**DBS** 

India Equity Research January 9, 2019 Quarterly Preview



**Q3FY19 Results Preview** 

Refer to important disclosures at the end of this report

Heading for low-single digit earnings growth in Q3FY19

Please click on sector to read:

| Agrochemicals & Fertilizers      | <u>Cement</u>                 | Media & Entertainment | <u>Retail</u>       |
|----------------------------------|-------------------------------|-----------------------|---------------------|
| Automobiles                      | Construction & Infrastructure | Metals & Mining       | Specialty Chemicals |
| BFSI - Banking                   | Consumer Goods                | Oil & Gas             | Telecommunications  |
| BFSI – Insurance                 | Eng. & Capital Goods          | <u>Pharma</u>         | <u>Others</u>       |
| BFSI - Non-Banking Fin. Services | IT Services                   | Power                 |                     |

This report is solely produced by Emkay Global. The following person(s) are responsible for the production of the recommendation:

**Dhananjay Sinha** 

Head, Institutional Research, Economist and Strategist

+91 22 6624 2435 dhananjay.sinha@emkayglobal.com

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports or Research reports or Accredited Investors, Expert Investors or Accredited Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

ED: ANISH MATHEW SA: DHANANJAY SINHA

### Heading for low-single digit earnings growth in Q3FY19

- The moderation in demand growth seen across sectors, in line with the expected deceleration in real GDP growth in H2 to 6.8%, along with continued margin pressure is likely to impact corporate performance in Q3FY19. The impact of rising raw material costs and the INR's depreciation in the quarter is expected to be visible in several sectors. The performance is also impacted due to the weak post-monsoon rainfall and weakening farm sector realizations, which have adversely affected sowing of principal crops. Fiscal conditions have tightened due to lower-than-expected tax revenue collections, leading to cumulative fiscal deficit rising to 114% of FY19 Budget estimate by Nov'18. Overall, these factors are expected to impact sectors such as Autos, Cement, Agro inputs, and Capital Goods & Infrastructure that have been increasingly dependent on government outlays. On the positive side, higher rural spending by the government appears to be holding on strong volume growth for consumer companies. Festive demand during the quarter is also expected to support the organized retail sector. The hope is that the softening in commodity prices toward the end of Q3 can have a positive impact on corporate performance in Q4FY19. In our view, FY19 consensus EPS growth rate for the Nifty of 13% and FY20 rate of 20%+ are fairly optimistic and can be subject to further downgrades.
- The Banking sector is expected to report healthy earnings growth, led by an acceleration in credit growth, containment of NPA formation, resolution of sticky accounts, and an improvement in treasury gains. Concerns remain with respect to the impact of farm loan waivers as well as fresh forbearances provided to the MSME sector. We continue to prefer private banks. The stress in the farm sector is expected to reflect on the Agro-chemical sector and demand concerns are affecting the Auto sector, especially the commercial vehicles segment. The Metals & Mining sector is likely to see muted performance. The Cement sector is expected to see the sustenance of margin contraction.
- Overall, the sales growth of Emkay universe companies (ex-Financials and Oil & Gas) is expected to slow to further to 11.6% yoy in Q3FY19 (13% in Q2 and 16% in Q1), while margins should contract by 55bps, translating into an expected profit growth of 3.2% (11% in Q2 and 22.3% in Q1). Excluding the outliers (top and bottom 3 & 5 companies), APAT is estimated to grow by 9-10%. In Q3FY19, sales growth should be led by sectors such as Construction & Infra (29% yoy), Auto Ancillary (20%), and IT (20%). Pharma (6.8% yoy), Engineering & Capital Goods (7.3%), and Automobile (7.5%) are likely to be a drag on sales growth.
- The expansion in EBITDA margins is expected to be driven by sectors such as Media & Entertainment (182bps), Information Technology (99bps), and Metals (82bps). Telecom (-234bps), Construction & Infrastructure (-234bps), and Auto (-127bps) are likely to be the laggards. Strong APAT growth is expected from sectors such as Media & Entertainment (59.7% yoy), Retail (25.5%), and Information Technology (22.5% yoy).

Potential positive surprises: IGL, Gulf Oil Lubricants, United Breweries, NCC, SRF, and Bajaj Finance

Potential negative surprises: Petronet LNG, IOCL, BPCL, HPCL, and Shriram Transport Finance

| % you growth    | Sales  | i      | EBIDT  | A      | APAT   |        |
|-----------------|--------|--------|--------|--------|--------|--------|
| % yoy growth    | Q2FY19 | Q3FY19 | Q2FY19 | Q3FY19 | Q2FY19 | Q3FY19 |
| Emkay Universe  | 13.3%  | 11.6%  | 11.6%  | 8.5%   | 11.7%  | 3.2%   |
| Emkay Large Cap | 11.6%  | 11.3%  | 9.9%   | 7.8%   | 9.8%   | 1.7%   |
| Emkay Mid Cap   | 20.7%  | 12.5%  | 28.5%  | 17.6%  | 30.8%  | 23.1%  |
| Emkay Small Cap | 20.4%  | 13.7%  | 12.6%  | 5.3%   | 11.4%  | -1.8%  |

Note: Emkay Universe (ex BFSI and Oil & Gas)

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY <GO>, Reuters and DOWJONES. DBS Vackers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

### **Sectoral expectations**

Agrochemicals: Companies in our coverage universe are expected to report moderate performance in this guarter, primarily due to lower-than-expected rainfall in key producing states, rising cost pressure from China, and depreciating rupee. India's cumulative rainfall during the post-monsoon season from October 1, 2018 to December 26, 2018, has been 43% lower than LPA. Rainfall in four broad geographical divisions of the country during the period have been lower than LPA by 51% each in Central, East and North East India, 39% in North West India and 36% in South. Rabi crop acreage remained muted as on January 04, 2019, down 3.5% yoy. This was primarily due to lower-than-expected rainfall in key producing states. Paddy sowing is down by a guarter (25%) yoy, while sowing for pulses, coarse cereals, and oilseeds remained down by 6.4% yoy, 17.3% yoy and 1.5% yoy, respectively. Wheat sowing remained flat. Incidence of fall army worm in maize and jowar in some parts of Tamil Nadu and Maharashtra has been reported above the Economic Threshold Limit (ETL), while incidence of spodoptera litura on groundnuts has been reported in Odisha. Overall, pest infestations have been moderate this year. These factors have affected the consumption of agrochemicals during the guarter under review. Our interaction with management and channel partners suggest that raw material prices will continue to remain at these levels. This would adversely impact EBITDA margins in Q3FY19. However, integrated players should see stability in margins. Aggregate revenues of domestic companies are likely to increase by 12% yoy, primarily driven by exports for companies like Rallis India, PI Industries, UPL Ltd. Companies exclusively with domestic presence are likely to report flat to negative revenue growth due to adverse weather conditions coupled with lower pest infestations. Aggregate EBITDA is expected to grow 16% yoy, while EBITDA margin is likely to remain flat (down 50bps) due to increasing cost pressure from China and falling rupee. PI Industries and UPL remain our top picks due to their superior product mix, healthy product placements, a high degree of backward integration, and resilient business models.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

#### **Sectoral expectations**

Fertilizer: Following a decent offtake in H1FY19, adverse weather conditions have dampened growth of fertilizers in Q3FY19. Industry-wide sales of complex fertilizers are likely to decline by 13% yoy in the three-month period, given a sharp decline in sales of indigenous fertilizers (NPK -10% yoy and DAP -50% yoy). Urea sales is down by 8% yoy. For YTD FY19, industry-wide sales of complexes rose by 6% yoy, driven by 79% and 12% growth in imported and indigenous NPK, respectively, while the urea sales remained flat yoy. We expect Coromandel International to report subdued performance, with a decrease of 17.5% yoy in manufactured volumes to 0.5mn MT. Trading volumes are expected to fall by 7% yoy. GSFC should post a decent growth of 38%+ yoy in the fertilizer volumes, led by 36% yoy growth in complexes and 41% yoy increase in urea volumes. Deepak Fertilisers is likely to report a volume decline in own manufactured NPK fertilizers of 29% yoy, while traded fertilizer volume is expected to increase sharply by 400% yoy. Chambal is expected to post 3% yoy growth in urea volume, while traded fertilizer volume is expected to drop by 11% yoy. DCM Shriram is expected to post moderate results, primarily due to weak realizations in the chlor vinyl business as well as in the sugar segment (partially offset by a better profitability in the distillery segment), which is likely to dampen growth in Q3FY19. Globally, prices of key fertilizers such as urea and DAP continue to be on an uptrend, while MOP prices have stabilized over the last one guarter. Prices of key raw materials such as phosphoric acid, ammonia and natural gas have also started to stabilize. However, increase in subsidies for phosphorous (P) and sulphur (S) by 27% and 20%, respectively, and about 10% price hike taken by companies should continue to support margins in FY19. However, subsidy on potash (K) has been cut by 10%, while subsidy on nitrogen (N) has been kept unchanged. Complex fertilizer realizations remained stable on account of good demand as a result of companies offering lower discounts as compared to last year. Aggregate revenues of fertilizer companies are expected to increase by 6% yoy, while the EBITDA margin is likely to decline by 180bps yoy due to rising cost pressure coupled with crude and rupee volatility. Consequently, EBITDA is expected to fall by 9% yoy. We remain optimistic on companies that are backward integrated in phosphoric acid and enjoy a higher revenue share from NPK fertilizers. This comes as they enjoy brand equity and less competition compared with DAP/MOP. Our preferred stock picks are Coromandel Int'l and GSFC.

Enkay Research is also available on www.enkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors and Affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors and Affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institute and Expert Investors or Accredited Investors and Affiliates are the distributor of the research reports of the research

Automobiles & Ancillaries: Aggregate revenue growth is expected at 9% yoy, which is a below average growth (17%) in the past four guarters. This is attributed to a fall in the MHCV segment and lower growth in other segments. Companies that are expected to record subdued revenue performance include Ashok Leyland (-12% yoy), Eicher Motors (-1%), Maruti Suzuki (2%) and Hero MotoCorp (5%), while companies likely to register strong growth are Escorts (36%), Motherson Sumi (23%), TVS Motors (22%), Apollo Tyres (17%) and Bajaj Auto (16%). Aggregate EBITDA margin (excluding Tata Motors) is likely to contract by -110bps gog on the back of negative operating leverage, commodity inflation and increase in incentives/discounts. Commodity price movements (in comparison with prices at the beginning of Q3FY19) in rupee terms were adverse sequentially, with increases in steel (2% gog) and crude oil (10%) prices. The INR's depreciation against the USD, EUR and the GBP is expected to have a positive effect on companies with large overseas exposure such as Tata Motors, Motherson Sumi, and Bajaj Auto. Negatively affected importers include Maruti Suzuki, Exide Industries, Amara Raja Batteries, Apollo Tyres, and Hero MotoCorp. Companies such as Ashok Leyland (-210bps gog), Maruti Suzuki (-180bps), Hero MotoCorp (-130bps), TVS Motors (-110bps) and Eicher Motors (-100bps) are likely to see notable margin contractions, while Amara Raja (+180bps), Tata Motors (+130bps), Escorts (+130bps) and Exide (+130bps) should see an improvement in margins. Outlook: Although our channel checks indicate that rising ownership cost, deferred purchases during elections, and NBFCs' selective financing constrained volume performances across the automotive segments in Q3FY19, we expect the PV and 2W segments to see a gradual improvement in volumes in the coming months. We expect double-digit volume growth in both PVs and 2Ws in FY20, driven by new products, volume pick-up in the state of Kerala, softening fuel prices, and the continuing uptrend in rural sales. Our top picks, among the OEMs, are Maruti Suzuki and Mahindra & Mahindra, while in ancillaries we prefer Motherson Sumi and Apollo Tyres.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

**BFSI – Banking:** Accelerating loan growth, stable margins, and treasury gains should lead to healthy PPoP growth for banks, while investment provision write-back (net of deferred provisions) should accelerate NPA provision cover and still banks should report reasonable earnings growth. We are factoring in ~20% yoy growth in earnings for our coverage universe (excluding SBI), with private bank growth expected at about 14% yoy. Corporate slippages could be higher gog due to the devolvement of NFB exposures and the recognition of the IL&FS exposure though banks have requested the RBI to provide special dispensation. However, some corporate resolutions, moderate though including Uttam Galva, Binani, Adhunik, KSS Petron and sale of NPAs by select banks (e.g., Jayaswal Neco and Mahalakshmi TMT) should help banks contain NPA formation on the corporate front. With the RBI allowing restructuring of SME loans up to Rs250mn, the imminent risk of stress flow from the SME sector has been postponed for now. The impact of farm loan waiver in a few states will be largely split between 3Q and 4Q, with the bulk of the pain reflecting in 4Q mainly in crop loans. Retail asset guality is holding up well except for some stress in the LAP segment. On an overall basis, NPA formation could be largely contained, which coupled with improving loan growth, should lead to lower NPA ratios gog. We believe that the court judgment on Sec 29A (barring promoters to bid under NCLT) and 12th February 2018 RBI Circular calling for automatic referral to NCLT post 180 days default and the RBI's stance on allowing 66% lenders approval for resolution outside NCLT will be critical for otherwise slower pace of NPA resolutions. We continue to prefer private banks with a preference for bellwether HDFCB and also ICICI - underpinned by its healthy capital ratios, growth/margin outlook, improving return ratios, reasonable valuations, and most importantly the new MD and CEO with a cleaner track record. We continue to prefer IndusInd, however, the past premium valuations will take time to return. The current softness in G-sec yields (temporary though), capital infusion, and lumpy NPA resolutions via the NCLT have brought back some interest back to the PSBs. However, we remain selective, and like SBIN (attractive valuations, better growth outlook, and heavy line-up of NPA resolutions).

Emkay Research is also available on www.emkayglobal.com, Bioomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

- **BFSI Insurance:** Life insurance companies in our coverage are likely to report moderate growth in Q3FY19 due to softness in new business volumes. Private players are expected to maintain high single-digit Annualized Premium Equivalent (APE) YTD growth, with better growth for top private players (ex-IPRU) under our coverage. We expect better growth in Q4FY19, which itself contributes c. 35% to annual volumes. The trend in monthly data indicates a continued thrust towards the individual protection segment, with slower growth in the ticket size viz-à-viz the policies sold. However, lower disbursements by HFCs in Q3FY19 may result in weaker credit protect segment growth. Despite slower APE growth expectations, the value of new business (VNB) margin is likely to remain strong, given increased contribution from the high-margin protection business as well as traditional savings business. For Emkay's life insurance coverage universe, we expect Gross Written Premium (GWP) growth of 21.1% yoy, with negative APE growth of 3.2% yoy. Excluding IPRU, we expect APE growth of 2.4% yoy. Strong renewals are also expected due to improving persistency trends. We are positive on MAXF owing to its consistent premium growth delivery and SBIL due to its new banca tie-ups and stake sale overhang on the verge of receiving clearance.
- **BFSI Non-Banking Financial Services:** Q3FY19 has remained crucial for NBFCs amid the funding reluctance from capital markets as well as banks, weak festive demand, and the steep rise in portfolio assignments in order to manage liquidity. Demand environment for NBFCs has remained sporadic, varying for each lender based on its liquidity positioning and segmental exposure. Rising securitization/assignments should further pressurize overall AUM growth, especially for NBFCs with relatively weak liability franchise. For the Emkay NBFC coverage universe, we expect NII growth of ~14.3% yoy, driven by healthy credit growth for relatively better players like Bajaj Finance and HDFC Limited. Similarly, we expect PAT to grow ~13% yoy, in line with NII and AUM growth. Bajaj Finance (Buy, TP Rs2,690) remains our top pick in the sector, with a superior growth profile, a favorable ALM maturity, and a diversified book. We also continue to like HDFC Limited (TP Rs2,142), M&M Finance (TP Rs486), and Cholamandalam Finance (TP Rs1,474), considering their healthy growth rates, steady ALM profiles, and attractive risk-reward opportunity. We would remain cautious on LTFH and Edelweiss Financial considering their risky asset exposure.

Emkay Research is also available on www.emkayglobal.com, Bioomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

- **Cement:** Higher input costs (energy and freight) should adversely affect the profitability of cement companies under our coverage universe despite a strong demand scenario. The average realization for our coverage universe is expected to increase by 2.3% yoy, while opex/ton is expected to increase by 4% yoy. We expect average EBIDTA/ton for our coverage universe to decline by 2.3% yoy, led by higher input costs. Among the large-caps, we expect UltraTech and ACC to report EBITDA growth of 16.1% and 22.7% yoy, respectively. Among the mid-sized players, Prism Johnson and JK Cement are expected to record EBITDA growth of 13-15% yoy. We expect EBITDA/ton growth of ACC and UltraTech to increase by 15.8% and 3.5% yoy, respectively. JK Cement and Prism Cement are expected to clock EBITDA/ton growth of 8.5% and 6.2%, respectively. Other companies are expected to see a decline in their EBITDA/ton between 11% and 30% yoy, with EBITDA/ton remaining flat for JK Lakshmi. We expect earnings downgrades for most mid-sized companies under our coverage universe after Q3 results. We cut our FY19 EBITDA estimates by 3-8% for Shree Cement, Ramco Cements, JK Lakshmi, Prism, and India Cements. We cut our FY19/FY20 EBITDA estimates for Orient Cement by 17.7%/7.6%. We prefer market leaders, or companies that offer growth opportunities and are available at attractive valuations. Our preferred stock picks in the sector include UltraTech, ACC, JK Cement, and Star Cement.
- Construction & Infrastructure: In FY19, the NHAI's target is to award projects involving 8,500-9,000km of road construction; however, ordering activity has been muted in 9MFY19 and hence the authority has reduced its target to 4,500-5,000km. The government wants to ensure smooth execution of the projects and has been very stringent thus far on land acquisition for the projects, leading to muted ordering activity. Q3 is seasonally one of the strongest quarters for infra players, and we expect our universe to report ~30% top-line growth, mainly due to a low base from last year. In our view, the key monitorable would be the pace of execution, working capital cycle management, and leverage of the companies. A few players have already raised funds and placed themselves in a comfortable position before execution gains pace. Our top picks in the sector are Sadbhav Engineering, KNR Constructions, ITD Cementation, PNC Infratech, and Ashoka Buildcon.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY <GO>, Reuters and DOWJONES. DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

- **Consumer Goods:** We expect companies in our consumer goods universe to post healthy revenue/EBITDA/PAT growth of 12%/15%/17% in Q3FY19. Despite higher comparables, most companies should report strong volume (7-13%) growth, driven by the continued recovery in rural demand. We expect gross margin to contract marginally due to input cost inflation; however, cost saving efficiencies and the benefit of operating leverage would still drive modest EBITDA margin expansion for our universe. Within staples we expect strong performance from Nestle, Britannia, Marico and Hindustan Unilever (HUL), with earnings growth of 18-20% on steady volume growth and margin improvement. United Breweries (UBL) and United Spirits (UNSP) to record another quarter of strong 60-100% earnings growth, driven by robust volumes and margin expansion on lower comparables. We expect paint companies to report a strong volume performance. Although margins will recover sequentially, earnings growth will be lower. We prefer United Breweries, Nestle and Marico.
- Engineering and Capital Goods: We expect revenues to grow 7% yoy across the capital goods universe, while PAT is likely to increase by 17% yoy. A few companies in our ECG coverage universe (KECI and Skipper) are expected to be affected by the ongoing liquidity squeeze owing to withdrawal of buyers' credit. We believe that increasing working capital debt and finance costs are likely to impact their profitability. Order inflows are expected to drop for most companies, largely due to lack of private sector capex and a moderation in infrastructure spending. At the aggregate level, order inflows will likely fall by 15% yoy to Rs256bn. Emkay expectations: 1) 7% yoy revenue growth to Rs249bn; 2) EBITDAM is expected to improve by 40bps yoy to 9.1%, while EBITDA is expected to grow 12% yoy to Rs23bn. Excluding BHEL, EBITDAM is expected to improve by 10bps yoy to 10.5%, while EBITDA is expected to be up 10% yoy to Rs19bn; and 3) Net profits are likely to grow 17% yoy to about Rs14bn. Excluding BHEL, net profits are expected to increase by 14% yoy to about Rs12bn. Our stock selection is influenced by visibility, cash flows, and RoIC. We are biased towards companies with significant international business exposure and robust order backlogs, especially in T&D and infra projects. Our preferred stock picks include KECI, KPTL, and KKC.

Emkay Research is also available on www.emkayglobal.com, Bioomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

- IT Services: Q3 has traditionally been a seasonally weak quarter for the Indian IT services industry due to less number of working days and furloughs. We expect 1.5-3.0% CC growth on a qoq basis for large-caps and 2.0-3.5% CC growth on a qoq basis for mid-caps. While the appreciation of the US dollar against all major currencies, such as the EUR, the AUD, and the JPY, will negatively affect growth across companies in USD terms, strong INR depreciation (down ~3.0%/11.4% qoq/yoy) in Q3FY19 should incrementally help record good growth and improvement in margins in reported INR terms (more so, on a yoy basis). We expect cross-currency headwinds of 30-70bps on revenue growth and margin tailwinds of 40-60bps for our coverage universe.
- Media & Entertainment: The entire festive season falling in Q3FY19 did not turn out to be fruitful for the industry in terms of healthy advertisement revenue growth. While Broadcasters and Multiplexes are expected to outpace other mediums with healthy advertisement growth. We believe that Print Media's wait for a recovery in advertisement revenue will continue despite seasonality. Among the Broadcasters, Zee Entertainment/Sun TV are expected to register 18%/9% ad growth yoy, with SUN TV's ad growth being restricted due to market share loss in TN. SUN TV's headline number will include movie production business, restricting LTL comparison with preceding quarters. Healthy box office collections should aid strong footfalls for Multiplexes. Ad growth for PVR/Inox is expected at 20%/30% yoy. Among the Radio companies, Music Broadcast Ltd (MBL) is expected to deliver 13% yoy growth, while ENIL should record 20% yoy growth.
- Metals & Mining: We expect ferrous companies under our coverage to report muted growth in production and sales volumes in Q3FY19. However, weaker realizations are likely to drag down overall growth performance. Almost all commodity prices during the quarter faced headwinds. Domestic iron ore prices have been trending on the downside. This is due to domestic customers resorting to imports, thereby putting pressure on domestic prices. Coking coal prices internationally have been buoyant owing to strong demand from both China and India. Going forward, we expect weakness to continue in steel prices and percolate in raw material prices. This should help steel companies limit the downside to their margins. Nearly all metals in the LME complex have seen prices retreating in view of strengthening US dollar, increasing global trade disputes, softening demand from China and metal specific issues. In the non-ferrous space, we prefer zinc over aluminum due to metal specific concerns pertaining to the latter, though we expect weakness in LME prices in the near term. Catalysts to watch shall be the resolution of trade disputes and improvement in the Chinese economy. Our top stock picks in the sector are Tata Steel and Vedanta Ltd.

Emkay Research is also available on www.emkayglobal.com, Bioomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

**Oil & Gas:** Brent prices fell 10% gog to US\$67.7/bbl in Q3. Despite beginning the quarter on a strong note, oil prices fell due to demand concerns and the supply glut, with the OPEC-Russia/allies production cut of 1.2mb/d making no impact. While, on average, the INR weakened 3% gog, it closed 3 points above vs. the level at the Q2-end, implying sizeable forex gains for OMCs. Benchmark GRM was down over 30% gog as light distillate cracks plunged due to oversupply. Nevertheless, we expect OMCs to see a gog improvement in core GRMs on lower fuel & loss costs, OSP benefits, and favorable price-lag impact though reported GRMs are expected to be weak due to high inventory losses. We estimate average gross marketing margins on diesel/petrol to be down 9%/up 34% gog with some impact of adverse price lag. This, along with heavy marketing inventory losses, should result in a weak earnings performance by OMCs. We estimate under-recoveries will rise 23% gog to Rs130bn although the upstream subsidy burden is unlikely to resurface with oil prices coming down. We estimate ONGC's gas output will rise 4% gog. Total gas demand-supply is expected to be weaker gog due to lower demand from the power sector, leading to a fall in pipeline volumes for GAIL and GSPL. Petronet is expected to have a weak quarter with Dahej/Kochi utilization down gog. In the CGD space, IGL should maintain healthy volume growth though Gujarat Gas could be weaker. Margins, however, should be strong for both on better-than-expected rupee and soft LNG prices. GAIL's petchem segment should be impacted by lower oil prices and the shutdown at Pata 2, while gas trading business should be affected by the spike in Henry Hub prices, lowering margins gog. We expect RIL's standalone earnings to decline 5% gog due to weaker GRMs (estimate US\$8.7/bbl) and petchem earnings (from inventory losses). However, consolidated numbers should see a moderate decline, supported by higher earnings from Retail and Jio. The lubricant sector is expected to maintain 4-5% industry growth, with an expansion in margins sequentially.

