	12	1.0	3	0.1	(33)	
	Restaurant Brands Asia	5.0	11	0.8	11	-0.2	150	
Jewellery	Titan Co#	161.7	24	16.1	10	10.6	2	
Annoval	ABFRL^	38.6	10	5.7	0	0.1	(83)	
Apparel	Go Fashion	2.2	9	0.7	9	0.3	17	
F&G	Avenue Supermarts	155.7	17	13.5	20	8.9	21	
	Total	412.3	19	46.6	14	22.5	9	

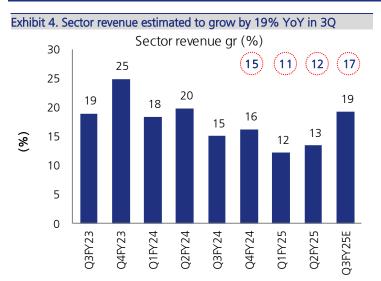
Source: Companies, JM Financial; *Note: Devyani Q3FY25 revenue growth stood at ~13% after excluding Thailand business which was consolidated from Q4FY24; ^Note: ABFRL base doesn't include TCNS (2% organic growth), #Note: Titan EBITDA includes custom duty cut led losses (27% YoY EBITDA growth excluding custom duty losses)

	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24	Q3FY24	Q4FY24	Q1FY25	Q2FY25	Q3FY25E
Jewellery										
Kalyan Jewellers (SSSG)^				15.0	10.0	11.0	17.0	12.0	23.0	NA
QSR										
Jubilant Foodworks (LFL)*	8.4	0.3	-0.6	-1.3	-1.3	-2.9	0.1	3.0	2.8	12.5
Westlife Foodworld (SSSG)	40.2	20.0	14.0	7.0	1.0	(9.0)	(5.0)	(6.7)	(6.5)	4.0
KFC - DIL (SSSG)	13.0	3.0	1.9	(0.9)	(3.9)	(4.7)	(7.1)	(7.0)	(7.0)	(4.0)
Pizza Hut - DIL (SSSG)	2.9	(6.1)	(3.2)	(5.3)	(10.4)	(12.6)	(14.0)	(8.6)	(5.7)	-
KFC - SF (SSSG)	15.0	3.0	2.0	-	-	(2.0)	(3.0)	(6.0)	(8.0)	(4.0)
Pizza Hut - SF (SSSG)	23.0	(4.0)	(4.0)	(9.0)	(20.0)	(19.0)	(15.0)	(7.0)	(3.0)	3.0
Restaurant Brands Asia (SSSG)	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	(0.0)	0.0
Apparel										
Page (Volume)^	-	(11.4)	(14.8)	(11.2)	(8.3)	4.6	6.2	2.6	6.7	NA
Style Bazaar (SSSG)*								5	41	3
Go Fashion (SSSG)	30.0	10.0	17.0	2.0	(1.0)	-	1.0	0.2	0.5	-
V-Mart (SSSG)*	57.0	1.0	10.0	(2.7)	(6.0)	4.0	6.0	11.0	16.0	10.0
Footwear										
Campus Activewear	16.0	5.5	(2.1)	0.7	(27.9)	(0.5)	4.0	2.8	36.4	17.0

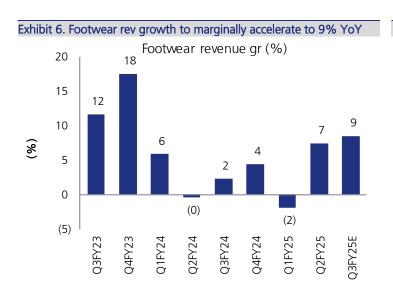
Source: Company, JM Financial; *Note: Q3FY25 figures are reported by the company; ^Note: Q3FY25 estimates not provided as the company is not under our coverage

