

India

HOLD (previously ADD)

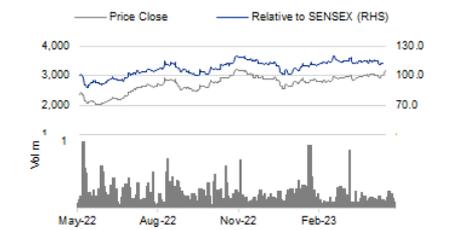
Consensus ratings*: Buy 17 Hold 4 Sell 6

Current price:	Rs3,178
Target price:	Rs3,324
Previous target:	Rs3,082
Up/downside:	4.6%
InCred Research / Consensus:	8.3%
Reuters:	JKCE.BO
Bloomberg:	JKCE IN
Market cap:	US\$2,968m
	Rs245,482m
Average daily turnover:	US\$4.2m
	Rs343.7m
Current shares o/s:	77.3m
Free float:	36.6%

*Source: Bloomberg

Key changes in this note

- Maintain net sales for FY24F-25F.
- Raise EBITDA by 1%-2% for FY24F-25F.
- Rating downgrade to HOLD from ADD.



Source: Bloomberg

Price performance	1M	3M	12M
Absolute (%)	6.2	14.9	31.0
Relative (%)	3.0	7.6	15.6

Major shareholders	% held
Promoter & Promoter Group	45.8
Fidelity Investment Trust Fidelity	5.5
Mirae Asset Emerging Fund	5.1

Analyst(s)



Nishant BAGRECHA
 T (91) 22 4161 1564
 E nishant.bagrecha@incredcapital.com

J K Cement Ltd

Strong 4QFY23; rich valuation limits upside

- 4QFY23 consolidated EBITDA stood at ~Rs3.5bn, down 9% yoy but up 41% qoq and 9% above our estimate, due to higher-than-expected realization.
- We broadly maintain our FY24F-25F EBITDA. JK Cement (JKCE) aims to raise its grinding capacity to 25mtpa by 1HFY25F.
- Downgrade the rating on JKCE to HOLD on rich valuation post stock run-up.

Steady volume/realization; new expansion provides growth visibility

JK Cement or JKCE's 4QFY23 grey cement volume (consol.) rose by ~17% yoy/13% qoq to 4.14mt driven by its new Central India capacity {via subsidiary Jaykay Cem (Central)}, operated at ~60% capacity in 4Q). Grey segment realization improved by 1.7% qoq on regional price hikes, lower clinker sales and higher trade sales. Further, JKCE witnessed a marginal reduction in pricing from exit prices of Mar 2023. With onset of the monsoon season, any major price hike could be only post-monsoon. JKCE sees ~15% yoy volume growth in grey cement in FY24F with 2.5-3mt volume (~65% utilization) targeted from Central India plant. JKCE is on track for ~3.5mtpa grinding capacity, which includes the capacity in Ujjain (by FY24F-end) and Prayagraj (acquired land, to be commissioned by 2QFY25). Paint business revenue target of Rs1.5-1.8bn in FY24F & Rs2.7-3bn in FY25F.

Blended EBITDA/t up at ~Rs766; further rise to ~Rs1,000 by 2QFY24F

Blended cost/t rose by ~6% yoy while it fell by 2% qoq to Rs5,324 during 4QFY23. Blended fuel consumption cost declined from Rs2.6/Kcal qoq to Rs2.4/Kcal in 4Q, and JKCE believes the cost can come down to Rs1.8/Kcal by 3QFY24F while pet-coke price could fall by ~US\$20/t in 1Q-2QFY24F. Lead distance declined to 438km vs. 470km qoq, and JKCE targets 425-430km lead distance in the medium term. JKCE expects EBITDA/t to improve by Rs75 in each of the next two quarters and rise to Rs1,000 by 2HFY24F.

Leverage almost at peak level; deleveraging to kick in post FY24F

Capex guidance at Rs12-14bn for FY24F and of this, Rs1.5bn is towards WHRS at South India plant, spill-over capex to Panna & Hamirpur plants at Rs1.5-2bn, capex of Ujjain unit at Rs3bn, of Prayagraj unit at Rs1.25-1.5bn and normal capex of Rs2.5bn. For FY25F, capex guidance is at Rs7-8bn, and this includes spill-over capex of Ujjain unit at Rs500m and Prayagraj unit's capex of Rs3.25-3.5bn. Consol. net debt stood at Rs29.1bn as at end-Mar 2023. Net debt at Rs34bn seems to have peaked with major expansions completed.