Pharmaceutical: Q3FY19 may well mark the cyclical bottom for large-cap Indian generic companies, at least from a US revenues perspective even while earnings bottom may not follow suit immediately. However, we expect the next 12-18 months period to be a strong growth phase for a number of generic companies given the low earnings base and possible bunching of approvals as a number of regulatory issues get resolved over time. We believe that it may be time to get constructive on a few names and ride the momentum. However, we are very clear that we are in a phase of a cyclical uptrend in Indian generic stocks even as the structural challenges for the industry will persist.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

- Power: Q3FY19 is expected to see broadly positive results for our coverage companies. Power Grid Corporation's growth should come on the back of strong capitalization, while NTPC's should be driven by better availability during the quarter. Strong demand will drive CESC's earnings, while depreciating rupee could impact JSW Energy's Q3FY19 earnings. While the sector is plagued by fuel shortages and lack of long-term PPAs due to distress discoms' financials, recent government initiatives the Saubhagya scheme, auctioning of coal and gas linkages and the SHAKTI policy may unblock the policy logjam. Investors should continue to focus on earnings, valuations, and risk profile.
- Retail: For our retail coverage, we expect strong growth in Q3FY19, driven by festive demand and season sales during the quarter. Revenue/EBITDA/PAT growth expectations for our coverage are 17%/22%/26%. We expect most retailers to post double-digit topline growth and expansion in margins, led by operating leverage and cost efficiencies. Our preferred stock picks include Titan, Jubilant FoodWorks and ABFRL.
- **Specialty Chemicals:** In our Specialty Chemicals coverage universe (ex. Tata Chemical whose numbers are not comparable since it exited the fertilizer business), we expect overall sector revenue growth to be 19% yoy. EBITDA is likely to see 24% yoy growth on the back of an improvement in operational performance. However, due to higher tax rate and lower other income, overall net profit is likely to increase by only 14% yoy. Fluorine chemistry-based companies are likely to witness decent revenue growth although with some margin contraction due to increased raw material prices. Fluorspar prices are up by 40+% yoy. SRF's specialty chemicals businesses are likely to demonstrate strong revenue performance, thanks to strong exports at key clients. SRF could post some inventory losses in the Textile and Packaging businesses due a sharp decline in the prices of key raw-materials. However, Navin Fluorine's speciality chemical business. The Enzyme chemistry-based companies (BASF and Apcotex) should continue to post strong performance in CRAMs business. The Enzyme chemistry-based companies (BASF and Apcotex) should continue to post strong show on the revenue front, with flat margin performance. Toluene chemistry (Vinati Organics) universe is likely to post robust revenue growth with stable margin amid a better demand scenario for key products such as IBB, ATBS, and speciality chemicals. The impact of higher coal prices during the quarter was partially mitigated by better realization in the soda ash business. GHCL and Tata Chemical are likely to report healthy revenue growth in soda-ash. GHCL can surprise in the textile segment, driven by a better-than-expected turnaround in the Home Textile business.

Emkay Research is also available on www.emkayglobal.com, Bioomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

**Telecom:** On expected lines, the wireless revenue decline for service providers should see a deceleration, attributable to Minimum Recharge plans, while the underlying downtrading in post-paid should still continue. Strong subscriber additions on JIO Phone should continue to attract low-end subscribers from competitors. The full impact on tower rentals after the Vodafone-Idea (VIL) merger and the rise in network opex with continued site rollouts could affect BHARTI's EBITDA. The full-quarter impact of merger-related cost savings should drive EBITDA growth for VIL. We believe that JIO will continue to showcase robust subscriber additions, driven by the success of JIO Phone. While BHIN is expected to see a recovery in tenancy additions from JIO and Bharti, the full-quarter impact of the Idea-Vodafone merger is expected to restrict growth.

Enkay Research is also available on www.enkayglobal.com, Bloomberg EMKAY<GD>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

#### **Q3FY19** Preview

| YoY                                      | Net Sales Growth | EBITDA Growth | EBITDA Margin growth | Adjusted PAT Growth |
|--|------------------|---------------|----------------------|---------------------|
| Emkay Universe                           | 11.6%            | 8.5%          | -55 bps              | 3.2%                |
| Emkay Large Cap                          | 11.3%            | 7.8%          | -65 bps              | 1.7%                |
| Emkay Mid Cap                            | 12.5%            | 17.6%         | 74 bps               | 23.1%               |
| Emkay Small Cap                          | 13.7%            | 5.3%          | -102 bps             | -1.8%               |
| Emkay Universe ex Top 3 Cos              | 10.9%            | 6.0%          | -86 bps              | -2.8%               |
| Emkay Universe ex Top 5 Cos              | 10.5%            | 5.5%          | -91 bps              | -5.0%               |
| Emkay Universe ex Top 3 and Bottom 3 Cos | 10.6%            | 8.6%          | -33 bps              | 9.4%                |
| Emkay Universe ex Top 5 and Bottom 5 Cos | 10.2%            | 8.0%          | -38 bps              | 10.1%               |

Top 5 companies based on Contribution to PAT Growth are TCS, Coal India, SAIL, National Aluminium & Infosys

Bottom 5 companies based on Contribution to PAT Growth are Vodafone Idea, Bharti Airtel, Hindustan Zinc, JSW Steel & Tata Chemicals

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Ple Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

### **Q3FY19 Strong Results**

| Company Name           | Sector                      | APAT (F | Rs mn) | APAT Gr |
|------------------------|-----------------------------|---------|--------|---------|
|                        | Sector                      | Dec-18E | Dec-17 | (%)     |
| Large Caps             |                             |         |        |         |
| Bank of Baroda         | BFSI                        | 5681    | 1118   | 408.2   |
| SAIL                   | Metals & Mining             | 6498    | 865    | 651.1   |
| Ultratech Cement       | Cement                      | 5099    | 3177   | 60.5    |
| United Breweries       | Consumer Goods              | 956     | 474    | 101.7   |
| United Spirits         | Consumer Goods              | 2356    | 1473   | 59.9    |
| Mid Caps               |                             |         |        |         |
| ABFRL                  | Retail                      | 657     | 350    | 87.8    |
| Glenmark Pharma        | Pharmaceuticals             | 2551    | 1099   | 132.0   |
| Jsw Energy             | Power                       | 844     | 506    | 67.0    |
| Sterlite Tech          | Others                      | 1428    | 901    | 58.5    |
| Small Caps             |                             |         |        |         |
| Atul Auto              | Automobiles                 | 158     | 97     | 63.1    |
| Dynamatic Technologies | Engineering & Capital Goods | 105     | 1      | 9415.3  |
| Granules India         | Pharmaceuticals             | 542     | 350    | 54.8    |
| Inox Leisure           | Media & Entertainment       | 253     | 132    | 91.9    |
| NIIT Tech              | Information Technology      | 1144    | 757    | 51.2    |
| Ramco Systems          | Information Technology      | 130     | 38     | 243.7   |
| V2 Retail              | Others                      | 210     | 137    | 54.0    |
| Vinati Organics        | Speciality Chemicals        | 617     | 317    | 94.3    |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

### **Q3FY19 Weak Results**

| Company Name           | Sector                        | APAT (R | s mn)  | APAT Gr |
|------------------------|-------------------------------|---------|--------|---------|
| Company Name           | Sector                        | Dec-18E | Dec-17 | (%)     |
| Large Caps             |                               |         |        |         |
| Ashok Leyland          | Automobiles                   | 2938    | 4499   | -34.7   |
| BPCL                   | Oil & Gas                     | 3257    | 21437  | -84.8   |
| HDFC                   | BFSI                          | 21097   | 56702  | -62.8   |
| HPCL                   | Oil & Gas                     | 2347    | 19497  | -88.0   |
| Indian Oil             | Oil & Gas                     | 1080    | 78832  | -98.6   |
| Shree Cements          | Cement                        | 1472    | 2930   | -49.8   |
| Mid Caps               |                               |         |        |         |
| Bayer CropScience      | Agri Input & Chemicals        | 74      | 107    | -30.7   |
| Tata Chemicals         | Speciality Chemicals          | 2775    | 5584   | -50.3   |
| Tata Communications    | Telecommunications            | 72      | 103    | -30.6   |
| Small Caps             |                               |         |        |         |
| APL Apollo Tubes       | Others                        | 213     | 359    | -40.7   |
| DCM Shriram            | Agri Input & Chemicals        | 1454    | 2129   | -31.7   |
| Deepak Fertilisers     | Agri Input & Chemicals        | 228     | 638    | -64.3   |
| HSIL                   | Building Materials            | 180     | 295    | -39.0   |
| Jindal Stainless       | Metals & Mining               | 541     | 963    | -43.8   |
| Jindal Stainless Hisar | Metals & Mining               | 644     | 1140   | -43.5   |
| KNR Construction       | Construction & Infrastructure | 325     | 657    | -50.6   |
| PNC Infratech          | Construction & Infrastructure | 477     | 931    | -48.7   |
| Sanghi Industries      | Cement                        | 73      | 322    | -77.4   |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

### **Possible Surprises – Positives**

| Company Name              | EPS<br>(Rs) | yoy growth<br>(%) | Reason   |
|---------------------------|-------------|-------------------|--|
| IGL                       | 2.8         | 20%               | Better margins sequentially from more favorable-than-expected rupee, softer LNG prices |
| Gulf Oil Lubricants India | 9.7         | 13%               | Strong volume growth and margin expansion qoq  |
| United Breweries          | 3.6         | 102%              | Strong volume growth on recovery in key markets  |
| Bajaj Finance             | 17.5        | 31.3%             | Strong disbursement growth coupled with steady margins                                 |
| NCC                       | 2.8         | 28.2%             | Strong execution momentum to continue  |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

### **Possible Surprises – Negatives**

| Company Name      | EPS<br>(Rs) | yoy growth<br>(%) | Reason   |
|-------------------|-------------|-------------------|--|
| Petronet LNG      | 3.2         | -17%              | Weak volume growth and seasonal dip in margins   |
| IOCL              | 0.1         | -99%              |  |
| BPCL              | 1.7         | -85%              | Heavy inventory losses                           |
| HPCL              | 1.5         | -88%              |  |
| Shriram Transport | 24.3        | 11.2%             | Flat AUM number coupled with pressure on margins |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

### Emkay Universe Q3FY19 Result Preview

|                               | Net      | Sales (Rs m | in)      | Grow | th (%) | Eb      | itda (Rs mr | 1)      | Grow | th (%) | AP     | AT (Rsmn | i)     | Grow | /th (%) |        | EPS (Rs) |        | Grow | vth (%) |
|-------------------------------|----------|-------------|----------|------|--------|---------|-------------|---------|------|--------|--------|----------|--------|------|---------|--------|----------|--------|------|---------|
| Sector Name                   | Q3FY19   | Q2FY19      | Q3FY18   | YoY  | QoQ    | Q3FY19  | Q2FY19      | Q3FY18  | YoY  | QoQ    | Q3FY19 | Q2FY19   | Q3FY18 | YoY  | QoQ     | Q3FY19 | Q2FY19   | Q3FY18 | YoY  | QoQ     |
| Agri Input & Chemicals        | 177440   | 215244      | 163156   | 9%   | -18%   | 23668   | 30982       | 23118   | 2%   | -24%   | 13149  | 17764    | 15583  | -16% | -26%    | 6.2    | 8.3      | 7.3    | -16% | -26%    |
| Auto Ancillaries              | 267890   | 238358      | 222695   | 20%  | 12%    | 25131   | 23367       | 22698   | 11%  | 8%     | 9409   | 8681     | 9006   | 4%   | 8%      | 2.0    | 1.8      | 1.9    | 4%   | 8%      |
| Automobiles                   | 1429634  | 1409976     | 1330435  | 7%   | 1%     | 171089  | 169037      | 176064  | -3%  | 1%     | 67879  | 73624    | 67902  | 0%   | -8%     | 7.6    | 8.2      | 7.6    | 0%   | -8%     |
| BFSI                          | 982714   | 937277      | 833019   | 18%  | 5%     | 535113  | 521155      | 460860  | 16%  | 3%     | 189686 | 173712   | 166714 | 14%  | 9%      | 6.3    | 5.7      | 5.7    | 10%  | 9%      |
| Building Materials            | 24093    | 23052       | 21305    | 13%  | 5%     | 3087    | 2509        | 2984    | 3%   | 23%    | 1410   | 1007     | 1448   | -3%  | 40%     | 3.5    | 2.5      | 3.6    | -3%  | 40%     |
| Cement                        | 253880   | 235819      | 227971   | 11%  | 8%     | 39275   | 35511       | 37320   | 5%   | 11%    | 13839  | 12884    | 14267  | -3%  | 7%      | 3.4    | 3.1      | 3.5    | -3%  | 7%      |
| Construction & Infrastructure | 149216   | 132485      | 115508   | 29%  | 13%    | 24124   | 23323       | 21379   | 13%  | 3%     | 11097  | 10537    | 11002  | 1%   | 5%      | 2.5    | 2.4      | 2.5    | 1%   | 5%      |
| Consumer Goods                | 373430   | 363726      | 334071   | 12%  | 3%     | 76628   | 73984       | 66642   | 15%  | 4%     | 52255  | 50975    | 44785  | 17%  | 3%      | 4.8    | 4.7      | 4.2    | 17%  | 3%      |
| Engineering & Capital Goods   | 248810   | 246895      | 231831   | 7%   | 1%     | 22582   | 20235       | 20122   | 12%  | 12%    | 13696  | 12642    | 11717  | 17%  | 8%      | 2.2    | 2.1      | 1.9    | 17%  | 8%      |
| Information Technology        | 1121670  | 1083705     | 937886   | 20%  | 4%     | 260267  | 248411      | 208356  | 25%  | 5%     | 205063 | 193810   | 167362 | 23%  | 6%      | 12.0   | 11.4     | 9.8    | 23%  | 6%      |
| Media & Entertainment         | 73658    | 66534       | 63653    | 16%  | 11%    | 25296   | 21601       | 20705   | 22%  | 17%    | 10945  | 9278     | 6855   | 60%  | 18%     | 3.5    | 3.0      | 2.2    | 60%  | 18%     |
| Metals & Mining               | 1510064  | 1534746     | 1401654  | 8%   | -2%    | 328132  | 314551      | 293118  | 12%  | 4%     | 148932 | 131997   | 132841 | 12%  | 13%     | 5.0    | 4.4      | 4.5    | 11%  | 13%     |
| Oil & Gas                     | 3644651  | 3818920     | 3132320  | 16%  | -5%    | 167950  | 326131      | 350285  | -52% | -49%   | 101569 | 156666   | 214094 | -53% | -35%    | 4.7    | 7.3      | 9.9    | -53% | -35%    |
| Pharmaceuticals               | 342689   | 338395      | 320965   | 7%   | 1%     | 71618   | 70377       | 69222   | 3%   | 2%     | 40726  | 42446    | 38211  | 7%   | -4%     | 6.1    | 6.4      | 5.7    | 7%   | -4%     |
| Pow er                        | 394806   | 403845      | 363920   | 8%   | -2%    | 161406  | 168475      | 152882  | 6%   | -4%    | 63800  | 68549    | 56321  | 13%  | -7%     | 2.2    | 2.3      | 1.9    | 13%  | -7%     |
| Retail                        | 130354   | 120346      | 111691   | 17%  | 8%     | 13953   | 12632       | 11443   | 22%  | 10%    | 7517   | 6415     | 5989   | 26%  | 17%     | 3.6    | 3.1      | 2.9    | 25%  | 17%     |
| Speciality Chemicals          | 79644    | 83461       | 68275    | 17%  | -5%    | 13773   | 13848       | 11907   | 16%  | -1%    | 6352   | 6961     | 8729   | -27% | -9%     | 7.8    | 8.6      | 10.8   | -27% | -9%     |
| Telecommunications            | 400878   | 358225      | 345981   | 16%  | 12%    | 92829   | 88215       | 109032  | -15% | 5%     | -61473 | -36536   | -3831  |      |         | -6.3   | -3.8     | -0.4   |      |         |
| Others                        | 185158   | 189476      | 155685   | 19%  | -2%    | 25522   | 27007       | 22567   | 13%  | -5%    | 12633  | 15856    | 11018  | 15%  | -20%    | 4.0    | 5.0      | 3.5    | 15%  | -20%    |
| Emkay                         | 11790678 | 11800485    | 10382020 | 14%  | 0%     | 2081443 | 2191350     | 2080702 | 0%   | -5%    | 908486 | 957270   | 980014 | -7%  | -5%     | 4.7    | 4.9      | 5.0    | -8%  | -5%     |
| Em kay*                       | 7194322  | 7072079     | 6445197  | 12%  | 2%     | 1398381 | 1362074     | 1288345 | 9%   | 3%     | 629252 | 639292   | 609514 | 3%   | -2%     | 4.3    | 4.4      | 4.2    | 3%   | -2%     |
| Large Cap*                    | 5735773  | 5594538     | 5155095  | 11%  | 3%     | 1176913 | 1130911     | 1091401 | 8%   | 4%     | 528068 | 526611   | 519490 | 2%   | 0%      | 5.2    | 5.2      | 5.2    | 1%   | 0%      |
| Mid Cap*                      | 784185   | 814895      | 696932   | 13%  | -4%    | 134545  | 147248      | 114431  | 18%  | -9%    | 63189  | 75375    | 51351  | 23%  | -16%    | 2.0    | 2.3      | 1.6    | 23%  | -16%    |
| Small Cap*                    | 674364   | 662646      | 593171   | 14%  | 2%     | 86923   | 83915       | 82514   | 5%   | 4%     | 37995  | 37306    | 38673  | -2%  | 2%      | 2.9    | 2.8      | 2.9    | -2%  | 2%      |

\*Note: ex BFSI and Oil & Gas

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Ple Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

|                          | Net    | Sales (Rs m | n)     | Grow | h (%) | Ebi    | tda (Rs m n | )      | Grow | :h (%) | AP     | AT (Rsm.n | ı)     | Growt | h (%) |        | EPS (Rs) |        | Growt | th (%) |
|--------------------------|--------|-------------|--------|------|-------|--------|-------------|--------|------|--------|--------|-----------|--------|-------|-------|--------|----------|--------|-------|--------|
| Company Nam              | Q3FY19 | Q2FY19      | Q3FY18 | YoY  | QoQ   | Q3FY19 | Q2FY19      | Q3FY18 | YoY  | QoQ    | Q3FY19 | Q2FY19    | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ    |
| Agri Input & Chemicals   |        |             |        |      |       |        |             |        |      |        |        |           |        |       |       |        |          |        |       |        |
| Bayer CropScience        | 5133   | 11041       | 4797   | 7%   | -54%  | 252    | 2186        | 226    | 12%  | -88%   | 74     | 1427      | 107    | -31%  | -95%  | 2.2    | 41.6     | 3.1    | -31%  | -95%   |
| Chambal Fertilisers      | 26025  | 24861       | 23301  | 12%  | 5%    | 2130   | 2072        | 2650   | -20% | 3%     | 1108   | 1450      | 1512   | -27%  | -24%  | 2.7    | 3.5      | 3.6    | -27%  | -24%   |
| Coromandel International | 28608  | 50083       | 26949  | 6%   | -43%  | 3343   | 6663        | 3184   | 5%   | -50%   | 1794   | 3853      | 1722   | 4%    | -53%  | 6.2    | 13.2     | 5.9    | 4%    | -53%   |
| DCM Shriram              | 16162  | 17001       | 17837  | -9%  | -5%   | 2664   | 2963        | 3299   | -19% | -10%   | 1454   | 1677      | 2129   | -32%  | -13%  | 8.9    | 10.3     | 13.0   | -32%  | -13%   |
| Deepak Fertilisers       | 14970  | 17687       | 16449  | -9%  | -15%  | 1295   | 1151        | 1490   | -13% | 13%    | 228    | 246       | 638    | -64%  | -7%   | 2.6    | 2.8      | 7.2    | -64%  | -7%    |
| Dhanuka Agritech         | 2333   | 3834        | 2215   | 5%   | -39%  | 352    | 756         | 353    | 0%   | -53%   | 282    | 550       | 286    | -1%   | -49%  | 5.7    | 11.2     | 5.8    | -1%   | -49%   |
| GSFC                     | 20549  | 26719       | 15375  | 34%  | -23%  | 1645   | 3182        | 1615   | 2%   | -48%   | 1002   | 2243      | 997    | 1%    | -55%  | 2.5    | 5.6      | 2.5    | 1%    | -55%   |
| Insecticides India       | 1755   | 4583        | 1759   | 0%   | -62%  | 250    | 692         | 230    | 9%   | -64%   | 116    | 430       | 96     | 21%   | -73%  | 5.6    | 20.8     | 4.7    | 21%   | -73%   |
| PI Industries            | 6257   | 7230        | 5377   | 16%  | -13%  | 1143   | 1346        | 1048   | 9%   | -15%   | 803    | 944       | 806    | 0%    | -15%  | 5.8    | 6.8      | 5.8    | 0%    | -15%   |
| Rallis India             | 4389   | 6538        | 3902   | 12%  | -33%  | 488    | 1234        | 378    | 29%  | -60%   | 269    | 852       | 251    | 7%    | -68%  | 1.4    | 4.4      | 1.3    | 7%    | -68%   |
| Sharda Cropchem          | 3743   | 3097        | 3255   | 15%  | 21%   | 318    | 347         | 357    | -11% | -8%    | 73     | 162       | 99     | -26%  | -55%  | 0.8    | 1.8      | 1.1    | -26%  | -55%   |
| UPL                      | 47518  | 42570       | 41940  | 13%  | 12%   | 9789   | 8390        | 8290   | 18%  | 17%    | 5945   | 3930      | 6940   | -14%  | 51%   | 23.5   | 15.5     | 27.4   | -14%  | 51%    |
| Automobiles              |        |             |        |      |       |        |             |        |      |        |        |           |        |       |       |        |          |        |       |        |
| Ashok Leyland            | 62960  | 76080       | 71412  | -12% | -17%  | 5362   | 8059        | 7884   | -32% | -33%   | 2938   | 4755      | 4499   | -35%  | -38%  | 1.0    | 1.6      | 1.5    | -35%  | -38%   |
| Atul Auto                | 1837   | 1765        | 1290   | 42%  | 4%    | 239    | 229         | 156    | 53%  | 4%     | 158    | 149       | 97     | 63%   | 6%    | 7.1    | 6.7      | 4.3    | 63%   | 6%     |
| Bajaj Auto               | 73916  | 79868       | 63693  | 16%  | -7%   | 12097  | 13430       | 12315  | -2%  | -10%   | 10765  | 11525     | 9524   | 13%   | -7%   | 37.2   | 39.8     | 32.9   | 13%   | -7%    |
| Eicher Motors            | 22499  | 24082       | 22690  | -1%  | -7%   | 6589   | 7293        | 7072   | -7%  | -10%   | 5090   | 5663      | 5309   | -4%   | -10%  | 186.5  | 207.5    | 194.5  | -4%   | -10%   |
| Escorts                  | 16375  | 13984       | 12050  | 36%  | 17%   | 2063   | 1575        | 1450   | 42%  | 31%    | 1354   | 1026      | 919    | 47%   | 32%   | 15.8   | 12.0     | 10.7   | 47%   | 32%    |
| Hero Motocorp            | 76498  | 90909       | 73142  | 5%   | -16%  | 10579  | 13787       | 11580  | -9%  | -23%   | 7715   | 9763      | 8054   | -4%   | -21%  | 38.6   | 48.9     | 40.3   | -4%   | -21%   |
| Mahindra & Mahindra      | 129605 | 127902      | 114915 | 13%  | 1%    | 18015  | 18493       | 16926  | 6%   | -3%    | 9754   | 16412     | 9200   | 6%    | -41%  | 7.8    | 13.2     | 7.4    | 6%    | -41%   |
| Maruti Suzuki India      | 197091 | 224332      | 192832 | 2%   | -12%  | 26619  | 34313       | 30378  | -12% | -22%   | 16603  | 22404     | 17990  | -8%   | -26%  | 55.0   | 74.2     | 59.6   | -8%   | -26%   |
| Tata Motors              | 803787 | 721121      | 741561 | 8%   | 11%   | 86150  | 67576       | 85435  | 1%   | 27%    | 11993  | -186      | 10766  | 11%   |       | 3.5    | -0.1     | 3.2    | 11%   |        |
| TVS Motor                | 45066  | 49935       | 36850  | 22%  | -10%  | 3376   | 4282        | 2868   | 18%  | -21%   | 1511   | 2113      | 1544   | -2%   | -28%  | 3.2    | 4.4      | 3.2    | -2%   | -28%   |
| Auto ancillaries         |        |             |        |      |       |        |             |        |      |        |        |           |        |       |       |        |          |        |       |        |
| Amara Raja Batteries     | 17881  | 17531       | 15535  | 15%  | 2%    | 2743   | 2366        | 2416   | 14%  | 16%    | 1479   | 1202      | 1345   | 10%   | 23%   | 8.7    | 7.0      | 7.9    | 10%   | 23%    |
| Apollo Tyres             | 47562  | 42574       | 40501  | 17%  | 12%   | 5401   | 4672        | 4964   | 9%   | 16%    | 2293   | 1860      | 2453   | -7%   | 23%   | 4.0    | 3.3      | 4.3    | -7%   | 23%    |
| Exide Industries         | 25027  | 27204       | 22783  | 10%  | -8%   | 3385   | 3327        | 2826   | 20%  | 2%     | 1818   | 1908      | 1543   | 18%   | -5%   | 2.1    | 2.2      | 1.8    | 18%   | -5%    |
| Motherson Sumi           | 177419 | 151050      | 143877 | 23%  | 17%   | 13602  | 13001       | 12493  | 9%   | 5%     | 3819   | 3711      | 3666   | 4%    | 3%    | 1.2    | 1.2      | 1.2    | 4%    | 3%     |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