Exhibit 3. Valuation	n summ	ary																		
		Mcap	CMP	TP	Upside		JM EPS (INR)				CAGR (FY24-27) PE (x)						EV/EBITDA (x)			
Sector/ Co	Rating	(USD bn)	(INR)	(INR)	(%)	FY24	FY25E	FY26E	FY27E	Revenue	EBITDA	EPS	FY24	FY25E	FY26E	FY27E	FY24	FY25E	FY26E	FY27E
Retail																				
Titan Inds	HOLD	36.5	3,470	3,400	-2	40	37	54	65	14%	20%	18%	87	95	64	53	65	64	45	37
Avenue Supermarts	HOLD	30.3	3,934	4,450	13	41	47	56	67	18%	19%	18%	96	84	70	59	66	57	48	39
Metro Brands Ltd	BUY	4.0	1,240	1,375	11	14	15	20	25	16%	21%	23%	91	82	61	49	68	63	47	38
ABFRL	HOLD	3.4	266	310	17	-2	1	3	4	11%	78%	NM	NM	384	98	66	138	44	30	23
Go Fashion	BUY	0.6	981	1,325	35	18	19	25	31	16%	16%	19%	54	52	40	32	38	36	28	22
Campus	BUY	1.1	300	350	17	3	4	6	7	14%	23%	32%	97	72	54	43	53	44	34	28
Restaurant Brands	HOLD	0.5	84	93	11	-0	-1	-0	0	15%	32%	NM	NM	NM	NM	NM	54	46	31	25
Bata India	HOLD	2.2	1,426	1,400	-2	23	18	26	34	8%	12%	13%	62	79	55	42	44	55	39	31
Westlife Food	BUY	1.5	805	885	10	7	6	13	16	14%	23%	35%	123	139	62	50	48	52	32	26
Devyani International	BUY	2.8	198	190	-4	2	1	2	3	27%	34%	13%	101	177	95	70	64	48	34	27
Sapphire Foods India	BUY	1.3	354	385	9	2	2	3	6	17%	23%	33%	144	208	105	62	41	44	30	22

Source: Company, JM Financial; Note: Figures are Pre IND AS 116.



Source: Company, JM Financial; Note: Figures in circle represent organic growth



Source: Company, JM Financial



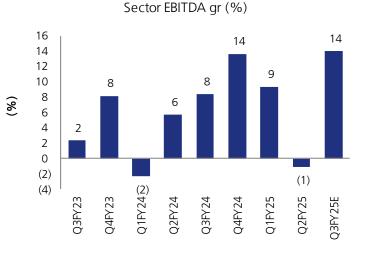
Source: Company, JM Financial; Note: Q3FY25 growth includes Thailand business

6 January 2025



Source: Company, JM Financial; Note: (1) Figures in circle represent organic growth (ex-Thailand business acquisition)

Exhibit 7. EBITDA growth for coverage universe expected at 14% YoY



Source: Company, JM Financial

Exhibit 9. Footwear expected to see 20% YoY EBITDA growth Footwear EBITDA gr (%) 25 20 18 20 15 10 6 2 5 2 0 (%) 0 (0) (5) (10) (15)(14)(15) (20) Q1FY25 Q3FY25E Q3FY23 Q4FY23 Q3FY24 Q4FY24 Q2FY25 Q1FY24 Q2FY24

Source: Company, JM Financial; Note: Q3FY25 high growth is due to low base in Q3FY24

6 January 2025

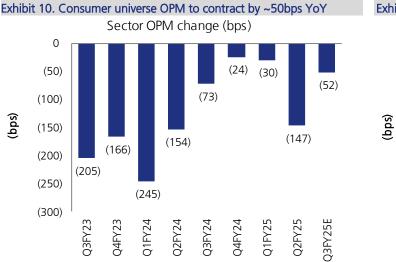
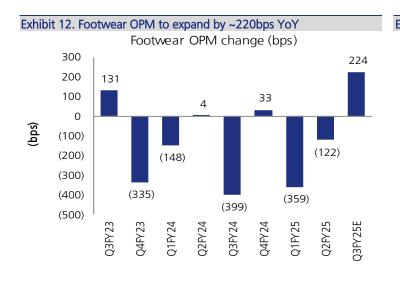
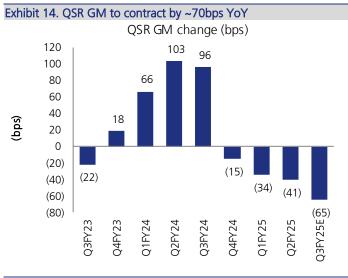