Downgrade rating to HOLD on rich valuation

JKCE trades at FY24F/25F EV/EBITDA of 15x/12.9x, respectively. We like JKCE's presence and new expansion in the regions having favourable demand and pricing, but we feel the current EV/t limits any further upside in the stock. We downgraded our rating to HOLD (ADD earlier) with an EV/EBITDA-based TP of Rs3,324 (Rs3,082 earlier), set at 13.5x FY25F. **Downside risks:** Weak demand, pricing pressure, delay in commissioning of capacity. **Upside risks:** Strong demand & pricing, sharp deleveraging, and cost control.

Financial Summary	Mar-21A	Mar-22A	Mar-23A	Mar-24F	Mar-25F
Revenue (Rsm)	66,061	79,908	97,202	110,501	119,179
Operating EBITDA (Rsm)	15,387	14,824	13,143	18,861	21,276
Net Profit (Rsm)	7,097	6,871	4,263	7,882	9,525
Core EPS (Rs)	91.9	88.9	55.2	102.0	123.3
Core EPS Growth	44.1%	(3.2%)	(38.0%)	84.9%	20.8%
FD Core P/E (x)	34.60	35.73	57.59	31.15	25.78
DPS (Rs)	15.0	15.0	15.0	17.3	21.0
Dividend Yield	0.47%	0.47%	0.47%	0.66%	0.80%
EV/EBITDA (x)	17.29	18.78	21.76	15.08	12.98
P/FCFE (x)	62.45	539.10	(90.96)	637.38	13.72
Net Gearing	56.0%	77.5%	88.1%	74.7%	51.7%
P/BV (x)	6.57	5.68	5.24	4.62	4.05
ROE	21.0%	17.0%	9.5%	15.8%	16.7%
% Change In Core EPS Estimates				(0.39%)	(0.36%)
InCred Research/Consensus EPS (x)					

SOURCE: INCRED RESEARCH, COMPANY REPORTS

Strong 4QFY23; rich valuation limits upside

Figure 1: Consolidated quarterly performance

Particulars (Rs m)	4QFY23	4QFY23F	3QFY23	4QFY22	% Change		
					4QFY23F	3QFY23	4QFY22
Net Sales	27,779	26,730	24,361	23,512	4%	14%	18%
Raw Materials Consumed	4,556	4,486	4,123	4,241	2%	11%	7%
Freight and Forwarding Expenses	5,905	5,631	5,179	4,870	5%	14%	21%
Power and Fuel Cost	7,748	7,281	6,960	5,243	6%	11%	48%
Employee Cost	1,681	1,813	1,601	1,358	-7%	5%	24%
Other Expenses	4,393	4,325	4,025	3,958	2%	9%	11%
Total Expenditure	24,284	23,536	21,887	19,670	3%	11%	23%
EBITDA	3,495	3,194	2,474	3,842	9%	41%	-9%
Depreciation	1,285	1,162	1,181	908	11%	9%	42%
EBIT	2,210	2,032	1,293	2,934	9%	71%	-25%
Interest	1,011	789	787	726	28%	29%	39%
Other Income	380	384	187	418	-1%	103%	-9%
PBT	1,578	1,627	693	2,627	-3%	128%	-40%
Tax	481	488	320	630	-2%	50%	-24%
PAT before MI & Associates	1,097	1,139	373	1,997	-4%	194%	-45%
Minority Interest	22	20	18	17	10%	19%	29%
Profit from Assoc.	3	0	-1	-2			
Recurring PAT	1,123	1,159	390	2,011	-3%	188%	-44%
Extraordinary Items	0	0	0	0			
Reported PAT	1,123	1,159	390	2,011	-3%	188%	-44%
EPS (Rs)	14.2	15.0	4.8	25.8	-5%	194%	-45%
Gross Margin	34%	35%	33%	39%	-46 bp	120 bp	-450 bp
EBITDA Margin	12.6%	12.0%	10.2%	16.3%	63 bp	243 bp	-376 bp
EBIT Margin	8%	8%	5%	12%	35 bp	265 bp	-452 bp
PBT Margin	6%	6%	3%	11%	-41 bp	284 bp	-549 bp
PAT Margin	4%	4%	2%	9%	-29 bp	244 bp	-451 bp
Tax Rate	30%	30%	46%	24%	47 bp	-1,575 bp	647 bp
Cost items as % of Sales							
Raw Material Cost	16%	17%	17%	18%	-38 bp	-52 bp	-164 bp
Freight Cost	21%	21%	21%	21%	19 bp	0 bp	54 bp
P&F Cost	28%	27%	29%	22%	65 bp	-68 bp	559 bp