|                            | Net    | Sales (Rs m | n)     | Growt | :h (%) | Ebi    | tda (Rs mn | )      | Growt | :h (%) | AP     | AT (Rs mn | )      | Growt | h (%) |        | EPS (Rs) |        | Growt | ( <b>h (%)</b> |
|----------------------------|--------|-------------|--------|-------|--------|--------|------------|--------|-------|--------|--------|-----------|--------|-------|-------|--------|----------|--------|-------|----------------|
| Company Nam                | Q3FY19 | Q2FY19      | Q3FY18 | YoY   | QoQ    | Q3FY19 | Q2FY19     | Q3FY18 | YoY   | QoQ    | Q3FY19 | Q2FY19    | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ            |
| Banks & Fin. Services      |        |             |        |       |        |        |            |        |       |        |        |           |        |       |       |        |          |        |       |                |
| Axis Bank                  | 54430  | 52321       | 47315  | 15%   | 4%     | 42821  | 40940      | 38538  | 11%   | 5%     | 9260   | 7896      | 7264   | 27%   | 17%   | 3.6    | 3.1      | 2.8    | 27%   | 17%            |
| Bajaj Finance              | 30004  | 26652       | 23724  | 26%   | 13%    | 19094  | 17386      | 14230  | 34%   | 10%    | 10099  | 9203      | 7668   | 32%   | 10%   | 17.5   | 16.0     | 13.3   | 31%   | 10%            |
| Bank of Baroda             | 47407  | 44925       | 43940  | 8%    | 6%     | 34890  | 30819      | 36501  | -4%   | 13%    | 5681   | 4254      | 1118   | 408%  | 34%   | 2.1    | 1.6      | 0.5    | 343%  | 34%            |
| Cholamandalam Finance      | 8142   | 8119        | 7930   | 3%    | 0%     | 5259   | 5207       | 4694   | 12%   | 1%     | 2927   | 3047      | 2492   | 17%   | -4%   | 18.7   | 19.5     | 15.9   | 17%   | -4%            |
| Edelw eiss Fin. Services   | 14019  | 14718       | 11861  | 18%   | -5%    | 4040   | 4588       | 3608   | 12%   | -12%   | 2416   | 2764      | 2364   | 2%    | -13%  | 2.7    | 3.1      | 2.6    | 6%    | -13%           |
| HDFC                       | 30388  | 26288       | 29287  | 4%    | 16%    | 29850  | 38904      | 29099  | 3%    | -23%   | 21097  | 24671     | 56702  | -63%  | -14%  | 12.4   | 14.5     | 35.5   | -65%  | -14%           |
| HDFC Bank                  | 125026 | 117634      | 103143 | 21%   | 6%     | 103720 | 94800      | 84513  | 23%   | 9%     | 56113  | 50057     | 46426  | 21%   | 12%   | 20.7   | 18.4     | 17.9   | 15%   | 12%            |
| HDFC Standard Life         | 67792  | 68405       | 54677  | 24%   | -1%    | 0      | 0          | 0      |       |        | 2426   | 2870      | 2073   | 17%   | -15%  | 1.2    | 1.4      | 1.0    | 17%   | -15%           |
| ICICI Bank                 | 66639  | 64176       | 57053  | 17%   | 4%     | 58297  | 52497      | 50578  | 15%   | 11%    | 17494  | 9089      | 16502  | 6%    | 92%   | 13.6   | 7.1      | 12.8   | 6%    | 92%            |
| ICICI Pru Life             | 78374  | 76819       | 68556  | 14%   | 2%     | 0      | 0          | 0      |       |        | 3504   | 3009      | 4521   | -22%  | 16%   | 2.4    | 2.1      | 3.1    | -22%  | 16%            |
| Indusind Bank              | 23060  | 22033       | 18948  | 22%   | 5%     | 20468  | 19924      | 16647  | 23%   | 3%     | 8889   | 9203      | 9362   | -5%   | -3%   | 3.0    | 3.1      | 3.1    | -5%   | -3%            |
| L&T Finance Holdings       | 15838  | 15966       | 12706  | 25%   | -1%    | 11513  | 11494      | 9409   | 22%   | 0%     | 4954   | 5604      | 3841   | 29%   | -12%  | 2.8    | 2.8      | 2.0    | 43%   | 0%             |
| LIC Housing Finance        | 10017  | 10599       | 8976   | 12%   | -5%    | 9372   | 9633       | 8050   | 16%   | -3%    | 5353   | 5732      | 4911   | 9%    | -7%   | 10.6   | 11.4     | 9.7    | 9%    | -7%            |
| Magma Fincorp              | 3414   | 3498        | 3593   | -5%   | -2%    | 1878   | 1913       | 1942   | -3%   | -2%    | 787    | 766       | 650    | 21%   | 3%    | 2.9    | 2.8      | 2.7    | 7%    | 3%             |
| Mahindra Finance           | 12090  | 11666       | 10711  | 13%   | 4%     | 7378   | 7869       | 6553   | 13%   | -6%    | 3443   | 3814      | 3420   | 1%    | -10%  | 5.6    | 6.2      | 5.6    | 1%    | -10%           |
| Max Financial              | 35367  | 32990       | 30444  | 16%   | 7%     | 0      | 0          | 0      |       |        | 1374   | 1546      | 1280   | 7%    | -11%  | 2.2    | 3.1      | 2.3    | -3%   | -30%           |
| SBI Life                   | 87101  | 76855       | 68141  | 28%   | 13%    | 0      | 0          | 0      |       |        | 2851   | 2505      | 2303   | 24%   | 14%   | 2.9    | 2.5      | 2.3    | 24%   | 14%            |
| Shriram City Union Finance | 9421   | 9769        | 9157   | 3%    | -4%    | 5601   | 6243       | 5449   | 3%    | -10%   | 2108   | 2493      | 2255   | -7%   | -15%  | 32.0   | 37.8     | 34.2   | -7%   | -15%           |
| Shriram Transport Finance  | 19671  | 20612       | 17094  | 15%   | -5%    | 14885  | 16226      | 13486  | 10%   | -8%    | 5512   | 6096      | 4956   | 11%   | -10%  | 24.3   | 26.9     | 21.8   | 11%   | -10%           |
| State Bank of India        | 219392 | 209057      | 186875 | 17%   | 5%     | 141604 | 139049     | 117546 | 20%   | 2%     | 11885  | 9449      | -24164 |       | 26%   | 1.3    | 1.1      | -2.8   |       | 26%            |
| Yes Bank                   | 25122  | 24176       | 18888  | 33%   | 4%     | 24443  | 23664      | 20018  | 22%   | 3%     | 11513  | 9647      | 10769  | 7%    | 19%   | 5.0    | 4.2      | 4.7    | 6%    | 19%            |
| Building Materials         |        |             |        |       |        |        |            |        |       |        |        |           |        |       |       |        |          |        |       |                |
| Century Plyboards          | 5986   | 5644        | 5099   | 17%   | 6%     | 924    | 742        | 878    | 5%    | 24%    | 548    | 378       | 467    | 18%   | 45%   | 2.5    | 1.7      | 2.1    | 18%   | 45%            |
| HSIL                       | 6405   | 6227        | 5795   | 11%   | 3%     | 749    | 514        | 725    | 3%    | 46%    | 180    | 47        | 295    | -39%  | 285%  | 2.7    | 0.7      | 4.5    | -39%  | 285%           |
| Kajaria Ceramics           | 7418   | 7253        | 6612   | 12%   | 2%     | 1157   | 1089       | 1100   | 5%    | 6%     | 577    | 536       | 543    | 6%    | 8%    | 7.3    | 6.7      | 6.8    | 6%    | 8%             |
| Somany Ceramics            | 4283   | 3928        | 3800   | 13%   | 9%     | 257    | 164        | 281    | -9%   | 57%    | 105    | 46        | 143    | -27%  | 129%  | 2.7    | 1.2      | 3.7    | -27%  | 129%           |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

|                        | Net    | Sales (Rs m | n)     | Growt | :h (%) | Ebi    | itda (Rs mn | )      | Grow | th (%) | AP     | AT (Rs mn | )      | Growt | h (%) |        | EPS (Rs) |        | Growt | :h (%) |
|------------------------|--------|-------------|--------|-------|--------|--------|-------------|--------|------|--------|--------|-----------|--------|-------|-------|--------|----------|--------|-------|--------|
| Company Nam            | Q3FY19 | Q2FY19      | Q3FY18 | YoY   | QoQ    | Q3FY19 | Q2FY19      | Q3FY18 | YoY  | QoQ    | Q3FY19 | Q2FY19    | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ    |
| Cement                 |        |             |        |       |        |        |             |        |      |        |        |           |        |       |       |        |          |        |       |        |
| ACC                    | 37867  | 34332       | 34941  | 8%    | 10%    | 5012   | 4461        | 4084   | 23%  | 12%    | 2473   | 2091      | 1703   | 45%   | 18%   | 13.2   | 11.1     | 9.1    | 45%   | 18%    |
| Ambuja Cements         | 29212  | 26139       | 27126  | 8%    | 12%    | 4823   | 3582        | 5383   | -10% | 35%    | 2300   | 1786      | 3119   | -26%  | 29%   | 1.5    | 1.2      | 2.1    | -26%  | 29%    |
| India Cements          | 12585  | 13871       | 12131  | 4%    | -9%    | 1263   | 1548        | 1673   | -25% | -18%   | -126   | 132       | 152    |       |       | -0.4   | 0.4      | 0.5    |       |        |
| JK Cement              | 12332  | 11006       | 11261  | 10%   | 12%    | 1925   | 1698        | 1702   | 13%  | 13%    | 802    | 647       | 731    | 10%   | 24%   | 11.5   | 9.3      | 10.4   | 10%   | 24%    |
| Jk Lakshmi Cement      | 8609   | 8514        | 8374   | 3%    | 1%     | 969    | 916         | 943    | 3%   | 6%     | 103    | 78        | 86     | 20%   | 32%   | 0.9    | 0.7      | 0.7    | 20%   | 32%    |
| Orient Cement          | 5614   | 5608        | 5115   | 10%   | 0%     | 320    | 358         | 391    | -18% | -10%   | -198   | -167      | -177   |       |       | -1.0   | -0.8     | -0.9   |       |        |
| Prism Johnson          | 13830  | 13353       | 12963  | 7%    | 4%     | 947    | 803         | 822    | 15%  | 18%    | 166    | 70        | 149    | 11%   | 135%  | 0.3    | 0.1      | 0.3    | 11%   | 135%   |
| Ramco Cements          | 11895  | 11835       | 10564  | 13%   | 1%     | 2121   | 2472        | 2306   | -8%  | -14%   | 943    | 1145      | 1180   | -20%  | -18%  | 4.0    | 4.8      | 5.0    | -20%  | -18%   |
| Sanghi Industries      | 2610   | 2441        | 2796   | -7%   | 7%     | 378    | 324         | 618    | -39% | 17%    | 73     | 20        | 322    | -77%  | 271%  | 0.3    | 0.1      | 1.5    | -77%  | 271%   |
| Shree Cements          | 26327  | 25866       | 23027  | 14%   | 2%     | 5698   | 5733        | 5293   | 8%   | -1%    | 1472   | 2810      | 2930   | -50%  | -48%  | 42.3   | 80.7     | 84.1   | -50%  | -48%   |
| Star Cement            | 4359   | 3623        | 3774   | 15%   | 20%    | 1081   | 687         | 1413   | -23% | 57%    | 733    | 364       | 895    | -18%  | 101%  | 1.7    | 0.9      | 2.1    | -18%  | 101%   |
| Ultratech Cement       | 88640  | 79231       | 75899  | 17%   | 12%    | 14738  | 12931       | 12691  | 16%  | 14%    | 5099   | 3908      | 3177   | 61%   | 30%   | 18.6   | 14.2     | 11.6   | 61%   | 30%    |
| Construction & Infra   |        |             |        |       |        |        |             |        |      |        |        |           |        |       |       |        |          |        |       |        |
| Ahluw alia Contracts   | 5069   | 4392        | 3611   | 40%   | 15%    | 660    | 574         | 625    | 6%   | 15%    | 366    | 312       | 292    | 25%   | 17%   | 5.5    | 4.7      | 4.4    | 25%   | 17%    |
| Ashoka Buildcon        | 8427   | 7644        | 6589   | 28%   | 10%    | 1096   | 1037        | 746    | 47%  | 6%     | 676    | 621       | 470    | 44%   | 9%    | 2.4    | 2.2      | 1.7    | 44%   | 9%     |
| Container Corporation  | 18126  | 18223       | 16396  | 11%   | -1%    | 4441   | 5042        | 4456   | 0%   | -12%   | 2992   | 3361      | 2891   | 3%    | -11%  | 6.1    | 6.9      | 5.9    | 3%    | -11%   |
| IRB Infrastructure     | 14944  | 14323       | 12962  | 15%   | 4%     | 6874   | 6701        | 6303   | 9%   | 3%     | 2070   | 1729      | 2073   | 0%    | 20%   | 5.9    | 4.9      | 5.9    | 0%    | 20%    |
| ITD Cementation        | 6544   | 6204        | 5749   | 14%   | 5%     | 785    | 781         | 786    | 0%   | 1%     | 278    | 274       | 395    | -30%  | 2%    | 1.6    | 1.6      | 2.3    | -30%  | 2%     |
| J Kumar                | 6065   | 5147        | 4572   | 33%   | 18%    | 989    | 910         | 776    | 27%  | 9%     | 397    | 354       | 329    | 21%   | 12%   | 5.2    | 4.7      | 4.4    | 21%   | 12%    |
| KNR Construction       | 4605   | 4163        | 4332   | 6%    | 11%    | 806    | 831         | 984    | -18% | -3%    | 325    | 450       | 657    | -51%  | -28%  | 2.3    | 3.2      | 4.7    | -51%  | -28%   |
| NBCC                   | 18956  | 14059       | 15115  | 25%   | 35%    | 765    | 456         | 750    | 2%   | 68%    | 832    | 728       | 733    | 14%   | 14%   | 0.5    | 0.4      | 0.4    | 14%   | 14%    |
| NCC                    | 32385  | 31048       | 18507  | 75%   | 4%     | 3718   | 3651        | 2551   | 46%  | 2%     | 1671   | 1732      | 1304   | 28%   | -3%   | 2.8    | 2.9      | 2.2    | 28%   | -3%    |
| PNC Infratech          | 7055   | 5586        | 4725   | 49%   | 26%    | 917    | 746         | 663    | 38%  | 23%    | 477    | 351       | 931    | -49%  | 36%   | 1.9    | 1.4      | 3.6    | -49%  | 36%    |
| Sadbhav Engineering    | 9977   | 6906        | 9351   | 7%    | 44%    | 1197   | 833         | 1056   | 13%  | 44%    | 628    | 383       | 618    | 2%    | 64%   | 3.7    | 2.2      | 3.6    | 2%    | 64%    |
| Simplex Infrastructure | 17062  | 14791       | 13601  | 25%   | 15%    | 1877   | 1760        | 1684   | 11%  | 7%     | 386    | 244       | 311    | 24%   | 58%   | 6.8    | 4.3      | 5.5    | 24%   | 58%    |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

|                          | Net    | Sales (Rs mi | n)     | Growt | h (%) | Ebi    | tda (Rs mn | )      | Growt | h (%) | AP     | AT (Rsmn | )      | Growt | h (%) |        | EPS (Rs) |        | Growt | (%)  |
|--------------------------|--------|--------------|--------|-------|-------|--------|------------|--------|-------|-------|--------|----------|--------|-------|-------|--------|----------|--------|-------|------|
| Company Nam              | Q3FY19 | Q2FY19       | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19     | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ  |
| Consumers Goods          |        |              |        |       |       |        |            |        |       |       |        |          |        |       |       |        |          |        |       |      |
| Asian Paints             | 48480  | 46391        | 42605  | 14%   | 5%    | 9790   | 7842       | 8912   | 10%   | 25%   | 6144   | 4928     | 5546   | 11%   | 25%   | 6.4    | 5.1      | 5.8    | 11%   | 25%  |
| Berger Paints            | 15455  | 14901        | 13386  | 15%   | 4%    | 2473   | 2068       | 2226   | 11%   | 20%   | 1479   | 1173     | 1304   | 13%   | 26%   | 1.5    | 1.2      | 1.3    | 13%   | 26%  |
| Britannia Industries     | 28790  | 28696        | 25675  | 12%   | 0%    | 4679   | 4544       | 3984   | 17%   | 3%    | 3131   | 3030     | 2637   | 19%   | 3%    | 13.0   | 12.6     | 11.0   | 19%   | 3%   |
| Colgate-Palmolive        | 11367  | 11680        | 10333  | 10%   | -3%   | 3117   | 3296       | 2824   | 10%   | -5%   | 1856   | 1923     | 1635   | 13%   | -4%   | 6.8    | 7.1      | 6.0    | 13%   | -4%  |
| Dabur                    | 21527  | 21250        | 19664  | 9%    | 1%    | 4436   | 4508       | 4035   | 10%   | -2%   | 3704   | 3776     | 3330   | 11%   | -2%   | 2.1    | 2.1      | 1.9    | 11%   | -2%  |
| Emami                    | 8168   | 6280         | 7566   | 8%    | 30%   | 2831   | 1894       | 2647   | 7%    | 49%   | 2080   | 1300     | 1962   | 6%    | 60%   | 4.6    | 2.9      | 4.3    | 6%    | 60%  |
| Glaxosmithkline Consumer | 11369  | 12720        | 10347  | 10%   | -11%  | 2309   | 3537       | 2040   | 13%   | -35%  | 1969   | 2755     | 1637   | 20%   | -29%  | 46.8   | 65.5     | 38.9   | 20%   | -29% |
| Godrej Consumer Products | 27946  | 26592        | 26303  | 6%    | 5%    | 6341   | 4865       | 5987   | 6%    | 30%   | 4506   | 3580     | 4230   | 7%    | 26%   | 4.4    | 3.5      | 4.1    | 7%    | 26%  |
| Hindustan Unilever       | 95180  | 92340        | 85900  | 11%   | 3%    | 19801  | 20190      | 16800  | 18%   | -2%   | 14248  | 15220    | 11980  | 19%   | -6%   | 6.6    | 7.0      | 5.5    | 19%   | -6%  |
| Marico                   | 18678  | 18368        | 16243  | 15%   | 2%    | 3593   | 2941       | 3021   | 19%   | 22%   | 2644   | 2183     | 2233   | 18%   | 21%   | 2.0    | 1.7      | 1.7    | 18%   | 21%  |
| Nestle India             | 29799  | 29394        | 26015  | 15%   | 1%    | 7255   | 7146       | 6215   | 17%   | 2%    | 4725   | 4573     | 3945   | 20%   | 3%    | 49.0   | 47.4     | 40.9   | 20%   | 3%   |
| Pidilite Industries      | 17589  | 17574        | 15429  | 14%   | 0%    | 3861   | 3648       | 3703   | 4%    | 6%    | 2456   | 2312     | 2398   | 2%    | 6%    | 4.8    | 4.5      | 4.7    | 2%    | 6%   |
| United Brew eries        | 13810  | 15260        | 11971  | 15%   | -10%  | 2123   | 3182       | 1526   | 39%   | -33%  | 956    | 1638     | 474    | 102%  | -42%  | 3.6    | 6.2      | 1.8    | 102%  | -42% |
| United Spirits           | 25273  | 22281        | 22633  | 12%   | 13%   | 4020   | 4324       | 2723   | 48%   | -7%   | 2356   | 2586     | 1473   | 60%   | -9%   | 3.2    | 3.6      | 2.0    | 60%   | -9%  |
| Eng. & Capital Goods     |        |              |        |       |       |        |            |        |       |       |        |          |        |       |       |        |          |        |       |      |
| ABB                      | 29021  | 25154        | 27794  | 4%    | 15%   | 3194   | 1940       | 2937   | 9%    | 65%   | 2028   | 1083     | 1715   | 18%   | 87%   | 9.6    | 5.1      | 8.1    | 18%   | 87%  |
| BHEL                     | 69361  | 67799        | 67052  | 3%    | 2%    | 3812   | 2408       | 3021   | 26%   | 58%   | 2095   | 1852     | 1532   | 37%   | 13%   | 0.6    | 0.5      | 0.4    | 37%   | 13%  |
| Blue Star                | 10887  | 10322        | 9792   | 11%   | 5%    | 595    | 581        | 513    | 16%   | 2%    | 238    | 223      | 188    | 27%   | 7%    | 2.5    | 2.3      | 2.0    | 27%   | 7%   |
| Cummins India            | 15162  | 14869        | 13547  | 12%   | 2%    | 2426   | 2509       | 1967   | 23%   | -3%   | 1979   | 2116     | 1722   | 15%   | -6%   | 7.1    | 7.6      | 6.2    | 15%   | -6%  |
| Dynamatic Technologies   | 3842   | 3699         | 3517   | 9%    | 4%    | 511    | 426        | 336    | 52%   | 20%   | 105    | 79       | 1      | 9415% | 33%   | 16.5   | 12.4     | 0.2    | 9415% | 33%  |
| GE T&D India             | 13379  | 9933         | 15376  | -13%  | 35%   | 1338   | 921        | 1494   | -10%  | 45%   | 868    | 515      | 718    | 21%   | 69%   | 3.4    | 2.0      | 2.8    | 21%   | 69%  |
| Kalpataru Pow er         | 16300  | 15741        | 14174  | 15%   | 4%    | 1793   | 1709       | 1520   | 18%   | 5%    | 939    | 914      | 752    | 25%   | 3%    | 6.1    | 6.0      | 4.9    | 25%   | 3%   |
| KEC International        | 27657  | 24085        | 24049  | 15%   | 15%   | 2766   | 2532       | 2441   | 13%   | 9%    | 1123   | 963      | 1118   | 0%    | 17%   | 4.4    | 3.7      | 4.3    | 0%    | 17%  |
| Siemens                  | 29034  | 39392        | 24295  | 20%   | -26%  | 2855   | 4186       | 2724   | 5%    | -32%  | 1977   | 2792     | 1905   | 4%    | -29%  | 5.6    | 7.8      | 5.4    | 4%    | -29% |
| Skipper                  | 5812   | 5240         | 5664   | 3%    | 11%   | 559    | 388        | 741    | -24%  | 44%   | 269    | 25       | 292    | -8%   | 980%  | 2.6    | 0.2      | 2.9    | -8%   | 980% |
| Thermax                  | 12416  | 14276        | 11170  | 11%   | -13%  | 971    | 1100       | 955    | 2%    | -12%  | 685    | 745      | 586    | 17%   | -8%   | 6.1    | 6.6      | 5.2    | 17%   | -8%  |
| Triveni Turbine          | 1739   | 2172         | 1656   | 5%    | -20%  | 383    | 451        | 332    | 15%   | -15%  | 247    | 301      | 194    | 28%   | -18%  | 0.8    | 0.9      | 0.6    | 28%   | -18% |
| Voltas                   | 14202  | 14214        | 13747  | 3%    | 0%    | 1380   | 1085       | 1142   | 21%   | 27%   | 1141   | 1035     | 995    | 15%   | 10%   | 3.5    | 3.1      | 3.0    | 15%   | 10%  |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