Exhibit 11. QSR OPM to contract by ~50bps YoY in 3Q QSR OPM change (bps) 0 (50)(49) (100)(112)(116) (113) (150)(160)(181)(200)(190) (197) (194)(250) Q3FY23 Q2FY25 Q3FY24 Q4FY24 Q1FY25 Q3FY25E Q4FY23 Q1FY24 Q2FY24

Source: Company, JM Financial

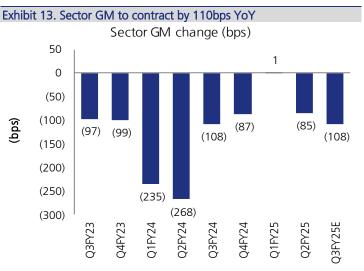


Source: Company, JM Financial; Note: Margin expansion in Q3FY25 is due to weak base in Q3FY24

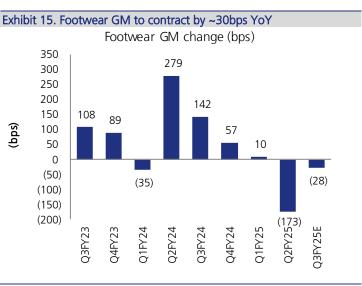


Source: Company, JM Financial

Source: Company, JM Financial



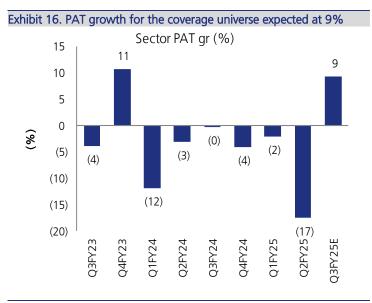
Source: Company, JM Financial



Source: Company, JM Financial

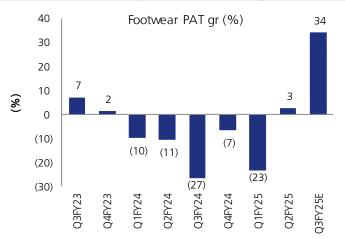
(31)

Q3FY25E



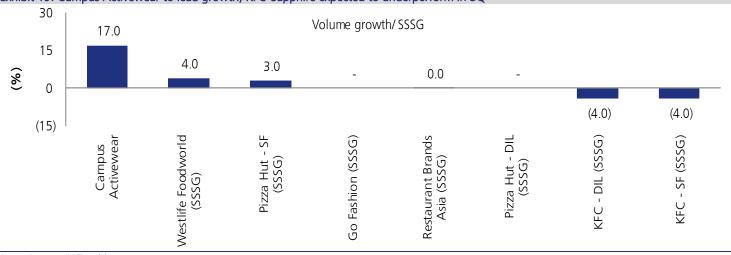
Source: Company, JM Financial

Exhibit 18. Footwear PAT expected to witness 34% growth YoY



Source: Company, JM Financial; Note: PAT growth of 34% in Q3FY25 is due to weak base in Q3FY24

Exhibit 19. Campus Activewear to lead growth, KFC-Sapphire expected to underperform in 3Q



Source: Company, JM Financial

Source: Company, JM Financial

100

50

0

(50)

(100)

(150)

(%)

12

Q3FY23

Q4FY23

Exhibit 17. QSR PAT is expected to decline by 31% YoY

(33)

Q1FY24

79

QSR PAT gr (%)

(32)

Q2FY24

(79)

Q3FY24

(118)

Q4FY24

(80)

Q1FY25

(115)

Q2FY25



Source: Company, JM Financial; *Note: Growth ex-Thailand business is ~13% YoY; #Note: Growth ex-TCNS business is ~2% YoY



Source: Company, JM Financial; *Note: EBITDA growth to remain at 27% for Titan excluding one-time custom duty impact.