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

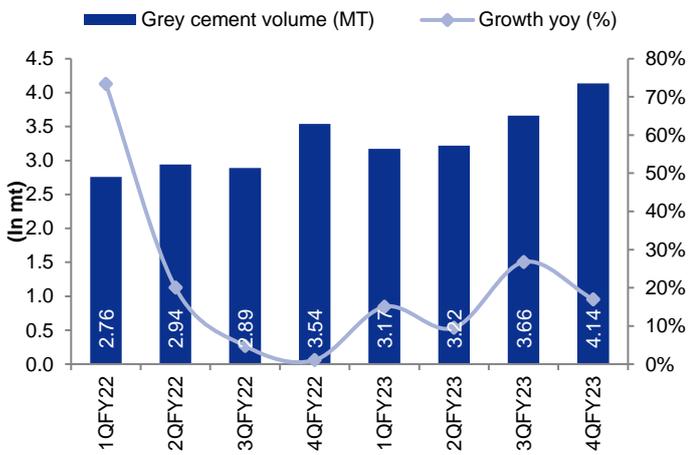
Figure 2: 4QFY23 results on per tonne analysis

Per tonne analysis	4QFY23	4QFY23F	3QFY23	4QFY22	% Change		
					4QFY23F	3QFY23	4QFY22
Sales Volume (grey+white)	4.56	4.50	4.04	3.93	1%	12.8%	16.0%
Blended Realization/t	6,091	5,940	6,023	5,979	2.5%	1.1%	1.9%
EBITDA/t	766	710	612	977	8%	25%	-22%
Raw Material Cost/t	999	997	1,019	1,078	0%	-2%	-7%
P&F Cost/t	1,699	1,620	1,721	1,333	5%	-1%	27%
Freight Cost/t	1,295	1,280	1,281	1,239	1%	1%	5%
Employee Cost/t	369	355	396	345	4%	-7%	7%
Other Expenses/t	963	940	995	1,006	2%	-3%	-4%
Total Cost/t	5,324	5,192	5,412	5,002	3%	-2%	6%

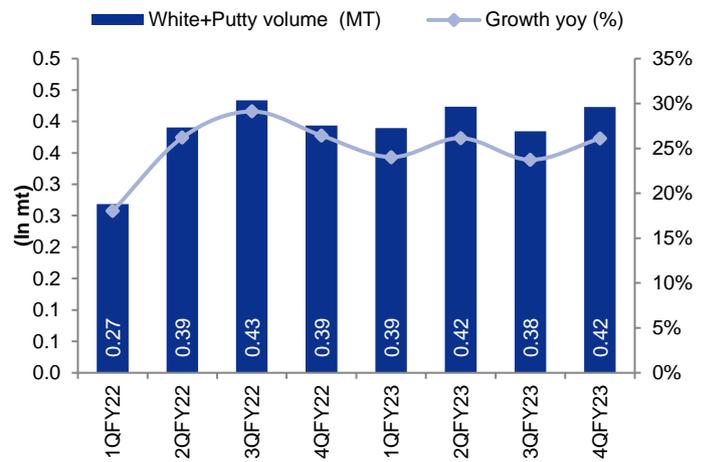
SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Key charts >

Figure 3: Grey cement sales volume up by ~17% yoy and by ~13% qoq on expanded capacity **Figure 4: White cement (including putty) volume increases by 7.4% yoy and by 10% qoq**