|                           | Net    | Sales (Rs m | n)     | Growt | h (%) | Ebi    | tda (Rsm.n | ı)     | Grow | th (%) | AP     | AT (Rsm.n | )      | Growt | h (%) |        | EPS (Rs) |        | Growt | th (%) |
|---------------------------|--------|-------------|--------|-------|-------|--------|------------|--------|------|--------|--------|-----------|--------|-------|-------|--------|----------|--------|-------|--------|
| Company Nam               | Q3FY19 | Q2FY19      | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19     | Q3FY18 | YoY  | QoQ    | Q3FY19 | Q2FY19    | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ    |
| IT Services               |        |             |        |       |       |        |            |        |      |        |        |           |        |       |       |        |          |        |       |        |
| eclerx Services           | 3672   | 3559        | 3399   | 8%    | 3%    | 908    | 831        | 904    | 0%   | 9%     | 667    | 698       | 575    | 16%   | -4%   | 17.5   | 17.8     | 14.4   | 21%   | -2%    |
| Firstsource Solutions     | 10153  | 9547        | 8872   | 14%   | 6%    | 1437   | 1328       | 1161   | 24%  | 8%     | 984    | 928       | 996    | -1%   | 6%    | 1.4    | 1.3      | 1.5    | -2%   | 6%     |
| HCL Tech                  | 154723 | 148610      | 128080 | 21%   | 4%    | 36515  | 34990      | 29640  | 23%  | 4%     | 26275  | 25400     | 21940  | 20%   | 3%    | 19.4   | 18.2     | 15.7   | 23%   | 6%     |
| Hexaw are Technologies    | 12590  | 12096       | 10048  | 25%   | 4%    | 1989   | 2023       | 1599   | 24%  | -2%    | 1395   | 1722      | 1211   | 15%   | -19%  | 4.6    | 5.7      | 4.1    | 13%   | -19%   |
| Infosys                   | 212773 | 206090      | 177940 | 20%   | 3%    | 48937  | 48940      | 43190  | 13%  | 0%     | 41481  | 41100     | 36970  | 12%   | 1%    | 9.5    | 9.4      | 8.5    | 12%   | 1%     |
| Intellect Design          | 3517   | 3804        | 2707   | 30%   | -8%   | 202    | 383        | 161    | 25%  | -47%   | 122    | 315       | 122    | 0%    | -61%  | 1.0    | 2.5      | 1.0    | 0%    | -61%   |
| L&T Infotech              | 24752  | 24023       | 19609  | 26%   | 3%    | 5544   | 5501       | 3987   | 39%  | 1%     | 4057   | 4003      | 2829   | 43%   | 1%    | 23.2   | 22.9     | 16.2   | 43%   | 1%     |
| Majesco                   | 2489   | 2425        | 2073   | 20%   | 3%    | 276    | 265        | 94     | 193% | 4%     | 164    | 133       | -91    |       | 23%   | 5.8    | 4.8      | -3.6   |       | 22%    |
| Mindtree                  | 18025  | 17554       | 13777  | 31%   | 3%    | 2794   | 2699       | 2074   | 35%  | 4%     | 2098   | 2063      | 1415   | 48%   | 2%    | 12.8   | 12.6     | 8.6    | 48%   | 2%     |
| Mphasis                   | 19895  | 19149       | 16607  | 20%   | 4%    | 3104   | 3145       | 2566   | 21%  | -1%    | 2548   | 2709      | 2150   | 19%   | -6%   | 13.7   | 14.6     | 11.6   | 19%   | -6%    |
| MPS                       | 1024   | 1006        | 679    | 51%   | 2%    | 266    | 258        | 239    | 11%  | 3%     | 192    | 187       | 176    | 9%    | 3%    | 10.3   | 10.0     | 9.4    | 9%    | 3%     |
| NIIT                      | 2278   | 2285        | 2094   | 9%    | 0%    | 215    | 219        | 184    | 17%  | -1%    | 199    | 260       | 197    | 1%    | -23%  | 1.2    | 1.6      | 1.2    | 1%    | -23%   |
| NIIT Tech                 | 9615   | 9074        | 7565   | 27%   | 6%    | 1740   | 1634       | 1296   | 34%  | 7%     | 1144   | 1118      | 757    | 51%   | 2%    | 18.6   | 18.2     | 12.3   | 51%   | 2%     |
| Nucleus Software          | 1234   | 1215        | 1060   | 16%   | 2%    | 232    | 229        | 187    | 24%  | 1%     | 203    | 191       | 181    | 12%   | 6%    | 7.0    | 6.6      | 6.2    | 12%   | 6%     |
| Oracle Financial Services | 12863  | 12133       | 10591  | 21%   | 6%    | 5332   | 4988       | 4202   | 27%  | 7%     | 3745   | 3520      | 2897   | 29%   | 6%    | 43.9   | 41.2     | 33.9   | 29%   | 6%     |
| Persistent Systems        | 8697   | 8356        | 7919   | 10%   | 4%    | 1522   | 1436       | 1375   | 11%  | 6%     | 903    | 881       | 917    | -1%   | 2%    | 11.3   | 11.0     | 11.5   | -1%   | 2%     |
| Ramco Systems             | 1407   | 1315        | 1252   | 12%   | 7%    | 291    | 229        | 194    | 50%  | 27%    | 130    | 41        | 38     | 244%  | 218%  | 4.2    | 1.3      | 1.2    | 240%  | 220%   |
| TCS                       | 379085 | 368540      | 309040 | 23%   | 3%    | 105765 | 102780     | 82880  | 28%  | 3%     | 84014  | 79010     | 65310  | 29%   | 6%    | 22.4   | 21.1     | 17.4   | 29%   | 6%     |
| Tech Mahindra             | 89936  | 86298       | 77760  | 16%   | 4%    | 17088  | 16186      | 12647  | 35%  | 6%     | 11385  | 10642     | 9432   | 21%   | 7%    | 12.8   | 11.9     | 10.6   | 20%   | 7%     |
| Wipro                     | 152944 | 146627      | 136815 | 12%   | 4%    | 26109  | 20347      | 19775  | 32%  | 28%    | 23358  | 18889     | 19342  | 21%   | 24%   | 5.2    | 4.2      | 4.3    | 21%   | 24%    |
| Media & Entertainment     |        |             |        |       |       |        |            |        |      |        |        |           |        |       |       |        |          |        |       |        |
| DB Corp                   | 6480   | 5821        | 5986   | 8%    | 11%   | 1255   | 923        | 1396   | -10% | 36%    | 687    | 462       | 781    | -12%  | 49%   | 3.9    | 2.6      | 4.5    | -12%  | 49%    |
| Dish TV                   | 16486  | 15943       | 16143  | 2%    | 3%    | 5593   | 5406       | 4978   | 12%  | 3%     | 283    | 255       | -1637  |       | 11%   | 0.3    | 0.2      | -1.5   |       | 11%    |
| Entertainment Network     | 1779   | 1225        | 1484   | 20%   | 45%   | 428    | 273        | 356    | 20%  | 56%    | 175    | 90        | 132    | 33%   | 93%   | 3.7    | 1.9      | 2.8    | 33%   | 93%    |
| Inox Leisure              | 4344   | 3653        | 3259   | 33%   | 19%   | 671    | 448        | 463    | 45%  | 50%    | 253    | 120       | 132    | 92%   | 111%  | 2.6    | 1.2      | 1.4    | 92%   | 111%   |
| Jagran Prakashan          | 6235   | 5534        | 5981   | 4%    | 13%   | 1387   | 996        | 1629   | -15% | 39%    | 672    | 421       | 848    | -21%  | 60%   | 2.2    | 1.4      | 2.6    | -17%  | 60%    |
| PVR                       | 7910   | 7103        | 5587   | 42%   | 11%   | 1554   | 1258       | 1018   | 53%  | 24%    | 461    | 330       | 289    | 60%   | 40%   | 9.9    | 7.1      | 6.2    | 60%   | 40%    |
| Sun TV Network            | 9168   | 7496        | 6833   | 34%   | 22%   | 7037   | 5540       | 4920   | 43%  | 27%    | 3368   | 3513      | 2670   | 26%   | -4%   | 8.5    | 8.9      | 6.8    | 26%   | -4%    |
| Zee Entertainment         | 21257  | 19759       | 18381  | 16%   | 8%    | 7371   | 6757       | 5944   | 24%  | 9%     | 5047   | 4087      | 3641   | 39%   | 24%   | 5.3    | 4.3      | 3.8    | 39%   | 24%    |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

|                        | Net     | Sales (Rs m | n)      | Growt | h (%) | Ebi    | tda (Rs mn | )      | Grow | th (%) | AP     | AT (Rsmn | )      | Growt | h (%) |        | EPS (Rs) |        | Growt | :h (%) |
|------------------------|---------|-------------|---------|-------|-------|--------|------------|--------|------|--------|--------|----------|--------|-------|-------|--------|----------|--------|-------|--------|
| Company Nam            | Q3FY19  | Q2FY19      | Q3FY18  | YoY   | QoQ   | Q3FY19 | Q2FY19     | Q3FY18 | YoY  | QoQ    | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ    |
| Metals & Mining        |         |             |         |       |       |        |            |        |      |        |        |          |        |       |       |        |          |        |       |        |
| Coal India             | 244490  | 221981      | 216433  | 13%   | 10%   | 54636  | 39142      | 46179  | 18%  | 40%    | 40629  | 30847    | 30051  | 35%   | 32%   | 6.5    | 5.0      | 4.8    | 35%   | 32%    |
| Hindalco               | 125060  | 108330      | 110228  | 13%   | 15%   | 15160  | 10907      | 13117  | 16%  | 39%    | 5898   | 3086     | 4908   | 20%   | 91%   | 3.1    | 1.6      | 2.6    | 20%   | 91%    |
| Hindustan Zinc         | 53259   | 47770       | 59220   | -10%  | 11%   | 26624  | 23340      | 32440  | -18% | 14%    | 19167  | 18150    | 22980  | -17%  | 6%    | 4.5    | 4.3      | 5.4    | -17%  | 6%     |
| Jindal Stainless       | 29980   | 30814       | 29889   | 0%    | -3%   | 3048   | 2312       | 3855   | -21% | 32%    | 541    | 167      | 963    | -44%  | 224%  | 1.1    | 0.3      | 2.1    | -46%  | 224%   |
| Jindal Stainless Hisar | 22174   | 22294       | 24386   | -9%   | -1%   | 2216   | 2298       | 3251   | -32% | -4%    | 644    | 674      | 1140   | -44%  | -4%   | 2.7    | 2.9      | 4.8    | -44%  | -4%    |
| JSW Steel              | 195101  | 215520      | 178610  | 9%    | -9%   | 42391  | 49060      | 38510  | 10%  | -14%   | 16419  | 20870    | 20170  | -19%  | -21%  | 6.8    | 8.7      | 8.4    | -19%  | -21%   |
| MOIL                   | 3803    | 3578        | 2998    | 27%   | 6%    | 1162   | 1463       | 1228   | -5%  | -21%   | 855    | 1051     | 1038   | -18%  | -19%  | 3.3    | 4.1      | 3.9    | -15%  | -19%   |
| National Aluminium Co  | 28299   | 30409       | 23888   | 18%   | -7%   | 6872   | 8509       | 3437   | 100% | -19%   | 4087   | 5100     | -797   |       | -20%  | 2.1    | 2.6      | -0.4   |       | -20%   |
| NMDC                   | 26281   | 24379       | 24690   | 6%    | 8%    | 13236  | 12594      | 12099  | 9%   | 5%     | 9231   | 6365     | 7417   | 24%   | 45%   | 2.9    | 2.0      | 2.3    | 24%   | 45%    |
| SAIL                   | 178338  | 167180      | 153237  | 16%   | 7%    | 24265  | 23650      | 14402  | 68%  | 3%     | 6498   | 5878     | 865    | 651%  | 11%   | 1.6    | 1.4      | 0.2    | 651%  | 11%    |
| Tata Steel             | 381729  | 435441      | 334466  | 14%   | -12%  | 76804  | 89195      | 56969  | 35%  | -14%   | 25763  | 29579    | 22595  | 14%   | -13%  | 21.4   | 24.6     | 23.3   | -8%   | -13%   |
| Vedanta                | 221550  | 227050      | 243610  | -9%   | -2%   | 61718  | 52080      | 67630  | -9%  | 19%    | 19201  | 10230    | 21510  | -11%  | 88%   | 5.2    | 2.8      | 5.8    | -11%  | 88%    |
| Oil & Gas              |         |             |         |       |       |        |            |        |      |        |        |          |        |       |       |        |          |        |       |        |
| BPCL                   | 710710  | 722918      | 606164  | 17%   | -2%   | -290   | 33497      | 31882  |      |        | 3257   | 12187    | 21437  | -85%  | -73%  | 1.7    | 6.2      | 10.9   | -85%  | -73%   |
| Gujarat Gas            | 20659   | 19644       | 15713   | 31%   | 5%    | 2423   | 1801       | 1999   | 21%  | 35%    | 853    | 604      | 600    | 42%   | 41%   | 6.2    | 4.4      | 4.4    | 42%   | 41%    |
| Gujarat State Petronet | 4633    | 4870        | 3502    | 32%   | -5%   | 4015   | 4050       | 2971   | 35%  | -1%    | 2232   | 3233     | 1816   | 23%   | -31%  | 4.0    | 5.7      | 3.2    | 23%   | -31%   |
| Gulf Oil Lubricants    | 4249    | 4172        | 3559    | 19%   | 2%    | 751    | 714        | 616    | 22%  | 5%     | 480    | 403      | 425    | 13%   | 19%   | 9.7    | 8.1      | 8.5    | 13%   | 19%    |
| HPCL                   | 657585  | 675180      | 574743  | 14%   | -3%   | 4524   | 30086      | 31585  | -86% | -85%   | 2347   | 10920    | 19497  | -88%  | -79%  | 1.8    | 8.5      | 15.3   | -88%  | -79%   |
| Indian Oil             | 1295820 | 1308797     | 1106669 | 17%   | -1%   | 3184   | 94936      | 132687 | -98% | -97%   | 1080   | 33227    | 78832  | -99%  | -97%  | 0.1    | 3.5      | 8.3    | -99%  | -97%   |
| Indraprastha Gas       | 14966   | 14215       | 11839   | 26%   | 5%    | 3265   | 3080       | 2631   | 24%  | 6%     | 1984   | 1873     | 1659   | 20%   | 6%    | 2.8    | 2.7      | 2.4    | 20%   | 6%     |
| Petronet LNG           | 96163   | 107453      | 77571   | 24%   | -11%  | 8009   | 9047       | 8474   | -5%  | -11%   | 4787   | 5629     | 5288   | -9%   | -15%  | 3.2    | 3.8      | 3.5    | -9%   | -15%   |
| Reliance Industries    | 839867  | 961670      | 732560  | 15%   | -13%  | 142068 | 148920     | 137440 | 3%   | -5%    | 84547  | 88590    | 84540  | 0%    | -5%   | 14.3   | 15.0     | 14.3   | 0%    | -5%    |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Ple Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

|                           | Net    | Sales (Rs m | n)     | Growt | :h (%) | Ebi    | tda (Rsmn | )      | Grow | th (%) | AP     | AT (Rsmn | )      | Growt | h (%) |        | EPS (Rs) |        | Growt | h (%) |
|---------------------------|--------|-------------|--------|-------|--------|--------|-----------|--------|------|--------|--------|----------|--------|-------|-------|--------|----------|--------|-------|-------|
| Company Nam               | Q3FY19 | Q2FY19      | Q3FY18 | YoY   | QoQ    | Q3FY19 | Q2FY19    | Q3FY18 | YoY  | QoQ    | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ   |
| Pharmaceuticals           |        |             |        |       |        |        |           |        |      |        |        |          |        |       |       |        |          |        |       |       |
| Aurobindo Pharma          | 48339  | 47514       | 43361  | 11%   | 2%     | 10735  | 10260     | 10256  | 5%   | 5%     | 6614   | 6383     | 6614   | 0%    | 4%    | 11.3   | 10.9     | 11.3   | 0%    | 4%    |
| Cadila Healthcare         | 30972  | 29612       | 32596  | -5%   | 5%     | 7298   | 6878      | 8412   | -13% | 6%     | 4344   | 4175     | 5433   | -20%  | 4%    | 4.2    | 4.1      | 5.3    | -20%  | 4%    |
| Cipla                     | 38761  | 40119       | 39138  | -1%   | -3%    | 7021   | 7528      | 8187   | -14% | -7%    | 3375   | 3771     | 4677   | -28%  | -10%  | 4.2    | 4.7      | 5.8    | -28%  | -10%  |
| Divi's Lab                | 11895  | 12850       | 10379  | 15%   | -7%    | 4524   | 5141      | 3261   | 39%  | -12%   | 3323   | 3977     | 2247   | 48%   | -16%  | 12.5   | 15.0     | 8.5    | 48%   | -16%  |
| Dr. Reddy's Lab           | 38597  | 37978       | 38060  | 1%    | 2%     | 7619   | 7403      | 8006   | -5%  | 3%     | 4017   | 5038     | 3663   | 10%   | -20%  | 24.2   | 30.3     | 22.1   | 10%   | -20%  |
| Glenmark Pharma           | 26285  | 25813       | 22037  | 19%   | 2%     | 4631   | 4401      | 3227   | 44%  | 5%     | 2551   | 2468     | 1099   | 132%  | 3%    | 9.0    | 8.7      | 3.9    | 132%  | 3%    |
| Granules India            | 5447   | 5809        | 4107   | 33%   | -6%    | 969    | 1005      | 740    | 31%  | -4%    | 542    | 603      | 350    | 55%   | -10%  | 2.1    | 2.4      | 1.4    | 55%   | -10%  |
| lpca Lab                  | 9592   | 9978        | 8592   | 12%   | -4%    | 1688   | 1728      | 1612   | 5%   | -2%    | 1134   | 1198     | 1056   | 7%    | -5%   | 9.0    | 9.5      | 8.4    | 7%    | -5%   |
| Lupin                     | 40262  | 39511       | 39756  | 1%    | 2%     | 5816   | 5496      | 6883   | -16% | 6%     | 2417   | 2660     | 2222   | 9%    | -9%   | 5.4    | 5.9      | 4.9    | 9%    | -9%   |
| Sun Pharma                | 72378  | 69376       | 66532  | 9%    | 4%     | 15907  | 15312     | 14534  | 9%   | 4%     | 10259  | 9956     | 8784   | 17%   | 3%    | 4.3    | 4.1      | 3.7    | 17%   | 3%    |
| Suven Life Sciences       | 1440   | 895         | 1637   | -12%  | 61%    | 394    | 244       | 514    | -23% | 61%    | 288    | 180      | 346    | -17%  | 60%   | 2.3    | 1.4      | 2.7    | -17%  | 60%   |
| Torrent pharma            | 18724  | 18940       | 14770  | 27%   | -1%    | 5015   | 4980      | 3590   | 40%  | 1%     | 1863   | 2040     | 1720   | 8%    | -9%   | 11.0   | 12.1     | 10.2   | 8%    | -9%   |
| Port                      |        |             |        |       |        |        |           |        |      |        |        |          |        |       |       |        |          |        |       |       |
| Adani Ports               | 29215  | 26080       | 26889  | 9%    | 12%    | 18996  | 17035     | 17842  | 6%   | 12%    | 11480  | 11847    | 9729   | 18%   | -3%   | 5.5    | 5.7      | 4.7    | 18%   | -3%   |
| Gujarat Pipavav           | 1794   | 1711        | 1627   | 10%   | 5%     | 1005   | 975       | 947    | 6%   | 3%     | 540    | 553      | 579    | -7%   | -2%   | 1.1    | 1.1      | 1.2    | -7%   | -2%   |
| Power                     |        |             |        |       |        |        |           |        |      |        |        |          |        |       |       |        |          |        |       |       |
| CESC                      | 18748  | 22200       | 17060  | 10%   | -16%   | 3101   | 5110      | 2760   | 12%  | -39%   | 1696   | 2710     | 1540   | 10%   | -37%  | 12.7   | 20.3     | 11.6   | 10%   | -37%  |
| Gujarat Industries Pow er | 3832   | 3612        | 3426   | 12%   | 6%     | 1497   | 1467      | 1178   | 27%  | 2%     | 747    | 998      | 591    | 26%   | -25%  | 4.9    | 6.6      | 3.9    | 26%   | -25%  |
| JSW energy                | 21446  | 24308       | 19932  | 8%    | -12%   | 5844   | 8613      | 5807   | 1%   | -32%   | 844    | 3021     | 506    | 67%   | -72%  | 0.5    | 1.8      | 0.3    | 67%   | -72%  |
| NHPC                      | 16060  | 24950       | 14979  | 7%    | -36%   | 8740   | 15966     | 7843   | 11%  | -45%   | 6650   | 12031    | 6864   | -3%   | -45%  | 0.6    | 1.1      | 0.6    | -3%   | -45%  |
| NTPC                      | 226054 | 223115      | 208507 | 8%    | 1%     | 58731  | 56427     | 55953  | 5%   | 4%     | 27031  | 24260    | 23608  | 15%   | 11%   | 3.3    | 2.9      | 2.9    | 15%   | 11%   |
| Pow er Grid Corporation   | 83838  | 82830       | 75070  | 12%   | 1%     | 71463  | 69725     | 67383  | 6%   | 2%     | 23848  | 23095    | 20408  | 17%   | 3%    | 4.6    | 4.4      | 3.9    | 17%   | 3%    |
| Reliance Pow er           | 24829  | 22831       | 24947  | 0%    | 9%     | 12030  | 11167     | 11958  | 1%   | 8%     | 2984   | 2434     | 2803   | 6%    | 23%   | 1.1    | 0.9      | 1.0    | 6%    | 23%   |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