Exhibit 22. Company wise 3	BQFY25 resul	t preview fo	r consumer ret	tail sector		
Companies	Q3FY24	Q2FY25	Q3FY25E	YoY (%)	QoQ (%)	Comments
Avenue Supermarts (Parent)						
Revenues (INR mn)	132,473	140,503	155,652	17	11	
Gross margin (%)	14.2	14.2	14.4	20 bps	21 bps	Revenue to grow 17.5% YoY led by store expansion (addition o
EBITDA (INR mn)	11,209	11,051	13,489	20	22	10 stores QoQ to 387 stores). Sales/ sq. ft. is expected to grow
EBITDA margin (%)	, 8.5	7.9	8.7	20 bps	80 bps	_3% YoY. We expect EBITDA margin to expand ~20 bps largely led by ~20 bps GM expansion.
Net income (INR mn)	7,368	7,104	8,930	21	26	
Titan (Parent)	,	,	,			
Revenues (INR mn)	130,520	132,150	161,723	24	22	Overall standalone sales is expected to grow ~24% YoY led by
Gross margin (%)	21.7	19.4	19.3	-241 bps	-9 bps	jewellery business growth at ~26% YoY (ex-bullion), Watches u
EBITDA (INR mn)	14,570	11,330	16,052	10	42	15% YoY and Eyewear up 18% YoY. We expect 11.7% jewelle
EBITDA margin (%)	11.2	8.6	9.9	-124 bps	135 bps	-EBIT margin (ex-bullion sales and adjusting for custom duty led
Net income (INR mn)	10,400	7,050	10,577	2	50	_losses; 50 bps dip YoY). Overall, we estimate standalone EBITDA PAT growth of 27/ 22% YoY (ex- custom duty impact).
Bata (Parent)	10,100	7,050	10,577	E	50	
Revenues (INR mn)	9,035	8,371	9,400	4	12	
Gross margin (%)	56.0	56.6	55.0	-96 bps	-163 bps	We expect 4% revenue growth led by sustained weakness in
EBITDA (INR mn)	1,818	1,746	2,070	-90 bps	-105 bps 19	demand. We expect EBITDA to grow 14% YoY on 190 bps YoY
EBITDA (INK IIII) EBITDA margin (%)	20.1	20.9	2,070	190 bps	116 bps	–EBITDA margin expansion largely account of weak base (high
Net income (INR mn)	573	520	693	190 bps 21	33	marketing and IT related costs).
	575	520	095	21		
Metro Brands (Consol) Revenues (INR mn)	6,355	5,855	7,177	13	23	
						We bake in ~13% growth YoY led by store addition (35 store
Gross margin (%)	59.9	55.0	59.7	-19 bps	466 bps 47	addition QoQ); revenue/sq. ft. is expected to remain flat YoY as
EBITDA (INR mn)	1,990	1,548	2,270	21 has		-demand uptick has been weaker vs expected. EBITDA margins to
EBITDA margin (%)	31.3	26.4	31.6	31 bps	517 bps	expand by 30 bps YoY due to Cravatex losses in base.
Net income (INR mn)	978	696	1,214	24	75	
Campus Activewear (Parent)	4 7 9 9	2.222	5.955		50	
Revenues (INR mn)	4,720	3,333	5,255	11	58	–We bake in ~11% growth YoY led by 12% growth each in trad
Gross margin (%)	51.3	52.4	52.0	72 bps	-36 bps	_distribution and online channel while we expect only 6% in D2C