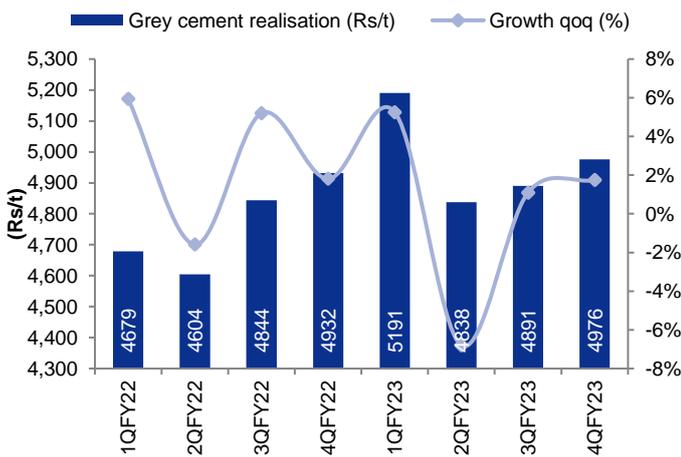


SOURCE: INCRED RESEARCH, COMPANY REPORTS



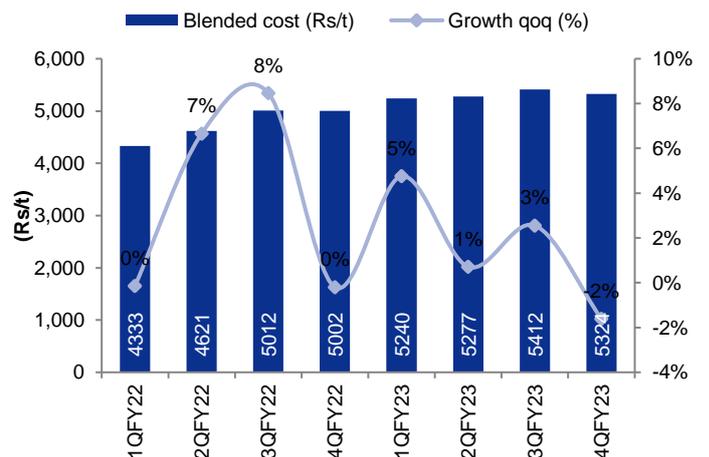
SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 5: Grey cement realization up by 1% yoy and 2% qoq



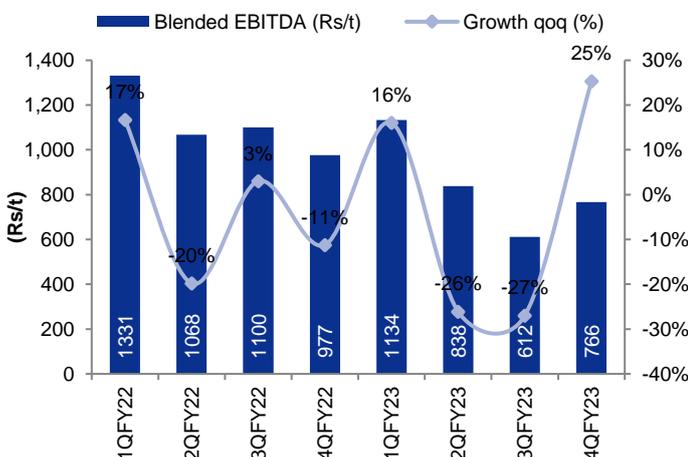
SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 6: Blended cost/t decreases by 2% qoq while up by 6% yoy



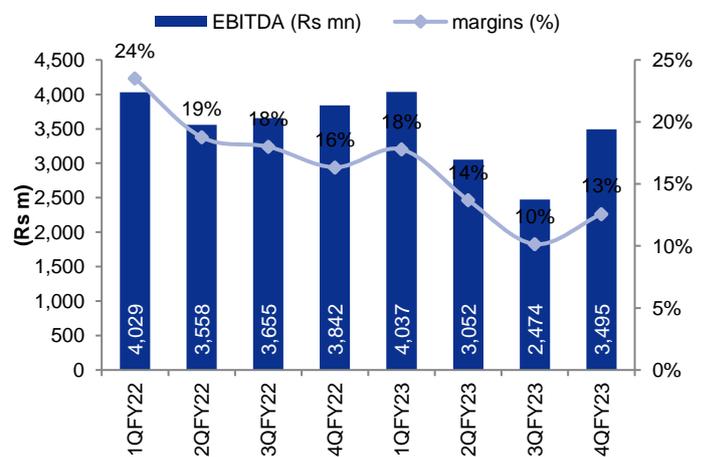
SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 7: Blended EBITDA/t improves to Rs155 qoq while down by Rs211 to Rs766



SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 8: Consolidated EBITDA at Rs3.5bn, up by 41% qoq



SOURCE: INCRED RESEARCH, COMPANY REPORTS

Figure 9: Our revised earnings estimates

Rs. m	New		Old		Change (%)	
	FY24F	FY25F	FY24F	FY25F	FY24F	FY25F
Sales	1,10,501	1,19,179	1,10,582	1,19,954	0%	-1%
EBITDA	18,861	21,276	18,553	21,094	2%	1%
Recurring PAT	7,882	9,525	7,811	9,541	1%	0%
EPS (Rs.)	102.0	123.3	101	123	1%	0%

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Figure 10: Changes in our estimates vs. Bloomberg consensus estimates

Rs. m	Incred		Consensus		Change (%)	
	FY24F	FY25F	FY24F	FY25F	FY24F	FY25F
Sales	1,10,501	1,19,179	1,08,825	1,19,526	2%	0%
EBITDA	18,861	21,276	18,689	21,861	1%	-3%
PAT	7,882	9,525	7,608	9,510	4%	0%

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS, BLOOMBERG

Figure 11: Key assumptions

	FY21A	FY22A	FY23A	FY24F	FY25F
Volume (mtpa) (Grey + White)	12	14	16	18	20
Yoy	19%	17%	16%	15%	8%
Blended realization (per tonne)	5,593	5,759	6,013	5,961	5,974
Yoy	-6%	3%	4%	-1%	0%
Blended cost (per tonne)	4,353	4,780	5,319	5,047	5,010
Yoy	-7%	10%	11%	-5%	-1%
Blended EBITDA (per tonne)	1,322	1,089	832	1,039	1,089
Yoy	6%	-18%	-24%	25%	5%
EBITDA (Rs m)	15,387	14,824	13,143	18,861	21,276
Yoy	27%	-4%	-11%	44%	13%

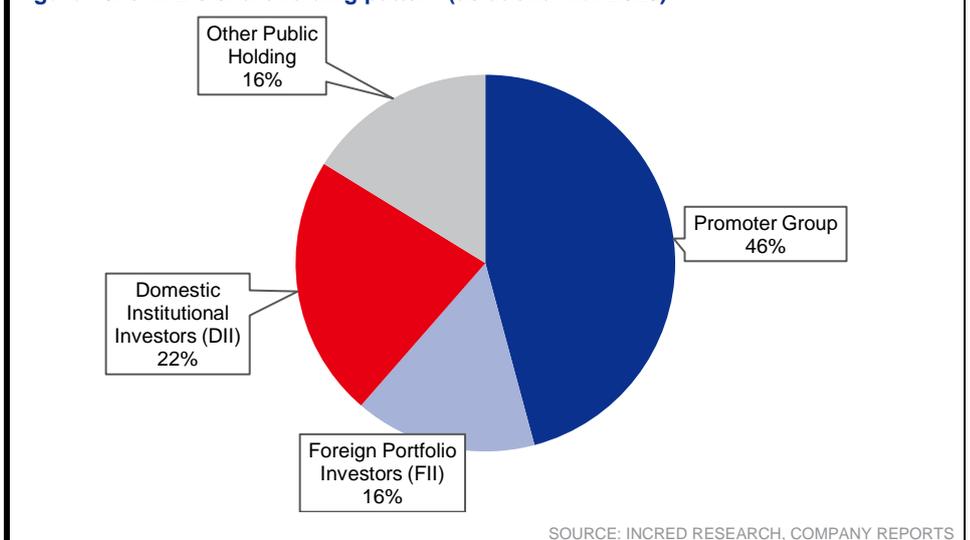
SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Figure 12: Our target price of Rs3,324 is based on 13.5x FY25F EV/EBITDA