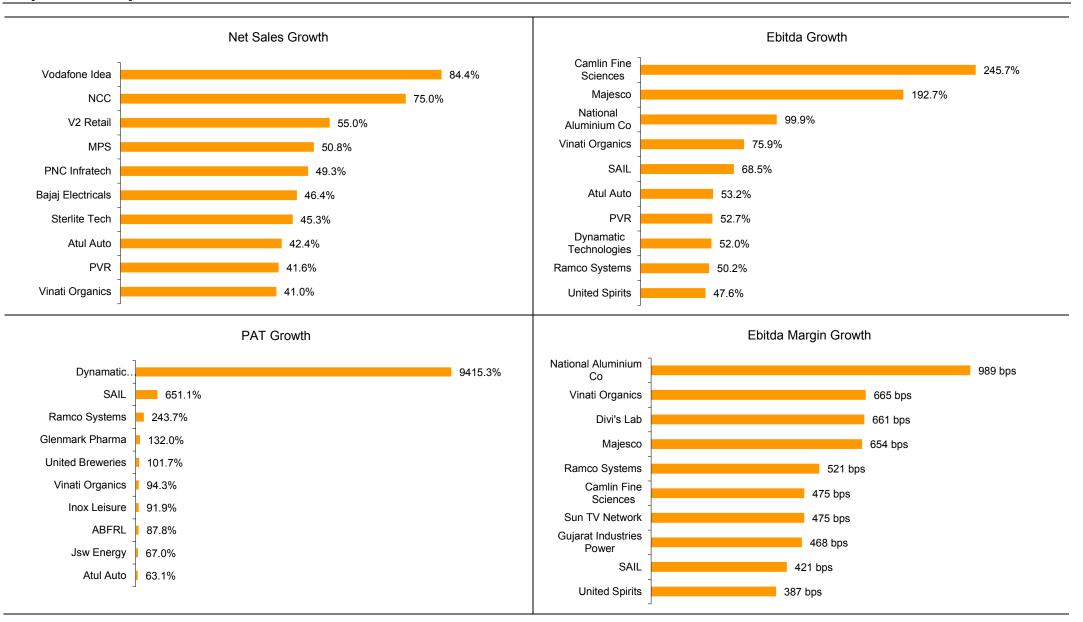
|                      | NetS   | Sales (Rs m | n)     | Growt | h (%) | Ebi    | tda (Rs m n | )      | Grow | th (%) | AP     | AT (Rsmn | )      | Growt | h (%) |        | EPS (Rs) |        | Growt | h (%) |
|----------------------|--------|-------------|--------|-------|-------|--------|-------------|--------|------|--------|--------|----------|--------|-------|-------|--------|----------|--------|-------|-------|
| Company Nam          | Q3FY19 | Q2FY19      | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19      | Q3FY18 | YoY  | QoQ    | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ   |
| Retail               |        |             |        |       |       |        |             |        |      |        |        |          |        |       |       |        |          |        |       |       |
| ABFRL                | 20936  | 20073       | 18550  | 13%   | 4%    | 1757   | 1428        | 1380   | 27%  | 23%    | 657    | 427      | 350    | 88%   | 54%   | 0.9    | 0.6      | 0.5    | 88%   | 54%   |
| Future Lifestyle     | 14585  | 13360       | 12256  | 19%   | 9%    | 1405   | 1224        | 1149   | 22%  | 15%    | 526    | 374      | 444    | 18%   | 41%   | 2.8    | 2.0      | 2.3    | 18%   | 41%   |
| Jubilant FoodWorks   | 9137   | 8814        | 7952   | 15%   | 4%    | 1571   | 1475        | 1369   | 15%  | 7%     | 833    | 777      | 660    | 26%   | 7%    | 12.6   | 11.8     | 10.0   | 26%   | 7%    |
| Page Industries      | 7044   | 6908        | 6210   | 13%   | 2%    | 1482   | 1428        | 1289   | 15%  | 4%     | 967    | 926      | 834    | 16%   | 4%    | 86.7   | 83.0     | 74.8   | 16%   | 4%    |
| Raymond              | 16898  | 18478       | 14842  | 14%   | -9%   | 1431   | 1864        | 1015   | 41%  | -23%   | 393    | 635      | 288    | 36%   | -38%  | 6.4    | 10.3     | 4.7    | 36%   | -38%  |
| Shoppers Stop        | 9921   | 8645        | 9632   | 3%    | 15%   | 854    | 540         | 794    | 8%   | 58%    | 396    | 132      | 330    | 20%   | 200%  | 4.5    | 1.5      | 4.0    | 14%   | 200%  |
| Titan Company        | 51834  | 44068       | 42248  | 23%   | 18%   | 5452   | 4671        | 4447   | 23%  | 17%    | 3745   | 3144     | 3082   | 22%   | 19%   | 4.2    | 3.5      | 3.5    | 22%   | 19%   |
| Speciality Chemicals |        |             |        |       |       |        |             |        |      |        |        |          |        |       |       |        |          |        |       |       |
| Advanced Enzyme Tech | 1153   | 1032        | 1082   | 7%    | 12%   | 470    | 421         | 452    | 4%   | 12%    | 275    | 247      | 252    | 9%    | 11%   | 2.5    | 2.2      | 2.3    | 9%    | 11%   |
| Apcotex Industries   | 1627   | 1601        | 1379   | 18%   | 2%    | 185    | 196         | 173    | 7%   | -6%    | 123    | 101      | 134    | -8%   | 22%   | 5.7    | 4.6      | 6.5    | -12%  | 22%   |
| BASF India           | 14680  | 16755       | 12787  | 15%   | -12%  | 734    | 681         | 679    | 8%   | 8%     | 149    | 93       | -9     |       | 60%   | 3.4    | 2.2      | -0.2   |       | 60%   |
| Camlin Fine Sciences | 2293   | 2013        | 2067   | 11%   | 14%   | 160    | 172         | 46     | 246% | -7%    | -36    | 13       | -50    |       |       | -0.3   | 0.1      | -0.4   |       |       |
| GHCL                 | 8095   | 8354        | 7179   | 13%   | -3%   | 1700   | 1752        | 1382   | 23%  | -3%    | 749    | 784      | 712    | 5%    | -4%   | 7.7    | 8.0      | 7.3    | 5%    | -4%   |
| Navin Fluorine       | 2320   | 2417        | 2215   | 5%    | -4%   | 506    | 503         | 524    | -3%  | 0%     | 336    | 342      | 477    | -30%  | -2%   | 6.8    | 6.9      | 9.7    | -30%  | -2%   |
| SRF                  | 17747  | 19154       | 13971  | 27%   | -7%   | 3173   | 3148        | 2527   | 26%  | 1%     | 1365   | 1512     | 1312   | 4%    | -10%  | 23.4   | 25.9     | 22.5   | 4%    | -10%  |
| Tata Chemicals       | 29110  | 29607       | 25739  | 13%   | -2%   | 5968   | 6020        | 5626   | 6%   | -1%    | 2775   | 3217     | 5584   | -50%  | -14%  | 10.9   | 12.6     | 21.9   | -50%  | -14%  |
| Vinati Organics      | 2618   | 2528        | 1857   | 41%   | 4%    | 877    | 952         | 498    | 76%  | -8%    | 617    | 650      | 317    | 94%   | -5%   | 12.0   | 12.7     | 6.2    | 94%   | -5%   |
| Telecommunications   |        |             |        |       |       |        |             |        |      |        |        |          |        |       |       |        |          |        |       |       |
| Bharti Airtel        | 205742 | 204225      | 203186 | 1%    | 1%    | 59353  | 62435       | 74688  | -21% | -5%    | -9196  | 1188     | 3057   |       |       | -2.3   | 0.3      | 0.8    |       |       |
| Bharti Infratel      | 35410  | 36683       | 36553  | -3%   | -3%   | 13200  | 14864       | 15982  | -17% | -11%   | 6163   | 6355     | 5854   | 5%    | -3%   | 3.3    | 3.4      | 3.2    | 5%    | -3%   |
| Vodafone Idea        | 120044 | 76635       | 65096  | 84%   | 57%   | 14086  | 4614        | 12234  | 15%  | 205%   | -58512 | -44080   | -12845 |       |       | -16.3  | -12.3    | -3.6   |       |       |
| Tata Communications  | 39682  | 40682       | 41146  | -4%   | -2%   | 6190   | 6302        | 6128   | 1%   | -2%    | 72     | 1        | 103    | -31%  | 8873% | 0.3    | 0.0      | 0.4    | -31%  | 8873% |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Ple Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

|                     | Net    | Sales (Rs m | n)     | Growt | :h (%) | Ebi    | tda (Rs mn | )      | Growt | h (%) | AP     | AT (Rsm.n | ı)     | Growt | h (%) |        | EPS (Rs) |        | Growt | :h (%) |
|---------------------|--------|-------------|--------|-------|--------|--------|------------|--------|-------|-------|--------|-----------|--------|-------|-------|--------|----------|--------|-------|--------|
| Company Nam         | Q3FY19 | Q2FY19      | Q3FY18 | YoY   | QoQ    | Q3FY19 | Q2FY19     | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19    | Q3FY18 | YoY   | QoQ   | Q3FY19 | Q2FY19   | Q3FY18 | YoY   | QoQ    |
| Others              |        |             |        |       |        |        |            |        |       |       |        |           |        |       |       |        |          |        |       |        |
| Apar Industries     | 18887  | 18879       | 15022  | 26%   | 0%     | 1247   | 1122       | 1009   | 24%   | 11%   | 377    | 286       | 395    | -5%   | 32%   | 9.8    | 7.4      | 10.3   | -5%   | 32%    |
| APL Apollo Tubes    | 13665  | 16905       | 13144  | 4%    | -19%   | 725    | 862        | 885    | -18%  | -16%  | 213    | 267       | 359    | -41%  | -20%  | 9.0    | 11.2     | 15.2   | -41%  | -20%   |
| Bajaj Electricals   | 16763  | 15984       | 11451  | 46%   | 5%     | 932    | 799        | 703    | 33%   | 17%   | 408    | 341       | 368    | 11%   | 20%   | 4.0    | 3.3      | 3.6    | 10%   | 20%    |
| Delta Corp          | 2082   | 2014        | 1622   | 28%   | 3%     | 807    | 762        | 687    | 17%   | 6%    | 504    | 481       | 447    | 13%   | 5%    | 1.9    | 1.8      | 1.7    | 13%   | 5%     |
| Essel Propack       | 6427   | 6835        | 5951   | 8%    | -6%    | 1227   | 1202       | 1143   | 7%    | 2%    | 481    | 493       | 450    | 7%    | -2%   | 3.1    | 3.1      | 2.9    | 7%    | -2%    |
| Grasim Industries   | 51054  | 51185       | 43838  | 16%   | 0%     | 9803   | 10705      | 8896   | 10%   | -8%   | 5508   | 8167      | 4739   | 16%   | -33%  | 8.4    | 12.4     | 7.2    | 16%   | -33%   |
| Havells India       | 22303  | 21910       | 19658  | 13%   | 2%     | 2777   | 2625       | 2622   | 6%    | 6%    | 1881   | 1786      | 1734   | 8%    | 5%    | 3.0    | 2.9      | 2.8    | 8%    | 5%     |
| Heritage Foods      | 5924   | 6194        | 5789   | 2%    | -4%    | 447    | 487        | 376    | 19%   | -8%   | 205    | 212       | 167    | 23%   | -3%   | 4.4    | 4.6      | 3.6    | 23%   | -3%    |
| Orient Refractories | 1815   | 1867        | 1578   | 15%   | -3%    | 303    | 314        | 331    | -8%   | -3%   | 219    | 224       | 220    | 0%    | -2%   | 1.8    | 1.9      | 1.8    | 0%    | -2%    |
| Parag Milk Foods    | 5851   | 5735        | 5193   | 13%   | 2%     | 615    | 581        | 588    | 5%    | 6%    | 273    | 304       | 255    | 7%    | -10%  | 3.3    | 3.6      | 3.0    | 7%    | -10%   |
| Prabhat Dairy       | 4411   | 4184        | 4039   | 9%    | 5%     | 406    | 393        | 375    | 8%    | 3%    | 131    | 124       | 148    | -11%  | 6%    | 1.3    | 1.3      | 1.5    | -11%  | 6%     |
| Radico Khaitan      | 5404   | 5176        | 4825   | 12%   | 4%     | 925    | 917        | 755    | 22%   | 1%    | 510    | 495       | 350    | 46%   | 3%    | 3.8    | 3.7      | 2.6    | 46%   | 3%     |
| Sheela Foam         | 6120   | 5355        | 5322   | 15%   | 14%    | 643    | 424        | 615    | 5%    | 52%   | 408    | 244       | 391    | 4%    | 67%   | 8.4    | 5.0      | 8.0    | 4%    | 67%    |
| Sterlite Tech       | 12135  | 10843       | 8352   | 45%   | 12%    | 2973   | 2733       | 2017   | 47%   | 9%    | 1428   | 1314      | 901    | 59%   | 9%    | 3.6    | 3.3      | 2.2    | 58%   | 9%     |
| Sterling Tools      | 1170   | 1394        | 1088   | 7%    | -16%   | 199    | 267        | 230    | -14%  | -26%  | 106    | 152       | 126    | -16%  | -30%  | 2.9    | 4.2      | 3.5    | -16%  | -30%   |
| Sunteck Realty      | 2450   | 1803        | 2015   | 22%   | 36%    | 931    | 780        | 884    | 5%    | 19%   | 595    | 509       | 557    | 7%    | 17%   | 4.2    | 3.6      | 4.0    | 7%    | 17%    |
| V2 Retail           | 2361   | 1557        | 1524   | 55%   | 52%    | 307    | -79        | 227    | 35%   |       | 210    | 22        | 137    | 54%   | 870%  | 8.9    | 0.9      | 5.8    | 54%   | 870%   |
| Varun Beverages     | 6336   | 11657       | 5274   | 20%   | -46%   | 257    | 2112       | 225    | 14%   | -88%  | -825   | 436       | -726   |       |       | -4.5   | 2.4      | -4.0   |       |        |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

### **Top-10 Companies**



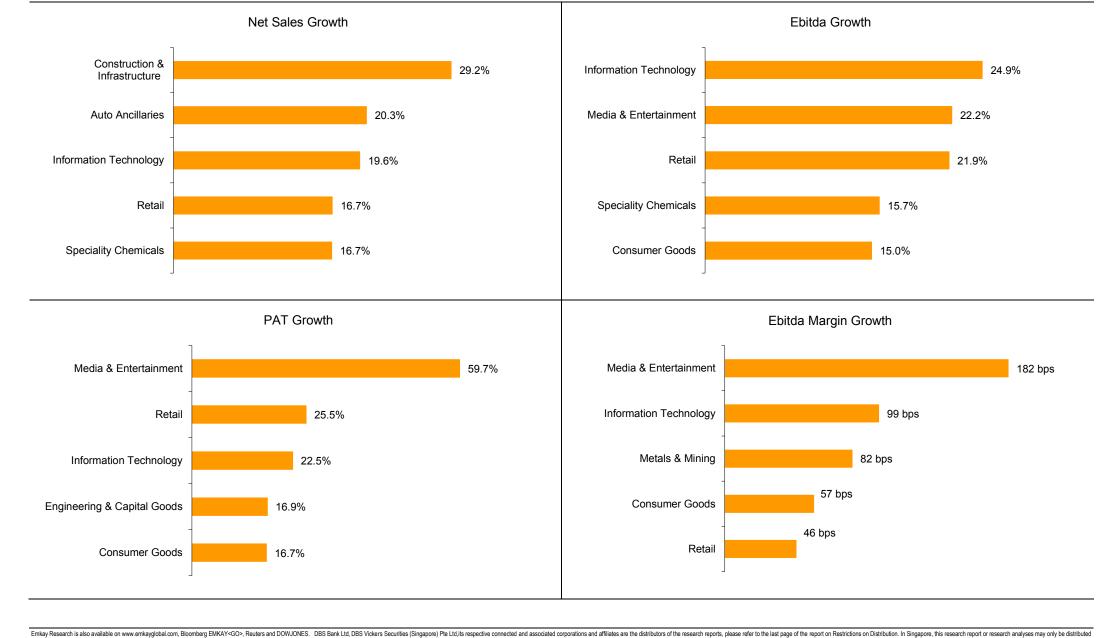
Emkay Research is also available on www.emkayglobal.com, Bioomberg EMKAY-GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

### **Bottom-10 Companies**

|  | Net Sales Growth   |   | Ebitda Growth   |
|--|--|---|---|
| GE T&D India .   | -13.0%   | Sanghi Industries   | -38.9%  |
| Suven Life Sciences  | -12.0%   | Ashok Leyland   | -32.0%  |
| Ashok Leyland  | -11.8%   | Jindal Stainless Hisar  | -31.8%  |
| Hindustan Zinc   | -10.1%   | India Cements   | -24.5%  |
| DCM Shriram  | -9.4%  | Skipper   | -24.5%  |
| Jindal Stainless Hisar   | -9.1%  | Star Cement   | -23.5%  |
| Vedanta  | -9.1%  | Suven Life Sciences   | -23.4%  |
| Deepak Fertilisers   | -9.0%  | Jindal Stainless  | -20.9%  |
| Sanghi Industries  | -6.6%  | Bharti Airtel   | -20.5%  |
| Cadila Healthcare  | -5.0%  | Chambal Fertilisers   | -19.6%  |
|  |  |   |   |
|  | PAT Growth   |   | Ebitda Margin Growth  |
| Sanghi Industries  | -77.4%   | Star Cement -1,2  | -<br>-  |
| Sanghi Industries<br>Deepak Fertilisers  | ٦  | Star Cement -1,2<br>MOIL  | -<br>-  |
| -  | -77.4%   |   | 264 bps   |
| Deepak Fertilisers   | -77.4%<br>-64.3%   | MOIL  | 264 bps<br>-1,044 bps   |
| Deepak Fertilisers<br>KNR Construction   | -77.4%<br>-64.3%<br>-50.6%   | MOIL<br>MPS   | 264 bps<br>-1,044 bps<br>-927 bps   |
| Deepak Fertilisers<br>KNR Construction<br>Tata Chemicals   | -77.4%<br>-64.3%<br>-50.6%<br>-50.3%   | MOIL<br>MPS<br>Bharti Airtel  | 264 bps<br>-1,044 bps<br>-927 bps<br>-791 bps   |
| Deepak Fertilisers<br>KNR Construction<br>Tata Chemicals<br>Shree Cements  | -77.4%<br>-64.3%<br>-50.6%<br>-50.3%<br>-49.8%   | MOIL<br>MPS<br>Bharti Airtel<br>Sanghi Industries   | 264 bps<br>-1,044 bps<br>-927 bps<br>-791 bps<br>-764 bps                                     |
| Deepak Fertilisers<br>KNR Construction<br>Tata Chemicals<br>Shree Cements<br>PNC Infratech   | -77.4%<br>-64.3%<br>-50.6%<br>-50.3%<br>-49.8%<br>-49.8%<br>-48.7%                     | MOIL<br>MPS<br>Bharti Airtel<br>Sanghi Industries<br>Vodafone Idea                                      | 264 bps<br>-1,044 bps<br>-927 bps<br>-791 bps<br>-764 bps<br>-706 bps                         |
| Deepak Fertilisers<br>KNR Construction<br>Tata Chemicals<br>Shree Cements<br>PNC Infratech<br>Jindal Stainless                           | -77.4%<br>-64.3%<br>-50.6%<br>-50.3%<br>-49.8%<br>-49.8%<br>-48.7%<br>-43.8%           | MOIL<br>MPS<br>Bharti Airtel<br>Sanghi Industries<br>Vodafone Idea<br>Bharti Infratel                   | 264 bps<br>-1,044 bps<br>-927 bps<br>-791 bps<br>-764 bps<br>-706 bps<br>-645 bps             |
| Deepak Fertilisers<br>KNR Construction<br>Tata Chemicals<br>Shree Cements<br>PNC Infratech<br>Jindal Stainless<br>Jindal Stainless Hisar | -77.4%<br>-64.3%<br>-50.6%<br>-50.3%<br>-49.8%<br>-49.8%<br>-48.7%<br>-43.8%<br>-43.5% | MOIL<br>MPS<br>Bharti Airtel<br>Sanghi Industries<br>Vodafone Idea<br>Bharti Infratel<br>Sunteck Realty | 264 bps<br>-1,044 bps<br>-927 bps<br>-791 bps<br>-764 bps<br>-706 bps<br>-645 bps<br>-586 bps |

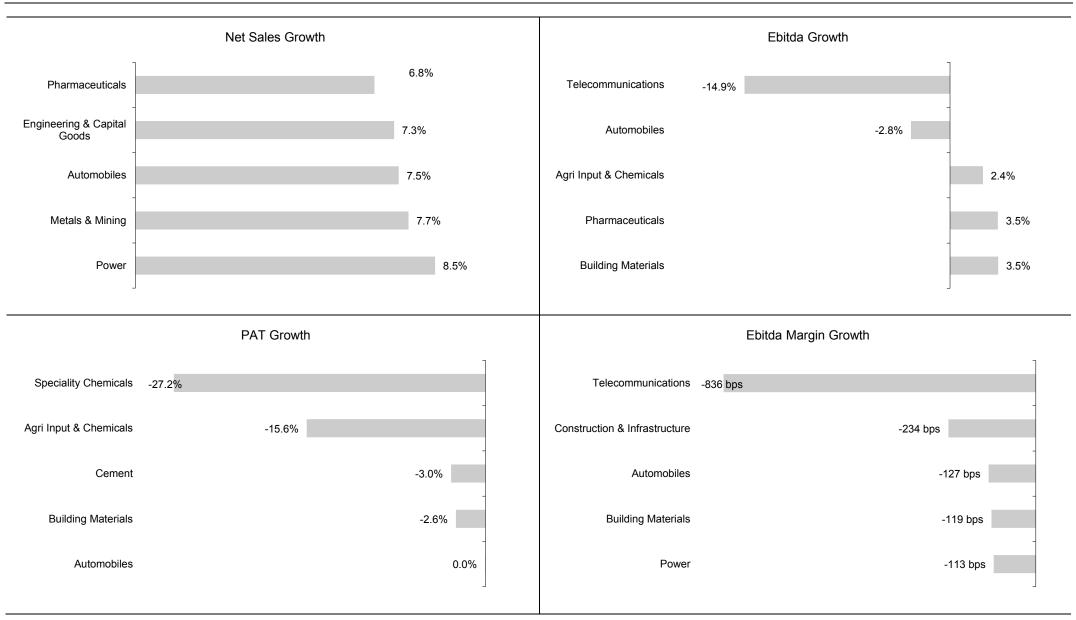
Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore



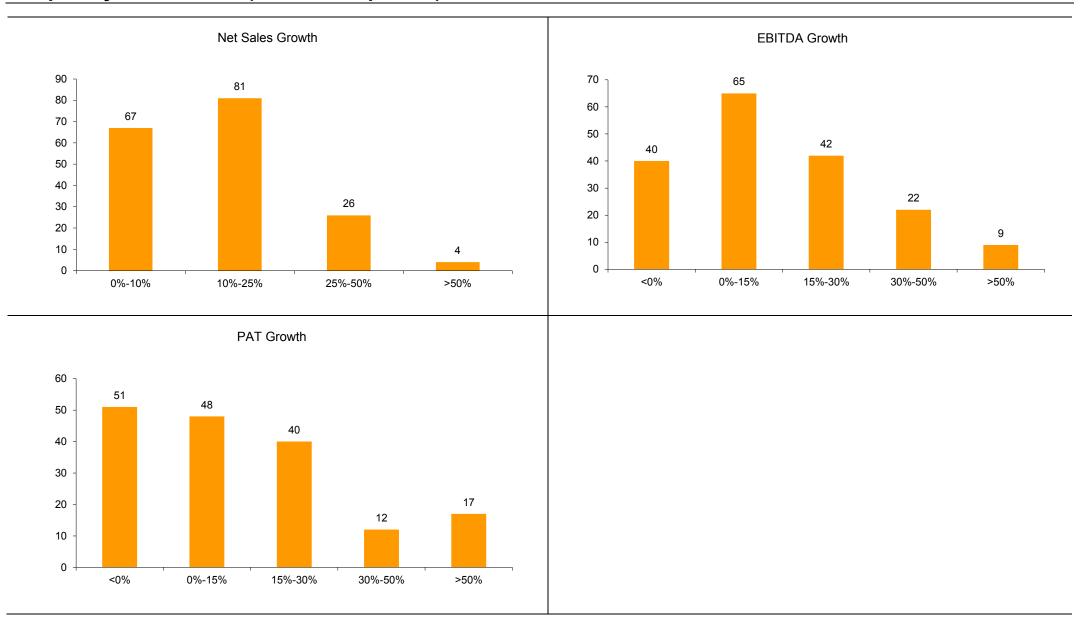
### **Top-5 Sectors**

### **Bottom-5 Sectors**



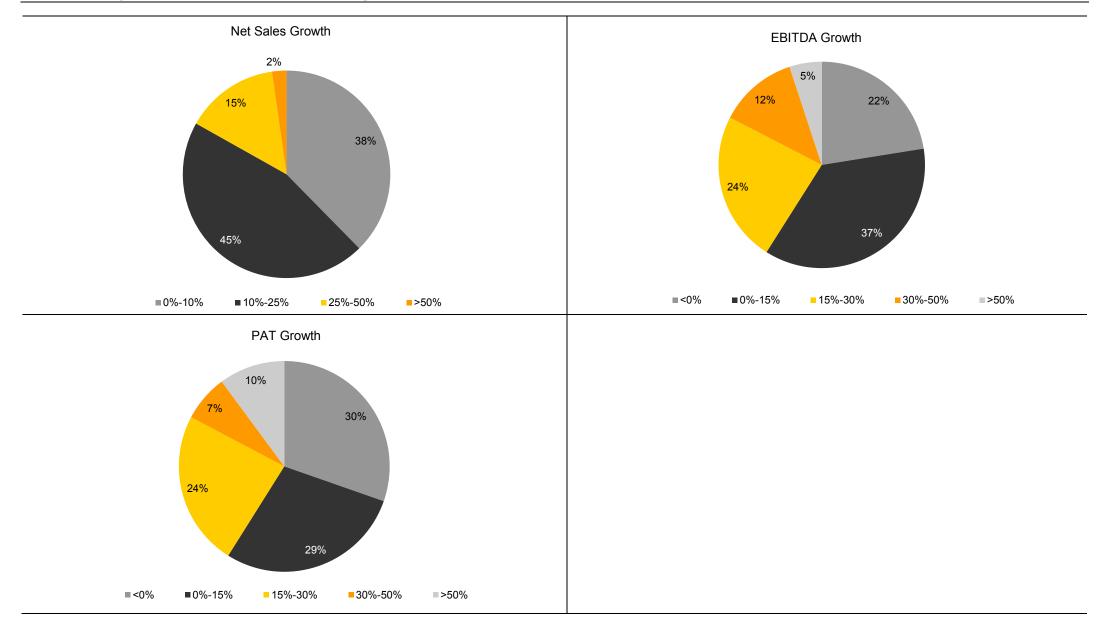
Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd,its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

### **Frequency Distribution (No. of Companies)**



Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd,its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

### **Frequency Distribution (Percentage)**



Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd,its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

# **Sectoral Analysis of Q3FY19E Results**

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY <GO>, Reuters and DOWJONES. DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

#### **Agri Input - Agrochemicals**

- Companies in our coverage universe are expected to report moderate performance in this quarter, primarily due to lower-than-expected rainfall in key producing states, rising cost pressure from China, and depreciating rupee.
- India's cumulative rainfall during the post monsoon season from October 1, 2018 to December 26, 2018, has been 43% lower than LPA. Rainfall in four broad geographical divisions of the country during the period have been lower than LPA by 51% each in Central, East and North East India, 39% in North West India and 36% in South.
- Rabi crop acreage remained muted as on January 04, 2019, down 3.5% yoy. This was primarily due to lower-than-expected rainfall in key producing states. Paddy sowing is down by a quarter (25%) yoy, while sowing for pulses, coarse cereals, and oilseeds remained down by 6.4% yoy, 17.3% yoy and 1.5% yoy, respectively. Wheat sowing remained flat.
- Incidence of fall army worm in maize and jowar in some parts of Tamil Nadu and Maharashtra has been reported above the Economic Threshold Limit (ETL), while incidence of spodoptera litura on groundnuts has been reported in Odisha. Overall, pest infestations have been moderate this year. These factors have affected the consumption of agrochemicals during the quarter under review.
- Our interaction with management and channel partners suggest that raw material prices will continue to remain at these levels. This would adversely impact EBITDA margins in Q3FY19. However, integrated players should see stability in margins.
- Aggregate revenues of domestic companies are likely to increase by 12% yoy, primarily driven by exports for companies like Rallis India, PI Industries, UPL Ltd. Companies exclusively with domestic presence are likely to report flat to negative revenue growth due to adverse weather conditions coupled with lower pest infestations. Aggregate EBITDA is expected to grow 16% yoy, while EBITDA margin is likely to remain flat (down 50bps) due to increasing cost pressure from China and falling rupee.
- PI Industries and UPL remain our top picks due to their superior product mix, healthy product placements, a high degree of backward integration, and resilient business models.