EBITDA (INR mn)	563	382	894	59	134	offline. We expect 17%/-5% volume/ASP growth. We expect ~510 bps YoY expansion in EBITDA margin due to low base, cos
EBITDA margin (%)	11.9	11.5	17.0	510 bps	556 bps	efficiencies and better operating leverage.
Net income (INR mn)	249	143	510	105	257	
Devyani Intl (Consol)						
Revenues (INR mn)	8,431	12,222	13,176	56		We bake in 56% YoY revenue growth, (growth ex- Thailand
Gross margin (%)	70.6	69.3	68.9	-169 bps	-42 bps	acquisition is ~13%). We expect 25/ 12 store addition in KFC/ PI QoQ. ADS/ SSSG decline of 8%/ 4% in KFC and 3% ADS decline
EBITDA (INR mn)	1,463	1,987	2,232	53	12	_ in PH with flat SSSG YoY. We bake in $18\%/4\%$ brand
EBITDA margin (%)	17.4	16.3	16.9	-42 bps	67 bps	
Net income (INR mn)	51	(19)	80	57	(518)	10% (up 80 bps YoY). We estimates revenue of INR 3.7 bn in Thailand.
Sapphire Foods (Consol)						Indiana.
Revenues (INR mn)	6,656	6,957	7,561	14	0	We have in 140/ VeV revenue growth primarily led by 24/12
Gross margin (%)	68.9	68.8	68.4	-47 bps		We bake in 14% YoY revenue growth primarily led by 34/12 store addition in KFC/ PH QoQ. KFC -ADS/ SSSG to decline 10%
EBITDA (INR mn)	1,217	1,120	1,357	-47 bps	-40 bps	4% YoY, while in PH we expect ADS/SSG growth of 1%/3%
						-YoY. We bake in 18.5%/ 4% brand contribution margin in KFC/
EBITDA margin (%)	18.3 98	16.1	17.9	-35 bps	184 bps	PH and overall pre-AS 116 margin of 10.2% (down ~70 bps YoY).
Net income (INR mn)	98	38	144	46	2//	101 <i>)</i> .
Restaurant Brands Asia (Parent)	4 45 4	4.021	4.062	1 1	1	
Revenues (INR mn)	4,454	4,921	4,963	11 46 bpc	0 hnc	-We bake in 11% YoY growth led by store openings (addition of
Gross margin (%)	67.1	67.5	67.6	46 bps	9 bps	biologini gb). We expect the to decline by 476 101. We
EBITDA (INR mn)	708	700	785	11		expect ~0.4% SSSG in Q3. We bake in ~10 bps YoY contraction in EBITDA margin despite ~50 bps YoY expansion in GM owing
EBITDA margin (%)	15.9	14.2	15.8	-7 bps	159 bps	to higher employee expense. despite cost efficiency measure.
Net income (INR mn)	(64)	(166)	(160)	150	(3)	
Westlife Foodworld (Consol)						
Revenues (INR mn)	5,925	6,154	6,636	12	8	-We bake in 12% YoY growth led by store openings (addition of
Gross margin (%)	70.3	69.7	70.0	-28 bps	33 bps	10 stores in Q3) aided by 1% YoY increase in sales/ store. We
-			000			
EBITDA (INR mn)	958	783	986	3	26	expect ~4% SSSG in Q3. We bake in ~130 bps YoY contraction
-	958 16.2 209	783 12.7 29	986 14.9 139	-132 bps (33)	26 212 bps NM	expect ~4% SSSG in Q3. We bake in ~130 bps YoY contraction in EBITDA margin owing to higher royalty and employee expens partially offset by lower occupancy expense.