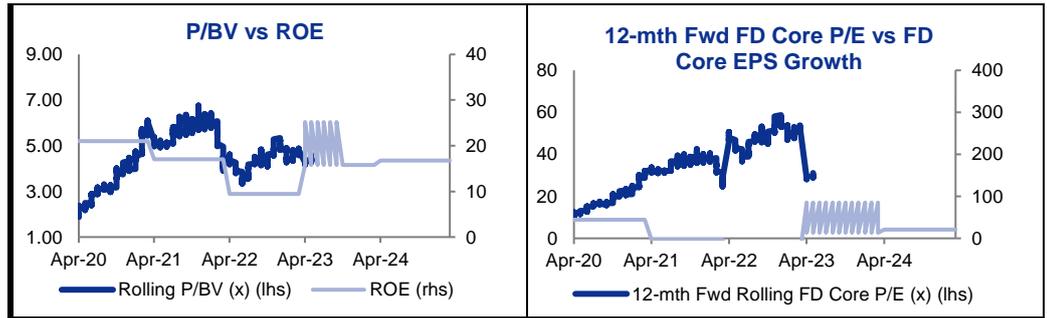
Valuation	TP
Target EV/EBITDA (x)	13.5
Target EV (Rs m)	2,87,222
Net debt / (cash) (Rs m)	30,365
No. of shares (m)	77
Fair value per share (Rs)	3,324

SOURCE: INCRED RESEARCH ESTIMATES, COMPANY REPORTS

Figure 13: JKCE's shareholding pattern (as at end-Mar 2023)



BY THE NUMBERS



Profit & Loss

(Rs mn)	Mar-21A	Mar-22A	Mar-23A	Mar-24F	Mar-25F
Total Net Revenues	66,061	79,908	97,202	110,501	119,179
Gross Profit	66,061	79,908	97,202	110,501	119,179
Operating EBITDA	15,387	14,824	13,143	18,861	21,276
Depreciation And Amortisation	(3,062)	(3,425)	(4,582)	(5,132)	(5,338)
Operating EBIT	12,325	11,399	8,561	13,729	15,938
Financial Income/(Expense)	(2,528)	(2,697)	(3,122)	(3,590)	(3,536)
Pretax Income/(Loss) from Assoc.		(2)			
Non-Operating Income/(Expense)	1,130	1,429	874	1,180	1,298
Profit Before Tax (pre-EI)	10,927	10,129	6,313	11,319	13,700
Exceptional Items					
Pre-tax Profit	10,927	10,129	6,313	11,319	13,700
Taxation	(3,896)	(3,337)	(2,122)	(3,509)	(4,247)
Exceptional Income - post-tax					
Profit After Tax	7,031	6,792	4,191	7,810	9,453
Minority Interests	66	79	72	72	72
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Net Profit	7,097	6,871	4,263	7,882	9,525
Recurring Net Profit	7,097	6,871	4,263	7,882	9,525
Fully Diluted Recurring Net Profit	7,097	6,871	4,263	7,882	9,525

Cash Flow

(Rs mn)	Mar-21A	Mar-22A	Mar-23A	Mar-24F	Mar-25F
EBITDA	15,387	14,824	13,143	18,861	21,276
Cash Flow from Invt. & Assoc.					
Change In Working Capital	(434)	8,813	4,112	(1,637)	671
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense	1,130	1,429	874	1,180	1,298
Other Operating Cashflow	422	(15,720)	(5,720)	3,280	12,280
Net Interest (Paid)/Received	(2,528)	(2,697)	(3,122)	(3,590)	(3,536)
Tax Paid	1,959	2,137	(2,122)	(3,509)	(4,247)
Cashflow From Operations	15,935	8,787	7,166	14,585	27,742
Capex	(7,590)	(15,275)	(25,563)	(14,000)	(7,000)
Disposals Of FAs/subsidiaries					
Acq. Of Subsidiaries/investments					
Other Investing Cashflow	(5,847)	5,312	4,296	3,800	(850)
Cash Flow From Investing	(13,437)	(9,964)	(21,267)	(10,200)	(7,850)
Debt Raised/(repaid)	1,434	1,632	11,402	(4,000)	(2,000)
Proceeds From Issue Of Shares			514		
Shares Repurchased					
Dividends Paid	(1,159)	(1,159)	(1,159)	(1,621)	(1,959)
Preferred Dividends					
Other Financing Cashflow	(1,649)	144	7,086	(1,208)	(9,708)
Cash Flow From Financing	(1,375)	617	17,844	(6,829)	(13,667)
Total Cash Generated	1,124	(560)	3,742	(2,444)	6,225
Free Cashflow To Equity	3,932	455	(2,699)	385	17,892
Free Cashflow To Firm	5,026	1,520	(10,980)	7,975	23,428