Enkay Research is also available on www.enkayglobal.com, Bloomberg EMKAY <GO>, Reuters and DOWJONES. DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

| Name               |        |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ  | Comments  |
|--------------------|--------|-------------------|---------|--------|--------|--------------|---------------|---|
| Bayer Cropscience  |        |                   |         |        |        |              |               |   |
| CMP(Rs)            | 4,243  | Net Sales (Rs mn) | 5,133   | 11,041 | 4,797  | 7.0%         | -53.5%        | We expect moderate revenue growth of 7% yoy on account of lower offtake due to the late start to sowing season along with |
| Mkt Cap (Rs bn)    | 146    | EBITDA (Rs mn)    | 252     | 2,186  | 226    | 11.6%        | -88.5%        | uneven rainfall distribution. We bake in a 4.9% EBITDA margin, up 20bps due to changes in product mix of high-value       |
| Reco               | Reduce | EBITDA Margin (%) | 4.9     | 19.8   | 4.7    | 20 bps       | -1,488<br>bps | products. We estimate PAT to be at Rs74mn vs. Rs107mn in Q3FY18.  |
| Target Price (Rs)  | 3,743  | PAT (Rs mn)       | 74      | 1,427  | 107    | -30.7%       | -94.8%        |   |
| % Upside           | -12%   | EPS (Rs)          | 2.2     | 41.6   | 3.1    | -30.7%       | -94.8%        |   |
| Dhanuka Agritech   |        |                   |         |        |        |              |               |   |
| CMP(Rs)            | 411    | Net Sales (Rs mn) | 2,333   | 3,834  | 2,215  | 5.3%         | -39.1%        | We estimate 5.3% yoy revenue growth as we anticipate moderate sales across segments. Sales of cover, sempra and           |
| Mkt Cap (Rs bn)    | 20     | EBITDA (Rs mn)    | 352     | 756    | 353    | -0.3%        | -53.5%        | sakura are expected to remain steady. The EBITDA margin is expected to decline by 85bps to 15.1% due to increasing cost   |
| Reco               | Buy    | EBITDA Margin (%) | 15.1    | 19.7   | 15.9   | -85 bps      | -464 bps      | pressure and depreciation of rupee. We expect PAT to remain flat (down 1.2% yoy).   |
| Target Price (Rs)  | 554    | PAT (Rs mn)       | 282     | 550    | 286    | -1.2%        | -48.8%        | nat (down 1.2 % yoy).   |
| % Upside           | 35%    | EPS (Rs)          | 5.7     | 11.2   | 5.8    | -1.2%        | -48.8%        |   |
| Insecticides India |        |                   |         |        |        |              |               |   |
| CMP(Rs)            | 585    | Net Sales (Rs mn) | 1,755   | 4,583  | 1,759  | -0.3%        | -61.7%        | IIL is likely to post flat revenue growth in the quarter. We  |
| Mkt Cap (Rs bn)    | 12     | EBITDA (Rs mn)    | 250     | 692    | 230    | 8.6%         | -63.9%        | expect decent growth of 10% in the Formulations business while we expect 30% growth in the technical business. We         |
| Reco               | Buy    | EBITDA Margin (%) | 14.2    | 15.1   | 13.1   | 116 bps      | -88 bps       | expect a margin improvement of 116bps yoy to 14.2%, resulting in 9% yoy growth in EBITDA. PAT growth is                   |
| Target Price (Rs)  | 670    | PAT (Rs mn)       | 116     | 430    | 96     | 20.7%        | -72.9%        | estimated at 21% yoy.   |
| % Upside           | 15%    | EPS (Rs)          | 5.6     | 20.8   | 4.7    | 20.7%        | -72.9%        |   |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| PI Industries     |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 851        | Net Sales (Rs mn) | 6,257   | 7,230  | 5,377  | 16.4%        | -13.5%       | We estimate 16% yoy revenue growth, primarily driven by the  |
| Mkt Cap (Rs bn)   | 117        | EBITDA (Rs mn)    | 1,143   | 1,346  | 1,048  | 9.1%         | -15.1%       |  |
| Reco              | Buy        | EBITDA Margin (%) | 18.3    | 18.6   | 19.5   | -122 bps     | -35 bps      | business on lower sowing of paddy (down 25% yoy) in the ongoing rabi season. Margin is expected to contract 122bps to      |
| Target Price (Rs) | 920        | PAT (Rs mn)       | 803     | 944    | 806    | -0.5%        | -15.0%       | 18.3%, primarily lower formulations sales. APAT (adjusted for forex impact) is estimated at Rs804mn, flat yoy. At US\$1bn, |
| % Upside          | 8%         | EPS (Rs)          | 5.8     | 6.8    | 5.8    | -0.5%        | -15.0%       | the order book position is likely to remain at the similar level as in Q3FY19.   |
| Rallis            |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 170        | Net Sales (Rs mn) | 4,389   | 6,538  | 3,902  | 12.5%        | -32.9%       | The company is expected to report 11% yoy growth in its standalone business on the back of a better performance in         |
| Mkt Cap (Rs bn)   | 33         | EBITDA (Rs mn)    | 488     | 1,234  | 378    | 29.1%        | -60.5%       | the exports segment, driven by the US and Europe. Metahelix  |
| Reco              | Buy        | EBITDA Margin (%) | 11.1    | 18.9   | 9.7    | 143 bps      | -776 bps     | 5 5 5  |
| Target Price (Rs) | 255        | PAT (Rs mn)       | 269     | 852    | 251    | 7.4%         | -68.4%       | revenue is expected to grow by 13% yoy, thanks to a better performance of its standalone and Metahelix business. Margin    |
| % Upside          | 50%        | EPS (Rs)          | 1.4     | 4.4    | 1.3    | 7.4%         | -68.4%       | is expected to grow by 143bps, resulting in 29.1% yoy growth in EBITDA and 7.4% yoy growth in PAT.                         |
| Sharda Cropchem   |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 300        | Net Sales (Rs mn) | 3,743   | 3,097  | 3,255  | 15.0%        | 20.8%        |  |
| Mkt Cap (Rs bn)   | 27         | EBITDA (Rs mn)    | 318     | 347    | 357    | -10.8%       | -8.4%        | yoy growth in the agrochemicals and non-agrochemicals businesses, respectively. Margin is expected to remain under         |
| Reco              | Accumulate | EBITDA Margin (%) | 8.5     | 11.2   | 11.0   | -246 bps     | -271 bps     | pressure at 8.5% due to higher chemical prices in China in the wake of a shutdown of many facilities. We estimate PAT to   |
| Target Price (Rs) | 354        | PAT (Rs mn)       | 73      | 162    | 99     | -26.2%       | -54.8%       | decline 26% yoy. New registrations to be the key driver of revenue growth.   |
| % Upside          | 18%        | EPS (Rs)          | 0.8     | 1.8    | 1.1    | -26.2%       | -54.8%       | -  |

| Name              |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-----|-------------------|---------|--------|--------|--------------|--------------|--|
| UPL               |     |                   |         |        |        |              |              |  |
| CMP(Rs)           | 752 | Net Sales (Rs mn) | 47,518  | 42,570 | 41,940 | 13.3%        | 11.6%        | · · · · · · · · · · · · · · · · · · ·  |
| Mkt Cap (Rs bn)   | 383 | EBITDA (Rs mn)    | 9,789   | 8,390  | 8,290  | 18.1%        | 16.7%        | growth. We estimate LatAm revenues to grow 22% yoy, primarily due to lower channel inventory in the system. Europe       |
| Reco              | Buy | EBITDA Margin (%) | 20.6    | 19.7   | 19.8   | 83 bps       | 89 bps       | and North America are expected to register revenue growth of 6% yoy each. Revenues from rest of the world is expected to |
| Target Price (Rs) | 725 | PAT (Rs mn)       | 5,945   | 3,930  | 6,940  | -14.3%       | 51.3%        | rise 8.5% yoy. We estimate overall revenues to grow 13.3% yoy, primarily driven by better volume growth in LatAm. We     |
| % Upside          | -4% | EPS (Rs)          | 23.5    | 15.5   | 27.4   | -14.3%       | 51.3%        | estimate 18% yoy EBITDA growth, with an 83bps expansion in the EBITDA margin to 20.6%.                                   |

### Agri Input – Fertilizer and Chemicals

- Following a decent offtake in H1FY19, adverse weather conditions have dampened growth of fertilizers in Q3FY19. Industry-wide sales of complex fertilizers are likely to decline by 13% yoy in the three-month period, given a sharp decline in sales of indigenous fertilizers (NPK -10% yoy and DAP -50% yoy). Urea sales is down by 8% yoy. For YTD FY19, industry-wide sales of complexes rose by 6% yoy, driven by 79% and 12% growth in imported and indigenous NPK, respectively, while the urea sales remained flat yoy.
- We expect Coromandel International to report subdued performance, with a decrease of 17.5% yoy in manufactured volumes to 0.5mn MT. Trading volumes are expected to fall by 7% yoy.
- GSFC should post a decent growth of 38%+ yoy in the fertilizer volumes, led by 36% yoy growth in complexes and 41% yoy increase in urea volumes. Deepak Fertilisers is likely to report a volume decline in own manufactured NPK fertilizers of 29% yoy, while traded fertilizer volume is expected to increase sharply by 400% yoy. Chambal is expected to post 3% yoy growth in urea volume, while traded fertilizer volume is expected to drop by 11% yoy. DCM Shriram is expected to post moderate results, primarily due to weak realizations in the chlor vinyl business as well as in the sugar segment (partially offset by a better profitability in the distillery segment), which is likely to dampen growth in Q3FY19.
- Globally, prices of key fertilizers such as urea and DAP continue to be on an uptrend, while MOP prices have stabilized over the last one quarter. Prices of key raw materials such as phosphoric acid, ammonia and natural gas have also started to stabilize. However, increase in subsidies for phosphorous (P) and sulphur (S) by 27% and 20%, respectively, and about 10% price hike taken by companies should continue to support margins in FY19. However, subsidy on potash (K) has been cut by 10%, while subsidy on nitrogen (N) has been kept unchanged.
- Complex fertilizer realizations remained stable on account of good demand as a result of companies offering lower discounts as compared to last year. Aggregate revenues of fertilizer companies are expected to increase by 6% yoy, while the EBITDA margin is likely to decline by 180bps yoy due to rising cost pressure coupled with crude and rupee volatility. Consequently, EBITDA is expected to fall by 9% yoy.
- We remain optimistic on companies that are backward integrated in phosphoric acid and enjoy a higher revenue share from NPK fertilizers. This comes as they enjoy brand equity and less competition compared with DAP/MOP. Our preferred stock picks are Coromandel Int'l and GSFC.

## Agri Input – Fertilizer and Chemicals

| Name                  |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-----------------------|------|-------------------|---------|--------|--------|--------------|--------------|--|
| Chambal Fertilisers   |      |                   |         |        |        |              |              |  |
| CMP(Rs)               | 157  | Net Sales (Rs mn) | 26,025  | 24,861 | 23,301 | 11.7%        | 4.7%         | Chambal Fertilisers is expected to clock 3% yoy growth in urea   |
| Mkt Cap (Rs bn)       | 65   | EBITDA (Rs mn)    | 2,130   | 2,072  | 2,650  | -19.6%       | 2.8%         | volumes to 0.59mn MT as the company recently commercialized the Gadepan 3 plant. Trading volumes should                  |
| Reco                  | Buy  | EBITDA Margin (%) | 8.2     | 8.3    | 11.4   | -319 bps     | -15 bps      | drop by 11% yoy to 0.36mn MT. We estimate revenue to grow 11.7% yoy to Rs26 bn, whereas, EBITDA is expected to slump     |
| Target Price (Rs)     | 197  | PAT (Rs mn)       | 1,108   | 1,450  | 1,512  | -26.7%       | -23.6%       | by 19.6% yoy to Rs2.1bn. EBITDA margin is expected at 8.2%, a drop of +300bps. PAT is expected to decline by 26.7%       |
| % Upside              | 26%  | EPS (Rs)          | 2.7     | 3.5    | 3.6    | -26.7%       | -23.6%       | уоу.   |
| Coromandel Internatio | onal |                   |         |        |        |              |              |  |
| CMP(Rs)               | 453  | Net Sales (Rs mn) | 28,608  | 50,083 | 26,949 | 6.2%         | -42.9%       | CRIN is expected to report subdued performance, with a decrease of 17.5% yoy in manufactured volumes to 0.5mn MT.        |
| Mkt Cap (Rs bn)       | 133  | EBITDA (Rs mn)    | 3,343   | 6,663  | 3,184  | 5.0%         | -49.8%       | Trading volumes are expected to fall by 7% yoy. However, realizations will remain healthy due to the recent price hikes, |
| Reco                  | Buy  | EBITDA Margin (%) | 11.7    | 13.3   | 11.8   | -13 bps      | -162 bps     | good demand and less discounts. We expect revenue growth of 6.2% yoy. Non-fertilizer revenue is expected to increase by  |
| Target Price (Rs)     | 569  | PAT (Rs mn)       | 1,794   | 3,853  | 1,722  | 4.2%         | -53.4%       | 10% yoy. EBITDA margin is expected to remain flat at 11.7%,  |
| % Upside              | 26%  | EPS (Rs)          | 6.2     | 13.2   | 5.9    | 4.2%         | -53.4%       | primarily due to higher RM costs. PAT is likely to grow by 4.2% yoy.   |
| Deepak Fertilisers    |      |                   |         |        |        |              |              |  |
| CMP(Rs)               | 144  | Net Sales (Rs mn) | 14,970  | 17,687 | 16,449 | -9.0%        | -15.4%       | The volume of own manufactured fertilizer is expected to   |
| Mkt Cap (Rs bn)       | 13   | EBITDA (Rs mn)    | 1,295   | 1,151  | 1,490  | -13.1%       | 12.6%        | decline by 29% yoy to 0.1mn MT, while traded fertilizer volumes should jump by 400% to 0.04mn MT. Fertilizer             |
| Reco                  | Buy  | EBITDA Margin (%) | 8.7     | 6.5    | 9.1    | -41 bps      | 215 bps      | revenue is expected to grow by 10% yoy along with a margin of 5%. Chemical revenue is expected to decline by 14% yoy     |
| Target Price (Rs)     | 371  | PAT (Rs mn)       | 228     | 246    | 638    | -64.3%       | -7.5%        | while its margin will come in at 10%. PAT is expected to drop by 57% yoy to Rs228mn on higher interest costs.            |
| % Upside              | 158% | EPS (Rs)          | 2.6     | 2.8    | 7.2    | -64.3%       | -7.5%        | · · · · ·  |

| Name              |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|-----|-------------------|---------|--------|--------|--------------|--------------|---|
| DCM Shriram Ltd   |     |                   |         |        |        |              |              |   |
| CMP(Rs)           | 354 | Net Sales (Rs mn) | 16,162  | 17,001 | 17,837 | -9.4%        | -4.9%        | Weak realizations in chlor vinyl and sugar segments are likely<br>to dampen growth in the quarter. However, the distillery        |
| Mkt Cap (Rs bn)   | 57  | EBITDA (Rs mn)    | 2,664   | 2,963  | 3,299  | -19.2%       | -10.1%       | segment would support the overall performance in sugar. We expect a 36% yoy decline in the chemicals segment EBIT,                |
| Reco              | Buy | EBITDA Margin (%) | 16.5    | 17.4   | 18.5   | -201 bps     | -94 bps      | while the profitability of sugar business is expected to increase<br>by more than half (56% yoy) due to better distillery segment |
| Target Price (Rs) | 468 | PAT (Rs mn)       | 1,454   | 1,677  | 2,129  | -31.7%       | -13.3%       | performance. EBITDA is expected to fall by 19% yoy. PAT is  |
| % Upside          | 32% | EPS (Rs)          | 8.9     | 10.3   | 13.0   | -31.7%       | -13.3%       | expected to decrease by 31.7% yoy at Rs1.4bn.   |
| GSFC              |     |                   |         |        |        |              |              | We expect 38% yoy growth in fertilizer volumes, driven by 41%   |
| CMP(Rs)           | 113 | Net Sales (Rs mn) | 20,549  | 26,719 | 15,375 | 33.7%        | -23.1%       | yoy growth in urea. Volume of complexes is expected to grow<br>by 36% yoy. Due to a better volume offtake, fertilizer             |
| Mkt Cap (Rs bn)   | 45  | EBITDA (Rs mn)    | 1,645   | 3,182  | 1,615  | 1.9%         | -48.3%       | segment's revenue is expected to rise by 52% yoy. However, margins are likely to be under pressure due to rising input            |
| Reco              | Buy | EBITDA Margin (%) | 8.0     | 11.9   | 10.5   | -250 bps     | -390 bps     | costs and depreciating rupee. Caprolactam – Benzene spread is at USD1,100/MT (flat yoy). Revenues from the chemicals              |
| Target Price (Rs) | 136 | PAT (Rs mn)       | 1,002   | 2,243  | 997    | 0.5%         | -55.3%       | segment is expected to decline by 9% yoy due to volatile crude<br>and currency, with a margin contraction of ~450bps yoy to       |
| % Upside          | 21% | EPS (Rs)          | 2.5     | 5.6    | 2.5    | 0.5%         | -55.3%       | 10.5% Consequently, we expect EBITDA/PAT to grow  |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

- Mixed trends in revenue growth: Aggregate revenue growth is expected at 9% yoy, which is a below average growth (17%) in the past four quarters. This is attributed to a fall in the MHCV segment and lower growth in other segments. Companies that are expected to record subdued revenue performance include Ashok Leyland (-12% yoy), Eicher Motors (-1%), Maruti Suzuki (2%) and Hero MotoCorp (5%), while companies likely to register strong growth are Escorts (36%), Motherson Sumi (23%), TVS Motors (22%), Apollo Tyres (17%) and Bajaj Auto (16%).
- EBITDA margin to contract due to lower scale and higher input costs: Aggregate EBITDA margin (excluding Tata Motors) is likely to contract by -110bps qoq on the back of negative operating leverage, commodity inflation and increase in incentives/discounts. Commodity price movements (in comparison with prices at the beginning of Q3FY19) in rupee terms were adverse sequentially, with increases in steel (2% qoq) and crude oil (10%) prices. The INR's depreciation against the USD, EUR and the GBP is expected to have a positive effect on companies with large overseas exposure such as Tata Motors, Motherson Sumi, and Bajaj Auto. Negatively affected importers include Maruti Suzuki, Exide Industries, Amara Raja Batteries, Apollo Tyres, and Hero MotoCorp. Companies such as Ashok Leyland (-210bps qoq), Maruti Suzuki (-180bps), Hero MotoCorp (-130bps), TVS Motors (-110bps) and Eicher Motors (-100bps) are likely to see notable margin contractions, while Amara Raja (+180bps), Tata Motors (+130bps), Escorts (+130bps) and Exide (+130bps) should see an improvement in margins. Aggregate earnings (excluding Tata Motors) are expected to decline 1% yoy owing to lower operating margins.
- Outlook: Although our channel checks indicate that rising ownership cost, deferred purchases during elections, and NBFCs' selective financing constrained volume performances across the automotive segments in Q3FY19, we expect the PV and 2W segments to see a gradual improvement in volumes in the coming months. We expect double-digit volume growth in both PVs and 2Ws in FY20, driven by new products, volume pick-up in the state of Kerala, softening fuel prices, and the continuing uptrend in rural sales. Our top picks, among the OEMs, are Maruti Suzuki and Mahindra & Mahindra, while in ancillaries we prefer Motherson Sumi and Apollo Tyres.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|---|
| Ashok Leyland     |            | (Standalone)      |         |        |        |              |              |   |
| CMP(Rs)           | 93         | Net Sales (Rs mn) | 62,960  | 76,080 | 71,412 | -11.8%       | -17.2%       | We expect standalone revenues to decrease by 12% yoy (-   |
| Mkt Cap (Rs bn)   | 273        | EBITDA (Rs mn)    | 5,362   | 8,059  | 7,884  | -32.0%       | -33.5%       | 17% qoq) to Rs63bn, led by 6% yoy (-16% qoq) fall in volumes and 6% yoy (-2% qoq) dip in realizations. Realizations are   |
| Reco              | Hold       | EBITDA Margin (%) | 8.5     | 10.6   | 11.0   | -252 bps     | -208 bps     | expected to decrease sequentially due to adverse mix (lower share of HCVs) and higher discounts. EBITDA margin should   |
| Target Price (Rs) | 113        | PAT (Rs mn)       | 2,938   | 4,755  | 4,499  | -34.7%       | -38.2%       | contract by 210bps qoq (-250bps yoy) to 8.5% led by lower scale, increase in input costs and discounts. Overall, adjusted   |
| % Upside          | 22%        | EPS (Rs)          | 1.0     | 1.6    | 1.5    | -34.7%       | -38.0%       | PAT is expected to fall by 35% yoy (-38% qoq) to Rs2.9bn.   |
| Bajaj Auto        |            | (Standalone)      |         |        |        |              |              | We expect standalone revenues to rise by 16% yoy (-8% qoq)  |
| CMP(Rs)           | 2,695      | Net Sales (Rs mn) | 73,916  | 79,868 | 63,693 | 16.1%        | -7.5%        | to Rs73.9bn on 26% yoy (-6% qoq) growth in volumes.<br>Realizations are expected to fall by 2% qoq on account of  |
| Mkt Cap (Rs bn)   | 780        | EBITDA (Rs mn)    | 12,097  | 13,430 | 12,315 | -1.8%        | -9.9%        | lower share of three wheelers and adverse mix within motorcycles. EBITDA margin should contract by 50bps qoq (-   |
| Reco              | Accumulate | EBITDA Margin (%) | 16.4    | 16.8   | 19.3   | -297 bps     | -45 bps      | 300bps yoy) to 16.4%, despite currency depreciation benefits owing to negative operating leverage, higher input costs,  |
| Target Price (Rs) | 2,910      | PAT (Rs mn)       | 10,765  | 11,525 | 9,524  | 13.0%        | -6.6%        | adverse product mix and increase in incentives/discounts.<br>Overall, adjusted PAT is expected to grew by 13% yoy (-7%  |
| % Upside          | 8%         | EPS (Rs)          | 37.2    | 39.8   | 32.9   | 13.0%        | -6.6%        | qoq) at Rs10.8bn, supported by higher other income.   |
| Eicher Motors     |            | (Consolidated)    |         |        |        |              |              | We expect consolidated revenues to fall marginally by 1% yoy  |
| CMP(Rs)           | 20,045     | Net Sales (Rs mn) | 22,499  | 24,082 | 22,690 | -0.8%        | -6.6%        | (-7% qoq) to Rs22.5bn. This would be led by a 6% yoy (-7% qoq) fall in the motorcycle volumes. Realizations are expected to increase by 1% qoq, thanks to the commencement of sale of 650cc twins and a growing adoption of rear disc brakes in |
| Mkt Cap (Rs bn)   | 547        | EBITDA (Rs mn)    | 6,589   | 7,293  | 7,072  | -6.8%        | -9.6%        |   |
| Reco              | Buy        | EBITDA Margin (%) | 29.3    | 30.3   | 31.2   | -188 bps     | -100 bps     | its product portfolio. EBITDA margin would contract by 100bps qoq (-190bps yoy) to 29.3% due to lower scale and increase  |
| Target Price (Rs) | 27,700     | PAT (Rs mn)       | 5,090   | 5,663  | 5,309  | -4.1%        | -10.1%       | in input costs. Overall, adjusted PAT is likely to decline by 4% yoy (-10% qoq) to Rs5.1bn. Share of profits from associates  |
| % Upside          | 38%        | EPS (Rs)          | 186.5   | 207.5  | 194.5  | -4.1%        | -10.1%       | to slump by 17% yoy (-23% qoq) to Rs0.6bn.  |