Consumer Retail

6 January 2025

Companies	Q3FY24	Q2FY25	Q3FY25E	YoY (%)	QoQ (%)	Comments
ABFRL (Parent)						
Revenues (INR mn)	35,162	32,698	38,550	10	18	We expect standalone revenue growth of 10% YoY, growth is
Gross margin (%)	54.4	55.2	55.0	57 bps	-16 bps	directly not comparable as base qtr does not include TCNS number
EBITDA (INR mn)	5,687	4,204	5,703	0	36	Comparable growth is 2% YoY led by flat YoY growth in Madura and ~2% growth in Pantaloons. EBITDA margin is expected to
EBITDA margin (%)	16.2	12.9	14.8	-139 bps	193 bps	contract 140 bps YoY despite 60 bps YoY GM expansion primarily
Net income (INR mn)	451	(1,115)	77	(83)	NM	due to weak leverage.
Go Fashion (Consol)						
Revenues (INR mn)	2,021	2,085	2,210	9	6	-We bake in 9% YoY revenue growth primarily store addition led,
Gross margin (%)	66.5	68.7	66.8	34 bps	-192 bps	we expect 20/40 EBO/LFS addition (7%/19% YoY revenue growth
EBITDA (INR mn)	675	636	737	9	16	in EBO/LFS). We expect flat SSSG in Q3. We expect ~10 bps YoY
EBITDA margin (%)	33.4	30.5	33.3	-9 bps	281 bps	contraction in EBITDA margin, despite ~30 bps GM expansion, due
Net income (INR mn)	234	206	273	17	32	to negative leverage.

Source: Company, JM Financial

APPENDIX I

JM Financial Institutional Securities Limited

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd. and National Stock Exchange of India Ltd.

SEBI Registration Nos.: Stock Broker - INZ000163434, Research Analyst - INH000000610

Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India.

Board: +91 22 6630 3030 | Fax: +91 22 6630 3488 | Email: jmfinancial.research@jmfl.com | www.jmfl.com

Compliance Officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: sahil.salastekar@jmfl.com Grievance officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: instcompliance@jmfl.com

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

Definition of	ratings
Rating	Meaning
Buy	Total expected returns of more than 10% for stocks with market capitalisation in excess of INR 200 billion and REITs* and more than 15% for all other stocks, over the next twelve months. Total expected return includes dividend yields.
Hold	Price expected to move in the range of 10% downside to 10% upside from the current market price for stocks with market capitalisation in excess of INR 200 billion and REITs* and in the range of 10% downside to 15% upside from the current market price for all other stocks, over the next twelve months.
Sell	Price expected to move downwards by more than 10% from the current market price over the next twelve months.

* REITs refers to Real Estate Investment Trusts.

Research Analyst(s) Certification

The Research Analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that:

All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and

No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

Important Disclosures

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE) and National Stock Exchange of India Ltd. (NSE). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor. Registration granted by SEBI and certification from the National Institute of Securities Market (NISM) in no way guarantee performance of JM Financial Institutional Securities or provide any assurance of returns to investors.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or its associates, their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the 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 company(ies) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and their immediate relatives are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their immediate relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report. While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision.

This research report is based on the fundamental research/analysis conducted by the Research Analyst(s) named herein. Accordingly, this report has been prepared by studying/focusing on the fundamentals of the company(ies) covered in this report and other macro-economic factors. JM Financial Institutional Securities may have also issued or may issue, research reports and/or recommendations based on the technical/quantitative analysis of the company(ies) covered in this report by studying and using charts of the stock's price movement, trading volume and/or other volatility parameters. As a result, the views/recommendations expressed in such technical research reports could be inconsistent or even contrary to the views contained in this report.

The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

This report is not directed or intended for distribution to, or use by any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject JM Financial Institutional Securities and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Any U.S. person who is recipient of this report that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, must contact, and deal directly through a U.S. registered representative affiliated with a broker-dealer registered with the SEC and a member of FINRA. In the U.S., JM Financial Institutional Securities has an affiliate, JM Financial Securities, Inc. located at 1325 Avenue of the Americas, 28th Floor, Office No. 2821, New York, New York 10019. Telephone +1 (332) 900 4958 which is registered with the SEC and is a member of FINRA and SIPC.

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. If you are located in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential loss arising from any use of this research report or the information contained herein.