SOURCE: INCRED RESEARCH, COMPANY REPORTS

BY THE NUMBERS...cont'd

Balance Sheet					
(Rs mn)	Mar-21A	Mar-22A	Mar-23A	Mar-24F	Mar-25F
Total Cash And Equivalents	13,229	5,299	9,041	6,597	12,821
Total Debtors	3,615	4,268	4,801	5,147	5,551
Inventories	7,566	12,087	9,821	11,504	12,734
Total Other Current Assets	7,421	13,593	13,720	15,581	15,851
Total Current Assets	31,831	35,247	37,383	38,828	46,957
Fixed Assets	55,550	65,437	84,456	93,324	94,986
Total Investments	440	110	215	415	765
Intangible Assets	5,093	10,321	5,920	1,920	2,420
Total Other Non-Current Assets	5,806	2,916	4,877	4,877	4,877
Total Non-current Assets	66,889	78,783	95,468	100,536	103,048
Short-term Debt	4,086	8,683	8,941	8,941	8,941
Current Portion of Long-Term Debt					
Total Creditors	5,998	7,151	8,221	8,746	9,862
Other Current Liabilities	9,490	10,870	12,305	14,034	15,493
Total Current Liabilities	19,574	26,704	29,468	31,721	34,296
Total Long-term Debt	29,931	29,866	41,010	37,010	35,010
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	12,105	14,553	15,949	17,949	20,449
Total Non-current Liabilities	42,036	44,419	56,959	54,959	55,459
Total Provisions					
Total Liabilities	61,610	71,123	86,427	86,679	89,755
Shareholders Equity	37,367	43,249	46,868	53,128	60,694
Minority Interests	(257)	(343)	(444)	(444)	(444)
Total Equity	37,110	42,906	46,424	52,684	60,250

Key Ratios					
	Mar-21A	Mar-22A	Mar-23A	Mar-24F	Mar-25F
Revenue Growth	13.9%	21.0%	21.6%	13.7%	7.9%
Operating EBITDA Growth	26.8%	(3.7%)	(11.3%)	43.5%	12.8%
Operating EBITDA Margin	23.3%	18.6%	13.5%	17.1%	17.9%
Net Cash Per Share (Rs)	(269.03)	(430.32)	(529.46)	(509.32)	(402.88)
BVPS (Rs)	483.61	559.72	606.56	687.58	785.50
Gross Interest Cover	4.88	4.23	2.74	3.82	4.51
Effective Tax Rate	35.7%	32.9%	33.6%	31.0%	31.0%
Net Dividend Payout Ratio	16.3%	16.9%	27.2%	20.6%	20.6%
Accounts Receivables Days	17.38	18.00	17.03	16.43	16.38
Inventory Days	39.97	44.88	41.13	35.22	37.12
Accounts Payables Days	39.31	36.87	33.38	33.79	34.69
ROIC (%)	17.7%	12.6%	8.3%	12.5%	14.4%
ROCE (%)	18.4%	14.9%	9.6%	14.1%	15.7%
Return On Average Assets	10.4%	8.9%	5.9%	8.4%	9.0%

SOURCE: INCRED RESEARCH, COMPANY REPORTS

DISCLAIMER

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

The term "IRSPL" shall, unless the context otherwise requires, mean IRSPL and its affiliates, subsidiaries and related companies. This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject IRSPL and its affiliates/group companies to registration or licensing requirements within such jurisdictions.

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

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

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

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

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

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

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

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

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

	Analyst/ Relative	Entity/ Associates
any financial interests in the company covered in this report (subject company) and nature of such financial interest	NO	NO
actual/beneficial ownership of 1% or more in securities of the subject company at the end of the month immediately preceding the date of publication of the research report or date of the public appearance;	NO	NO
any other material conflict of interest at the time of publication of the research report or at the time of public appearance	NO	NO
received any compensation from the subject company in the past twelve months for investment banking or merchant banking or brokerage services or investment advisory or depository or distribution from the subject company in the last twelve months for products/services other than investment banking or merchant banking or broker- age services or investment advisory or depository or distribution from the subject company in the last twelve months	NO	NO
managed or co-managed public offering of securities for the subject company in the last twelve months	NO	NO
received any compensation or other benefits from the subject company or third party in connection with the research report	NO	NO
served as an officer, director or employee of the subject company	NO	NO
been engaged in market making activity for the subject company	NO	NO

Analyst declaration

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

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

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