| Name              |       |                   | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-------|-------------------|---------|---------|---------|--------------|--------------|--|
| Hero MotoCorp     |       | (Standalone)      |         |         |         |              |              |  |
| CMP(Rs)           | 2,970 | Net Sales (Rs mn) | 76,498  | 90,909  | 73,142  | 4.6%         | -15.9%       | We expect standalone revenues to rise by 5% yoy (-16% qoq)   |
| Mkt Cap (Rs bn)   | 593   | EBITDA (Rs mn)    | 10,579  | 13,787  | 11,580  | -8.6%        | -23.3%       | to Rs76.5bn on account of 5% yoy (-16% qoq) growth in volumes. EBITDA margin should contract by 130bps qoq (-        |
| Reco              | Hold  | EBITDA Margin (%) | 13.8    | 15.2    | 15.8    | -200 bps     | -134 bps     | 200bps yoy) to 13.8%, due to commodity inflation, adverse currency, higher incentives/discounts and a lower scale.   |
| Target Price (Rs) | 3,350 | PAT (Rs mn)       | 7,715   | 9,763   | 8,054   | -4.2%        | -21.0%       | Overall, adjusted PAT is likely to decrease by 4% yoy (-21% qoq) to Rs7.8bn.   |
| % Upside          | 13%   | EPS (Rs)          | 38.6    | 48.9    | 40.3    | -4.2%        | -21.0%       |  |
| M&M + MVML        |       | (Standalone+MVML) |         |         |         |              |              |  |
| CMP(Rs)           | 723   | Net Sales (Rs mn) | 129,605 | 127,902 | 114,915 | 12.8%        | 1.3%         | We expect standalone (including Mahindra Vehicle   |
| Mkt Cap (Rs bn)   | 899   | EBITDA (Rs mn)    | 18,015  | 18,493  | 16,926  | 6.4%         | -2.6%        | Manufacturers) revenues to grow by 13% yoy (+1% qoq) to Rs129.6bn.This is attributed to 11% yoy (+2% qoq) growth in  |
| Reco              | Buy   | EBITDA Margin (%) | 13.9    | 14.5    | 14.7    | -83 bps      | -56 bps      | volumes. EBITDA margin should contract by 60bps qoq (-<br>80bps yoy) to 13.9% on commodity inflation and higher      |
| Target Price (Rs) | 890   | PAT (Rs mn)       | 9,754   | 16,412  | 9,200   | 6.0%         | -40.6%       | discounts. Overall, adjusted PAT is likely to rise by 6% yoy (-41% qoq) to Rs9.8bn.                                  |
| % Upside          | 23%   | EPS (Rs)          | 7.8     | 13.2    | 7.4     | 6.0%         | -40.6%       |  |
| Maruti Suzuki     |       | (Standalone)      |         |         |         |              |              |  |
| CMP(Rs)           | 7,421 | Net Sales (Rs mn) | 197,091 | 224,332 | 192,832 | 2.2%         | -12.1%       | We expect standalone revenues to grow by 2% yoy (-12%  |
| Mkt Cap (Rs bn)   | 2,242 | EBITDA (Rs mn)    | 26,619  | 34,313  | 30,378  | -12.4%       | -22.4%       | qoq) to Rs197.1bn due to 3% yoy (-1% qoq) growth in realizations, despite a fall of -1% yoy (-12% qoq) in volumes.   |
| Reco              | Buy   | EBITDA Margin (%) | 13.5    | 15.3    | 15.8    | -225 bps     | -179 bps     | EBITDA margin is expected to decrease by 179bps qoq (-<br>225bps yoy) to 13.5% owing to commodity inflation, adverse |
| Target Price (Rs) | 8,300 | PAT (Rs mn)       | 16,603  | 22,404  | 17,990  | -7.7%        | -25.9%       | currency movement, higher discounts and a higher base.<br>Overall, adjusted PAT should slip by 8% yoy (-26% qoq) to  |
| % Upside          | 12%   | EPS (Rs)          | 55.0    | 74.2    | 59.6    | -7.7%        | -25.9%       | Rs16.6bn.  |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| TVS Motor         |            | (Standalone)      |         |        |        |              |              | We expect standalone revenues to soar by 22% yoy (-10%   |
| CMP(Rs)           | 535        | Net Sales (Rs mn) | 45,066  | 49,935 | 36,850 | 22.3%        | -9.8%        | qoq) to Rs45.1bn, led by 20% yoy (-9% qoq) growth in volumes and 2% yoy (-1% qoq) in realizations. Realizations              |
| Mkt Cap (Rs bn)   | 254        | EBITDA (Rs mn)    | 3,376   | 4,282  | 2,868  | 17.7%        | -21.1%       | are expected to fall sequentially due to adverse mix within motorcycles. EBITDA margin should contract by 110bps qoq         |
| Reco              | Accumulate | EBITDA Margin (%) | 7.5     | 8.6    | 7.8    | -29 bps      | -108 bps     | (-30bps yoy) to 7.5%, despite price hikes and USD depreciation benefits owing to lower scale, commodity inflation            |
| Target Price (Rs) | 595        | PAT (Rs mn)       | 1,511   | 2,113  | 1,544  | -2.1%        | -28.5%       | and higher discounts. Overall, adjusted PAT likely to fall by 2% yoy (-29% goq) to Rs1.5bn, impacted by higher depreciation  |
| % Upside          | 11%        | EPS (Rs)          | 3.2     | 4.4    | 3.2    | -2.1%        | -28.5%       | and tax rate.  |
| Atul Auto         |            | (Standalone)      |         |        |        |              |              |  |
| CMP(Rs)           | 335        | Net Sales (Rs mn) | 1,837   | 1,765  | 1,290  | 42.4%        | 4.1%         | We expect standalone revenue to climb by 42% yoy (+4% qoq)   |
| Mkt Cap (Rs bn)   | 7          | EBITDA (Rs mn)    | 239     | 229    | 156    | 53.2%        | 4.2%         |  |
| Reco              | Buy        | EBITDA Margin (%) | 13.0    | 13.0   | 12.1   | 92 bps       | 1 bps        | as we expect higher scale to negate commodity cost increases. Overall, adjusted PAT is likely to be higher by 63%            |
| Target Price (Rs) | 570        | PAT (Rs mn)       | 158     | 149    | 97     | 63.1%        | 6.1%         | yoy (+6% qoq) to Rs158mn.  |
| % Upside          | 70%        | EPS (Rs)          | 7.1     | 6.7    | 4.3    | 63.1%        | 6.1%         |  |
| Escorts           |            | (Standalone)      |         |        |        |              |              |  |
| CMP(Rs)           | 731        | Net Sales (Rs mn) | 16,375  | 13,984 | 12,050 | 35.9%        | 17.1%        | We expect standalone revenues to grow by 36% yoy (+17%   |
| Mkt Cap (Rs bn)   | 90         | EBITDA (Rs mn)    | 2,063   | 1,575  | 1,450  | 42.3%        | 31.0%        |  |
| Reco              | Buy        | EBITDA Margin (%) | 12.6    | 11.3   | 12.0   | 56 bps       | 134 bps      | equipment volumes, respectively. We expect revenues from Railways to grow by 32% yoy. EBITDA margin should expand            |
| Target Price (Rs) | 830        | PAT (Rs mn)       | 1,354   | 1,026  | 919    | 47.4%        | 31.9%        | by 130bps qoq (60bps yoy) to 12.6% owing to a higher scale<br>and better mix. Overall, adjusted PAT is likely to grow by 47% |
| % Upside          | 14%        | EPS (Rs)          | 15.8    | 12.0   | 10.7   | 47.4%        | 31.9%        | yoy (+32% qoq) to Rs1.4bn.   |

| Name              |     |                   | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-----|-------------------|---------|---------|---------|--------------|--------------|--|
| Tata Motors       |     | (Consolidated)    |         |         |         |              |              | We expect consolidated revenues to grow by 8% yoy (+12%  |
| CMP(Rs)           | 180 | Net Sales (Rs mn) | 803,787 | 721,121 | 741,561 | 8.4%         | 11.5%        | qoq) to Rs803.8bn, on the back of JLR growth. JLR revenues are expected to grow by 6% yoy (+19% qoq) to GBP6.7bn on  |
| Mkt Cap (Rs bn)   | 568 | EBITDA (Rs mn)    | 86,150  | 67,576  | 85,435  | 0.8%         | 27.5%        | 1% yoy (+15% qoq) rise in volumes and 5% yoy (+3% qoq) in realizations. In comparison, standalone revenues are   |
| Reco              | Buy | EBITDA Margin (%) | 10.7    | 9.4     | 11.5    | -80 bps      | 135 bps      | expected to decline by 2% yoy (-12% qoq) to Rs157.2bn owing to 3% yoy (-2% qoq) decrease in realizations. Consolidated   |
| Target Price (Rs) | 256 | PAT (Rs mn)       | 11,993  | -186    | 10,766  | 11.4%        | n.a          | EBITDA margin is likely to increase by 140bps qoq (-80bps yoy) to 10.7%. JLR margins are expected to grow by 100bps  |
| % Upside          | 42% | EPS (Rs)          | 3.5     | -0.1    | 3.2     | 11.4%        | n.a          | qoq to 10.9% on higher scale, while standalone margins are expected to decline by 140bps qoq to 10.7% on account of lower scale, higher input costs and discounts. Overall, we expect consolidated earnings to grow by 11% yoy to Rs12br |

## **Auto Ancillaries**

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|---|
| Apollo Tyres      |            | (Consolidated)    |         |        |        |              |              |   |
| CMP(Rs)           | 229        | Net Sales (Rs mn) | 47,562  | 42,574 | 40,501 | 17.4%        | 11.7%        | We expect consolidated revenues to rise by 17% yoy (+12%  |
| Mkt Cap (Rs bn)   | 131        | EBITDA (Rs mn)    | 5,401   | 4,672  | 4,964  | 8.8%         | 15.6%        | qoq) to Rs47.6bn, led by strong European growth and its standalone operations. EBITDA margin to expand by 40bps           |
| Reco              | Buy        | EBITDA Margin (%) | 11.4    | 11.0   | 12.3   | -90 bps      | 38 bps       | qoq (-90bps yoy) to 11.4%. This should be driven by higher margins in European operations due to seasonality. Overall,    |
| Target Price (Rs) | 290        | PAT (Rs mn)       | 2,293   | 1,860  | 2,453  | -6.5%        | 23.3%        | adjusted PAT to decline by 7% yoy (+23% qoq) to Rs2.3bn impacted by higher depreciation cost and lower other income.      |
| % Upside          | 27%        | EPS (Rs)          | 4.0     | 3.3    | 4.3    | -6.5%        | 23.3%        |   |
| Amara Raja        |            | (Standalone)      |         |        |        |              |              |   |
| CMP(Rs)           | 739        | Net Sales (Rs mn) | 17,881  | 17,531 | 15,535 | 15.1%        | 2.0%         | We expect standalone revenues to increase by 15% yoy (+2%   |
| Mkt Cap (Rs bn)   | 126        | EBITDA (Rs mn)    | 2,743   | 2,366  | 2,416  | 13.5%        | 15.9%        | qoq) to Rs17.9bn, primarily due to growth in the automotive and tubular battery segments. EBITDA margin to expand by      |
| Reco              | Buy        | EBITDA Margin (%) | 15.3    | 13.5   | 15.6   | -21 bps      | 184 bps      | 180bps qoq (-20bps yoy) to 15.3% on account of the recent decline in lead prices. Overall, adjusted PAT is likely to grow |
| Target Price (Rs) | 890        | PAT (Rs mn)       | 1,479   | 1,202  | 1,345  | 10.0%        | 23.0%        | by 10% yoy (+23% qoq) to Rs1.5bn.   |
| % Upside          | 20%        | EPS (Rs)          | 8.7     | 7.0    | 7.9    | 10.0%        | 23.0%        |   |
| Exide Industries  |            | (Standalone)      |         |        |        |              |              |   |
| CMP(Rs)           | 261        | Net Sales (Rs mn) | 25,027  | 27,204 | 22,783 | 9.9%         | -8.0%        | We expect standalone revenues to rise by 10% yoy (-8% qoq)  |
| Mkt Cap (Rs bn)   | 222        | EBITDA (Rs mn)    | 3,385   | 3,327  | 2,826  | 19.8%        | 1.7%         | to Rs25bn, driven by growth in the automotive and indust<br>segments. EBITDA margin to expand by 130bps of                |
| Reco              | Accumulate | EBITDA Margin (%) | 13.5    | 12.2   | 12.4   | 112 bps      | 129 bps      | (+110bps yoy) to 13.5% on account of the recent fall in lead prices. Overall, adjusted PAT to grow by 18% yoy (+14% qoq)  |
| Target Price (Rs) | 290        | PAT (Rs mn)       | 1,818   | 1,908  | 1,543  | 17.8%        | -4.7%        | to Rs1.8bn.   |
| % Upside          | 11%        | EPS (Rs)          | 2.1     | 2.2    | 1.8    | 17.8%        | -4.7%        |   |

## **Auto Ancillaries**

| Name              |     |                   | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|-----|-------------------|---------|---------|---------|--------------|--------------|---|
| Motherson Sumi    |     | (Consolidated)    |         |         |         |              |              |   |
| CMP(Rs)           | 158 | Net Sales (Rs mn) | 177,419 | 151,050 | 143,877 | 23.3%        | 17.5%        |   |
| Mkt Cap (Rs bn)   | 500 | EBITDA (Rs mn)    | 13,602  | 13,001  | 12,493  | 8.9%         | 4.6%         | qoq) to Rs177.4bn due to Reydel acquisition and 8% depreciation of INR vs. EUR. EBITDA margin to contract by              |
| Reco              | Buy | EBITDA Margin (%) | 7.7     | 8.6     | 8.7     | -102 bps     | -94 bps      | 90bps qoq (-100bps yoy) at 7.7% owing to adverse mix and a fall in standalone margins. Overall, adjusted PAT is likely to |
| Target Price (Rs) | 225 | PAT (Rs mn)       | 3,819   | 3,711   | 3,666   | 4.2%         | 2.9%         | increase by 4% yoy (3% qoq) to Rs3.8bn.   |
| % Upside          | 42% | EPS (Rs)          | 1.2     | 1.2     | 1.2     | 4.2%         | 2.9%         |   |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

- Accelerating loan growth, stable margins, and treasury gains should lead to a healthy PPoP growth for the banks, while investment provision write-back (net of deferred provisions) should accelerate NPA provision cover and still banks should report reasonable earnings growth. We are factoring in ~20% yoy growth in earnings for our coverage universe (excluding SBI), with private bank growth expected at about 14% yoy.
- Corporate slippages could be higher qoq due to devolvement of NFB exposures and the recognition of the IL&FS exposure though banks have requested the RBI to provide special dispensation. However, some corporate resolutions, moderate though including Uttam Galva, Binani, Adhunik, KSS Petron and sale of NPAs by select banks (e.g., Jayaswal Neco and Mahalakshmi TMT) should help bank contain NPA formation on corporate front.
- With the RBI allowing restructuring of SME loans up to Rs250mn, the imminent risk of stress flow from the SME sector has been postponed for now. The impact of farm loan waiver in a few states will be largely split between 3Q and 4Q, with the bulk of the pain reflecting in 4Q mainly in crop loans. Retail asset quality is holding up well except for some stress in the LAP segment. On an overall basis, NPA formation could be largely contained, which coupled with improving loan growth, should lead to lower NPA ratios qoq.
- Among the private banks, we expect HDFCB, ICICI, and Federal Bank to report strong earnings growth and asset quality performance, while Axis, IndusInd and Yes Bank should report subdued performance. In our view, more than earnings performance, the appointment of new MD and CEO in Yes Bank and management rejig/future business strategy by new MD and CEO in Axis Bank will be key monitorables. For IndusInd, the risk of growth moderation in CV, recognition/provisions on IL&FS exposure, adverse news flow in real estate sector, and continued margin pressure remain near-term concerns.
- Among PSBs, we expect SBI/Canara Bank to report strong earnings growth in 3Q led by better credit growth, margins, and treasury support. Bank of Baroda too is likely to report healthy earnings growth like in 2Q; however, the risk of higher IL&FS exposure and the merger of Vijaya/Dena Bank will keep the stock under pressure. After the heavy capital infusion to come out of capital default, Bank of India is likely to accelerate its otherwise higher PCR to reduce NNPA below 6% even at the cost of reporting heavy losses, and should come out of PCA (Prompt Corrective Action).
- Key events to watch: We believe that the court judgment on Sec 29A (barring promoters to bid under NCLT) and 12th February 2018 RBI Circular calling for automatic referral to NCLT post 180 days default and the RBI's stance on allowing 66% lenders approval for resolution outside NCLT will be critical for otherwise slower pace of NPA resolutions.
- Outlook and top picks: We continue to prefer private banks with a preference for bellwether HDFCB and also ICICI underpinned by its healthy capital ratios, growth/margin outlook, improving return ratios, reasonable valuations, and most importantly the new MD and CEO with a cleaner track record. We continue to prefer IndusInd, however, the past premium valuations will take time to return. The current softness in G-sec yields (temporary though), capital infusion, and lumpy NPA resolutions via the NCLT have brought back some interest back to the PSBs. However, we remain selective, and like SBIN (attractive valuations, better growth outlook, and heavy line-up of NPA resolutions).

| Name              |            |                    | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|--------------------|---------|---------|---------|--------------|--------------|--|
| Axis Bank         |            |                    |         |         |         |              |              |  |
| CMP(Rs)           | 651        | NII (Rs mn)        | 54,430  | 52,321  | 47,315  | 15.0%        | 4.0%         | Overall growth remains subdued; bank did not participate   |
| Mkt Cap (Rs bn)   | 1,673      | Op. Profit (Rs mn) | 42,821  | 40,940  | 38,538  | 11.1%        | 4.6%         | much in portfolio buying. Maintains stable to positive bias on NIMs. Given sub-normal slippages in 2Q and change in guard,         |
| Reco              | Accumulate | NIM (%)            | 3.36    | 3.36    | 3.38    | -2bps        | 0bps         | we expect slippages to be higher qoq. Power account may not slip in 3Q, but runs a chance of slipping in 4Q. Some impact           |
| Target Price (Rs) | 675        | PAT (Rs mn)        | 9,260   | 7,896   | 7,264   | 27.5%        | 17.3%        | of SBLC devolvement may also show up in 3Q. Essar Oil money flow could help contain NPAs   |
| % Upside          | 4%         | EPS (Rs)           | 3.58    | 3.07    | 2.83    | 26.2%        | 16.3%        |  |
| Bank of Baroda    |            |                    |         |         |         |              |              | Loan growth should accelerate, with retail growth around 19-   |
| CMP(Rs)           | 124        | NII (Rs mn)        | 47,407  | 44,925  | 43,940  | 7.9%         | 5.5%         | 20%; while SME and corporate growth to remain lackluster.<br>Margins should maintain improving trend but real improvement          |
| Mkt Cap (Rs bn)   | 328        | Op. Profit (Rs mn) | 34,890  | 30,819  | 36,501  | -4.4%        | 13.2%        | in margin will appear in 4Q, when resolutions bunch up. The bank had deferred Rs284cr of MTM provision; not benefiting             |
| Reco              | Accumulate | NIM (%)            | 2.67    | 2.61    | 2.72    | -5bps        | 6bps         | much on the treasury front.  |
| Target Price (Rs) | 190        | PAT (Rs mn)        | 6,401   | 4,254   | 1,118   | 472.6%       | 50.5%        | Some SBLC devolvement risk is there, but slippages should be around Rs40bn; risk of overseas NPA inflation due to rupee            |
| % Upside          | 54%        | EPS (Rs)           | 2.27    | 1.60    | 0.48    | 369.4%       | 41.6%        | depreciation is not there.   |
| HDFC Bank         |            |                    |         |         |         |              |              |  |
| CMP(Rs)           | 2118.85    | NII (Rs mn)        | 125,026 | 117,634 | 103,143 | 21.2%        | 6.3%         | Strong loan growth coupled with no meaningful rise in COF for  |
| Mkt Cap (Rs bn)   | 5,762      | Op. Profit (Rs mn) | 103,720 | 94,800  | 84,513  | 22.7%        | 9.4%         |  |
| Reco              | Buy        | NIM (%)            | 4.3     | 4.3     | 4.3     | 1bps         | 1bps         | positive for RoAs. Slippages to be similar to 2Q; impact of farm loan waiver on crop loans will be largely visible in 4Q, while on |
| Target Price (Rs) | 2500       | PAT (Rs mn)        | 56,113  | 50,057  | 46,426  | 20.9%        | 12.1%        | Term Loans will be visible in 3Q itself.   |
| % Upside          | 18%        | EPS (Rs)           | 21.13   | 18.42   | 17.92   | 17.9%        | 14.7%        |  |

| Name                |            |                    | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|---------------------|------------|--------------------|---------|---------|---------|--------------|--------------|--|
| ICICI Bank          |            |                    |         |         |         |              |              |  |
| CMP(Rs)             | 380        | NII (Rs mn)        | 66,639  | 64,176  | 57,053  | 16.8%        | 3.8%         | Overall credit growth is picking up driven by portfolio buyouts,   |
| Mkt Cap (Rs bn)     | 2,448      | Op. Profit (Rs mn) | 58,297  | 52,497  | 50,578  | 15.3%        | 11.0%        | healthy retail growth and a pick-up in corporate as well. NIMs are likely to be stable in 3Q, but may look better in 4Q on the |
| Reco                | Accumulate | NIM (%)            | 3.3     | 3.33    | 3.14    | 17bps        | -2bps        | back of heavy NPA resolutions. Slippages to be range-bound between Rs30bn and Rs40bn; Uttam Galva and Essar Steel              |
| Target Price (Rs)   | 405        | PAT (Rs mn)        | 17,494  | 9,089   | 16,502  | 6.0%         | 92.5%        | Minnesota has been resolved (exposure: Rs15bn).  |
| % Upside            | 7%         | EPS (Rs)           | 2.72    | 7.06    | 12.85   | -78.8%       | -61.5%       |  |
| IndusInd Bank       |            |                    |         |         |         |              |              |  |
| CMP(Rs)             | 1,578      | NII (Rs mn)        | 23,060  | 22,033  | 18,948  | 21.7%        | 4.7%         | Loan growth to remain healthy despite emerging concerns of   |
| Mkt Cap (Rs bn)     | 950        | Op. Profit (Rs mn) | 20,468  | 19,924  | 16,647  | 23.0%        | 2.7%         | a slowdown in CV/Corporate book. Margins may remain stable vs. earlier guidance of an improvement. IL&FS provisions            |
| Reco                | Hold       | NIM (%)            | 3.8     | 3.84    | 3.99    | -19bps       | -4bps        | should lead to lower profits qoq. Fresh slippages may remain around the 2Q level, if IL&FS does not slip. However, the bank    |
| Target Price (Rs)   | 1,800      | PAT (Rs mn)        | 8,889   | 9,203   | 9,362   | -5.1%        | -3.4%        | will have to provide for IL&FS exposure in 3Q and 4Q.  |
| % Upside            | 14%        | EPS (Rs)           | 12.87   | 15.32   | 15.62   | -17.6%       | -16.0%       |  |
| State Bank of India |            |                    |         |         |         |              |              | Growth is likely to remain healthy due to strong working capital   |
| CMP(Rs)             | 305        | NII (Rs mn)        | 219,392 | 209,057 | 186,875 | 17.4%        | 4.9%         | demand and disintermediation from money markets. Margins are showing improving trend and the bank should have a 4Q             |
| Mkt Cap (Rs bn)     | 2,723      | Op. Profit (Rs mn) | 141,604 | 139,049 | 117,546 | 20.5%        | 1.8%         | exit NIM of 3%. The bank did not defer MTM provisions; hence, we expect provision w/back of about Rs30-35bn. We expect         |
| Reco                | Accumulate | NIM (%)            | 2.8     | 2.76    | 2.45    | 34bps        | 3bps         | slippages to be marginally higher qoq due to some slippage in<br>Term Farm Loan. On the corporate front, Jet Airways and       |
| Target Price (Rs)   | 345        | PAT (Rs mn)        | 11,885  | 9,449   | -24,164 | -149.2%      | 25.8%        | IL&FS remain stressed for the bank. Bank expects Essar Steel, Bhushan Power and Prayagraj Power to be resolved in              |
| % Upside            | 13%        | EPS (Rs)           | 1.26    | 1.06    | -2.80   | -145.0%      | 19.0%        | 4Q.  |

| Name              |        |                    | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|--------|--------------------|---------|--------|--------|--------------|--------------|---|
| Yes Bank          |        |                    |         |        |        |              |              |   |
| CMP(Rs)           | 192    | NII (Rs mn)        | 25,122  | 24,176 | 18,888 | 33.0%        | 3.9%         | Loan growth is likely to come-off due to the bank's conscious   |
| Mkt Cap (Rs bn)   | 445    | Op. Profit (Rs mn) | 24,443  | 23,664 | 20,018 | 22.1%        | 3.3%         | call and some offloading of portfolio. NIMs may remain stable.<br>Slippages may trend down qoq but remain elevated; IL&FS   |
| Reco              | Reduce | NIM (%)            | 3.3     | 3.30   | 3.50   | -24bps       | -4bps        | has not defaulted but including which slippages could look<br>higher. Recovery of accounts slipped in 2Q has not fructified |
| Target Price (Rs) | 173    | PAT (Rs mn)        | 11,513  | 9,647  | 10,769 | 6.9%         | 19.3%        | till now.   |
| % Upside          | -10%   | EPS (Rs)           | 4.99    | 4.20   | 4.70   | 6.2%         | 18.9%        |   |

#### Insurance

- Life insurance companies in our coverage are likely to report moderate growth in Q3FY19 due to softness in new business volumes.
  Private players are expected to maintain high single-digit Annualized Premium Equivalent (APE) YTD growth, with better growth for top private players (excluding IPRU) under our coverage. We expect better growth in Q4FY19, which itself contributes c. 35% to annual volumes.
- Monthly business numbers and our interactions with management confirm our hypothesis of a larger focus on the protection business. We believe that a continued push of the protection business through product innovations and health riders is likely to improve the product mix in favor of higher margin segments. This should improve the future profitability. The trend in monthly data indicates a continued thrust towards the individual protection segment, with slower growth in the ticket size viz-à-viz the policies sold. However, lower disbursements by HFCs in Q3FY19 may result in weaker credit protect segment growth.
- Despite slower APE growth expectations, the value of new business (VNB) margin is likely to remain strong, given increased contribution from the high-margin protection business as well as traditional savings business.
- For Emkay's life insurance coverage universe, we expect Gross Written Premium (GWP) growth of 21.1% yoy, with negative APE growth of 3.2% yoy. Excluding IPRU, we expect APE growth of 2.4% yoy. Strong renewals are also expected due to improving persistency trends.
- Sector valuation as a whole has come-down (~30% cut from peak valuations), offering a valuation comfort. We are positive on MAXF owing to its consistent premium growth delivery and SBIL due to its new banca tie-ups and stake sale overhang on the verge of receiving clearance. Although there is a valuation comfort in ICICI Pru, pick up in its new business volumes remains the key to make any meaningful entry in the stock; however, it should get support from the lower base of Q4FY18. Despite having a balanced product mix and the highest VNB margin among peers, HDFCSL's higher valuations viz-à-viz its peers limit the upside potential.

#### Insurance

| Name                  |     |                | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-----------------------|-----|----------------|---------|--------|--------|--------------|--------------|--|
| ICICI Prudential Life |     |                |         |        |        |              |              |  |
| CMP(Rs)               | 324 | GWP (Rs mn)    | 78,374  | 76,819 | 68,556 | 14.3%        | 2.0%         | We expect IPRU to record lower APE in Q3FY19 at Rs16.5bn   |
| Mkt Cap (Rs bn)       | 466 | APE (Rs mn)    | 16,449  | 19,133 | 19,722 | -16.6%       | -14.0%       | (-16.6% yoy and -14% qoq) owing to overall growth moderation witnessed by the industry and also due to changes               |
| Reco                  | Buy | VNB Margin (%) | 17.7%   | 17.5%  | 13.7%  | 4.0%         | 0.2%         | in its strategy towards mass customers from affluent customers (Its ULIP ticket size is 2.5-3x viz-a-viz its peers).We       |
| Target Price (Rs)     | 430 | PAT (Rs mn)    | 3,504   | 3,009  | 4,521  | -22.5%       | 16.5%        | expect the VNB margin to expand to 17.7% (+20bps qoq) this quarter.  |
| % Upside              | 33% | EPS (Rs)       | 2.4     | 2.1    | 3.1    | -22.5%       | 16.5%        |  |
| HDFC Standard Life    |     |                |         |        |        |              |              |  |
| CMP(Rs)               | 395 | GWP (Rs mn)    | 67,792  | 68,405 | 54,677 | 24.0%        | -0.9%        | We expect HDFCSL's APE growth to be flattish in Q3FY19   |
| Mkt Cap (Rs bn)       | 796 | APE (Rs mn)    | 13,929  | 14,468 | 13,484 | 3.3%         | -3.7%        | due to a higher base impact kicking in. Lower disbursements in HFCs this quarter may result in softer credit protect segment |
| Reco                  | Buy | VNB Margin (%) | 24.5%   | 24.3%  | 22.2%  | 2.3%         | 0.2%         | defended annulled, we expect the write margin to expand to   |
| Target Price (Rs)     | 465 | PAT (Rs mn)    | 2,426   | 2,870  | 2,073  | 17.0%        | -15.5%       | 24.5% in the three-month period (+20bps qoq).  |
| % Upside              | 18% | EPS (Rs)       | 1.2     | 1.4    | 1.0    | 16.8%        | -15.3%       |  |
| SBI Life              |     |                |         |        |        |              |              |  |
| CMP(Rs)               | 613 | GWP (Rs mn)    | 87,101  | 76,855 | 68,141 | 27.8%        | 13.3%        | We expect SBIL to report a relatively better number viz-à-viz  |
| Mkt Cap (Rs bn)       | 613 | APE (Rs mn)    | 24,530  | 23,494 | 25,050 | -2.1%        | 4.4%         | its peers due to continued growth driven by its robust distribution capabilities. The recent 'bancassurance' tie-up          |
| Reco                  | Buy | VNB Margin (%) | 17.6%   | 17.3%  | 16.0%  | 1.6%         | 0.3%         | positive. We expect the With margin to expand to 17.0%   |
| Target Price (Rs)     | 830 | PAT (Rs mn)    | 2,851   | 2,505  | 2,303  | 23.8%        | 13.8%        | (+30bps qoq) on improving product mix (a higher share of protection segment).  |
| % Upside              | 35% | EPS (Rs)       | 2.9     | 2.5    | 2.3    | 23.8%        | 13.8%        |  |

#### Insurance

| Name              |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-----|-------------------|---------|--------|--------|--------------|--------------|--|
| Max Financial     |     |                   |         |        |        |              |              |  |
| CMP(Rs)           | 435 | GWP (Rs mn)       | 35,367  | 32,990 | 30,444 | 16.2%        | 7.2%         |  |
| Mkt Cap (Rs bn)   | 117 | APE (Rs mn)       | 9,052   | 8,756  | 7,852  | 15.3%        | 3.4%         | qoq), driven by consistent increase in new business volumes.<br>We expect the VNB margin to expand to 20.8% (+40bps qoq) |
| Reco              | Buy | VNB Margin (%)    | 20.8%   | 20.4%  | NA     | NA           | 0.4%         | on the back of changes in its product mix towards higher margin segment. The ramp up of agent workforce through a        |
| Target Price (Rs) | 615 | MAXL PBT (Rs mn)  | 1,609   | 1,850  | 1,536  | 4.8%         | -13.1%       | strategic partnership with New York Life is structurally positive.   |
| % Upside          | 41% | Group PBT (Rs mn) | 1,284   | 1,800  | 1,343  | -4.4%        | -28.7%       |  |

- Q3FY19 has remained crucial for NBFCs amid the funding reluctance from capital markets as well as banks, weak festive demand and steep rise in portfolio assignments in order to manage liquidity. Although we still see a low probability of default for NBFCs (expecting timely RBI intervention), the slowdown in disbursement growth makes compression in margins inevitable for them.
- Demand environment for NBFCs has remained sporadic, varying for each lender based on its liquidity positioning and segmental exposure. Rising securitization/assignments should further pressurize overall AUM growth, especially for NBFCs with relatively weak liability franchise. Similarly, most NBFCs under our coverage universe have been maintaining excess liquidity to avoid volatility in overall cost of funds; however, it has attracted negative carry and would further compress margins.
- For the Emkay NBFC coverage universe, we expect NII growth of ~14.3% yoy, driven by healthy credit growth for relatively better players like Bajaj Finance and HDFC Limited. Similarly, we expect PAT to grow ~13% yoy, in line with NII and AUM growth.
- We expect Bajaj Finance along with HDFC Limited and Mahindra Finance to report healthy growth numbers with relatively positive guidance, while we believe Shriram Transport and Shriram City Union Finance can surprise to the Negative side amid their inability to raise funds at comfortable rates.
- Bajaj Finance (Buy, TP Rs2,690) remains our top pick in the sector, with a superior growth profile, a favorable ALM maturity, and a diversified book. We also continue to like HDFC Limited (TP Rs2,142), M&M Finance (TP Rs486), and Cholamandalam Finance (TP Rs1,474), considering their healthy growth rates, steady ALM profiles, and attractive risk-reward opportunity. We would prefer to remain cautious on LTFH and Edelweiss Financial considering their risky asset exposure.

| Name              |       |                    | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|-------|--------------------|---------|--------|--------|--------------|--------------|---|
| Bajaj Finance     |       |                    |         |        |        |              |              |   |
| CMP(Rs)           | 2,537 | NII (Rs mn)        | 30,004  | 26,652 | 23,724 | 26.5%        | 12.6%        | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   |
| Mkt Cap (Rs bn)   | 1,466 | Op. Profit (Rs mn) | 19,094  | 17,386 | 14,230 | 34.2%        | 9.8%         | inclugage sachierer interest indigine are expected to   |
| Reco              | Buy   | NIM (%)            | 11.7    | 11.0   | 12.6   | -92 bps      | 66 bps       | decline marginally on a yoy basis primarily on account of higher cost of funds. Asset quality is likely to remain stable. |
| Target Price (Rs) | 2,690 | PAT (Rs mn)        | 10,099  | 9,203  | 7,668  | 31.7%        | 9.7%         |   |
| % Upside          | 6%    | EPS (Rs)           | 17.5    | 16.0   | 13.3   | 31.3%        | 9.7%         |   |
| Cholamandalam Fin | ance  |                    |         |        |        |              |              |   |
| CMP(Rs)           | 1,200 | NII (Rs mn)        | 8,142   | 8,119  | 7,930  | 2.7%         | 0.3%         | AUM growth to be impacted by high base effect of Q3FY18   |
| Mkt Cap (Rs bn)   | 188   | Op. Profit (Rs mn) | 5,259   | 5,207  | 4,694  | 12.0%        | 1.0%         | mainly for vehicle finance business. Commentary on disbursements for vehicle finance and asset quality of the             |
| Reco              | Buy   | NIM (%)            | 6.7     | 7.0    | 8.4    | 165 bps      | -23 bps      | home equity business will be key monitorables.  |
| Target Price (Rs) | 1,474 | PAT (Rs mn)        | 2,927   | 3,047  | 2,492  | 17.5%        | -3.9%        |   |
| % Upside          | 23%   | EPS (Rs)           | 18.7    | 19.5   | 15.9   | 17.4%        | -3.9%        |   |
| HDFC Ltd          |       |                    |         |        |        |              |              |   |
| CMP(Rs)           | 1,959 | NII (Rs mn)        | 30,388  | 26,288 | 29,287 | 3.8%         | 15.6%        | We expect HDFC's loan growth to remain healthy at ~18%  |
| Mkt Cap (Rs bn)   | 3,368 | Op. Profit (Rs mn) | 29,850  | 38,904 | 29,099 | 2.6%         | -23.3%       | ······································  |
| Reco              | Buy   | NIM (%)            | 3.3     | 2.9    | 3.7    | -36 bps      | 40 bps       | affordable housing segment will be crucial for future growth trends. Asset quality likely to remain stable.               |
| Target Price (Rs) | 2,142 | PAT (Rs mn)        | 21,097  | 24,671 | 56,702 | -62.8%       | -14.5%       |   |
| % Upside          | 9%    | EPS (Rs)           | 12.4    | 14.5   | 35.5   | -65.0%       | -14.5%       |   |

| Name                |      |                    | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|---------------------|------|--------------------|---------|--------|--------|--------------|--------------|---|
| LIC Housing Finance |      |                    |         |        |        |              |              |   |
| CMP(Rs)             | 481  | NII (Rs mn)        | 10,017  | 10,599 | 8,976  | 11.6%        | -5.5%        | We expect NIMs to remain under pressure sequentially due to   |
| Mkt Cap (Rs bn)     | 243  | Op. Profit (Rs mn) | 9,372   | 9,633  | 8,050  | 16.4%        | -2.7%        | recent rise in overall cost of funds. LICHF's growth momentum<br>in the builder loan segment will to be a key monitorables. |
| Reco                | Hold | NIM (%)            | 2.4     | 2.5    | 2.3    | -9 bps       | -22 bps      | Credit costs and asset quality are likely to remain stable sequentially.  |
| Target Price (Rs)   | 461  | PAT (Rs mn)        | 5,353   | 5,732  | 4,911  | 9.0%         | -6.6%        |   |
| % Upside            | -4%  | EPS (Rs)           | 10.6    | 11.4   | 9.7    | 9.0%         | -6.6%        |   |
| Magma Fincorp       |      |                    |         |        |        |              |              |   |
| CMP(Rs)             | 108  | NII (Rs mn)        | 3,414   | 3,498  | 3,593  | -5.0%        | -2.4%        | Weak growth trends expected on back of recent liquidity   |
| Mkt Cap (Rs bn)     | 29   | Op. Profit (Rs mn) | 1,878   | 1,913  | 1,942  | -3.3%        | -1.8%        | turmoil. Future management commentary would be a key monitorable. Asset quality will be another key aspect. NIMs            |
| Reco                | Buy  | NIM (%)            | 8.4     | 8.6    | 9.3    | -86 bps      | -16 bps      | should remain under pressure on back of recent steep rise in cost of funds.   |
| Target Price (Rs)   | 176  | PAT (Rs mn)        | 787     | 766    | 650    | 21.1%        | 2.8%         |   |
| % Upside            | 63%  | EPS (Rs)           | 2.9     | 2.8    | 2.7    | 6.5%         | 2.8%         |   |
| Mahindra Finance    |      |                    |         |        |        |              |              |   |
| CMP(Rs)             | 462  | NII (Rs mn)        | 12,090  | 11,666 | 10,711 | 12.9%        | 3.6%         | Growth should be healthy however some contraction might be  |
| Mkt Cap (Rs bn)     | 285  | Op. Profit (Rs mn) | 7,378   | 7,869  | 6,553  | 12.6%        | -6.2%        | visible on CV volumes. Asset quality to improve sequentially. At the same time, credit costs are expected to continue to    |
| Reco                | Buy  | NIM (%)            | 8.0     | 8.1    | 8.7    | -52 bps      | 1 bps        | taper off compared with the same quarter last year which saw higher write-offs.   |
| Target Price (Rs)   | 486  | PAT (Rs mn)        | 3,443   | 3,814  | 3,420  | 0.7%         | -9.7%        |   |
| % Upside            | 5%   | EPS (Rs)           | 5.6     | 6.2    | 5.6    | 0.7%         | -9.7%        |   |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

| Name               |             |                    | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|--------------------|-------------|--------------------|---------|--------|--------|--------------|--------------|--|
| Shriram City Union | n Finance   |                    |         |        |        |              |              |  |
| CMP(Rs)            | 1,546       | NII (Rs mn)        | 9,421   | 9,769  | 9,157  | 2.9%         | -3.6%        | Growth momentum could slow down due to lack of demand in   |
| Mkt Cap (Rs bn)    | 102         | Op. Profit (Rs mn) | 5,601   | 6,243  | 5,449  | 2.8%         | -10.3%       | SME segment. NIMs are expected to decline on a sequential basis. Asset quality movement will be a key monitorable.         |
| Reco               | Accumulate  | NIM (%)            | 12.5    | 13.3   | 14.3   | -185 bps     | -81 bps      |  |
| Target Price (Rs)  | 2,002       | PAT (Rs mn)        | 2,108   | 2,493  | 2,255  | -6.5%        | -15.4%       |  |
| % Upside           | 29%         | EPS (Rs)           | 32.0    | 37.8   | 34.2   | -6.6%        | -15.4%       |  |
| Shriram Transport  | t Finance   |                    |         |        |        |              |              |  |
| CMP(Rs)            | 1,193       | NII (Rs mn)        | 19,671  | 20,612 | 17,094 | 15.1%        | -4.6%        | Growth momentum to remain weak due to recent tight liquidity   |
| Mkt Cap (Rs bn)    | 271         | Op. Profit (Rs mn) | 14,885  | 16,226 | 13,486 | 10.4%        | -8.3%        | situation. NPLs and credit costs are expected to remain higher<br>as the company recognizes as per 90-dpd and IND AS. NIMs |
| Reco               | Buy         | NIM (%)            | 7.3     | 7.5    | 7.8    | -16 bps      | -50 bps      | to remain stable qoq. Asset quality movement under the stricter NPL recognition norms will be a key monitorable.           |
| Target Price (Rs)  | 1,510       | PAT (Rs mn)        | 5,512   | 6,096  | 4,956  | 11.2%        | -9.6%        |  |
| % Upside           | 27%         | EPS (Rs)           | 24.3    | 26.9   | 21.8   | 11.2%        | -9.6%        |  |
| Edelweiss Financi  | al Services |                    |         |        |        |              |              |  |
| CMP(Rs)            | 181         | NII (Rs mn)        | 14,019  | 14,718 | 11,861 | 18.2%        | -4.8%        | Top-line growth is likely to be driven by the advisory   |
| Mkt Cap (Rs bn)    | 169         | Op. Profit (Rs mn) | 16,407  | 16,417 | 12,322 | 33.2%        | 1.6%         | businesses. Margin pressure to remain severe. Capital consumption in the credit business and ALM profile will be key       |
| Reco               | Buy         | NIM (%)            | 7.1     | 7.7    | 7.5    | -60 bps      | -40 bps      | monitorables.  |
| Target Price (Rs)  | 211         | PAT (Rs mn)        | 2,416   | 2,764  | 2,364  | 2.2%         | -12.6%       |  |
| % Upside           | 17%         | EPS (Rs)           | 2.7     | 3.1    | 2.6    | 5.6%         | -12.6%       |  |

| Name                |     |                    | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|---------------------|-----|--------------------|---------|--------|--------|--------------|--------------|--|
| L&T Finance Holding | gs  |                    |         |        |        |              |              |  |
| CMP(Rs)             | 148 | NII (Rs mn)        | 15,838  | 15,966 | 12,706 | 24.6%        | -0.8%        | The strong fee engine is expected to drive growth in operating                               |
| Mkt Cap (Rs bn)     | 296 | Op. Profit (Rs mn) | 11,513  | 11,494 | 9,409  | 22.4%        | 0.2%         | income. Asset quality and provisioning in the wholesale business to remain key monitorables. |
| Reco                | Buy | NIM (%)            | 6.9     | 6.6    | 6.9    | 0 bps        | 30 bps       |  |
| Target Price (Rs)   | 160 | PAT (Rs mn)        | 4,954   | 5,604  | 3,841  | 29.0%        | -11.6%       |  |
| % Upside            | 8%  | EPS (Rs)           | 2.8     | 2.8    | 2.0    | 43.4%        | 0.0%         |  |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

- Sales volumes for our coverage universe are expected to rise by 8.5% yoy, driven by 11-13% volume growth of UltraTech, Ramco Cements and Orient Cement. According to the latest data by Core Industries, the cement production grew 9.2% yoy in Oct-Nov '18 (14.2% yoy in Apr-Nov '18). We expect ACC and Ambuja Cement to record volume growth of 6% and 5% yoy, respectively. Shree Cement is expected to post volume growth of 8% yoy. Sanghi Industries is the only cement company under our coverage for which we expect volumes to slump (-13% yoy).
- Based on our channel checks, average cement price was down 1.5% qoq pan-India due to price declines in the South and Central regions. Cement price fell 2%/4% qoq in Central/South markets, while it was down 1% qoq in the North, West and East markets. On a yoy basis, average cement price was down 2% yoy pan-India, owing to a 5%/2% decrease in South/North regions. The average realization for our coverage universe is expected to fall 1.2% qoq, but grow 2.3% yoy.
- We expect EBITDA growth of 16.1%/22.7% yoy for UltraTech/ACC among the large players. Prism Johnson and JK Cement are expected to record EBITDA growth of 13-15% yoy. Average EBIDTA/ton for our coverage universe is expected to slip 2.3% yoy to Rs786 on account of lower realization and higher costs (average increase of 4% yoy). Among the large players, we expect ACC/UltraTech's EBITDA/ton to rise 15.8%/3.5% yoy. Among the mid-sized players, JK Cement and Prism Cement are expected to clock EBITDA/ton growth of 8.5% and 6.2% yoy, respectively. Other companies are expected to see a decline in their EBITDA/ton between 11% and 30% yoy, with EBITDA/ton remaining flat for JK Lakshmi.
- We expect an earnings downgrade for most mid-sized companies under our coverage universe after Q3 results. Though input costs (coal, diesel, and packaging cost) have turned favorable, weak pricing power remains a worry. We downgrade our FY19 EBITDA estimates by 3-8% for Shree Cement, Ramco Cements, JK Lakshmi, Prism, and India Cements. We cut our FY19/FY20 EBITDA estimates for Orient Cement by 17.7%/7.6%.
- Despite strong demand growth, lack of pricing power remains a cause of concern. We believe that a structural up-cycle in the industry is still some time away. In this scenario, we prefer market leaders, or companies that offer growth opportunities and are available at attractive valuations. Our preferred stock picks in the sector include UltraTech, ACC, JK Cement, and Star Cement.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY <GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to institutional Investors, Expert Investors or Accredited Investors or Accredited Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investor

| Name              |            |                   | Dec'18E | Sep'18  | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|------------|-------------------|---------|---------|--------|--------------|--------------|---|
| ACC               |            |                   |         |         |        |              |              |   |
| CMP(Rs)           | 1,470      | Net Sales (Rs mn) | 37,867  | 34,332  | 34,941 | 8.4%         | 10.3%        | We expect 6% yoy growth in the cement volume to 7.3mt.  |
| Mkt Cap (Rs bn)   | 276        | EBITDA (Rs mn)    | 5,012   | 4,461   | 4,084  | 22.7%        | 12.3%        | Realization is expected to improve by 2.8% yoy. Higher volume/realization will yield revenue growth of 8.4% yoy.                |
| Reco              | Buy        | EBITDA Margin (%) | 13.2    | 111.3.0 | 11.7   | 155 bps      | 24 bps       | Operating cost/ton is expected to be flat, considering a partial benefit from axle load norms and lower fuel costs to be        |
| Target Price (Rs) | 1,836      | PAT (Rs mn)       | 2,473   | 2,091   | 1,703  | 45.2%        | 18.2%        | obtained. Higher volumes, realization and stable costs will lead to 22.7% yoy EBITDA growth and a 155bps yoy                    |
| % Upside          | 25%        | EPS (Rs)          | 13.2    | 11.1    | 9.1    | 45.2%        | 18.2%        | improvement in OPM. EBITDA/ton is expected to rise by 15.8% yoy to Rs683 (Rs681 in Q2FY19, +0.3%qoq).                           |
| Ambuja Cement     |            |                   |         |         |        |              |              |   |
| CMP(Rs)           | 219        | Net Sales (Rs mn) | 29,212  | 26,139  | 27,126 | 7.7%         | 11.8%        | Volumes are expected to be at 6.16mt, up 5% yoy. Realization  |
| Mkt Cap (Rs bn)   | 434        | EBITDA (Rs mn)    | 4,823   | 3,582   | 5,383  | -10.4%       | 34.7%        |   |
| Reco              | Hold       | EBITDA Margin (%) | 16.5    | 13.7    | 19.8   | -333 bps     | 281 bps      | 6.8% yoy rise in Opex/ton, despite a cost respite on energy and freight fronts due to higher raw material costs. Therefore, OPM |
| Target Price (Rs) | 242        | PAT (Rs mn)       | 2,300   | 1,786   | 3,119  | -26.3%       | 28.8%        | is expected to contract by 333bps yoy to 16.5%. EBITDA/ton is expected to decline 14.7% yoy to Rs783 (Rs656 in Q2FY19,          |
| % Upside          | 11%        | EPS (Rs)          | 1.5     | 1.2     | 2.1    | -26.3%       | 28.8%        | +19.3%qoq).   |
| UltraTech Cement  |            |                   |         |         |        |              |              |   |
| CMP(Rs)           | 3,915      | Net Sales (Rs mn) | 88,640  | 79,231  | 75,899 | 16.8%        | 11.9%        | We expect 12.3% yoy volume growth to 16.96mt on the back  |
| Mkt Cap (Rs bn)   | 1,075      | EBITDA (Rs mn)    | 14,738  | 12,931  | 12,691 | 16.1%        | 14.0%        | of higher utilization of JP Group's acquired assets. Grey cement realization is expected to improve by 6% yoy. Higher           |
| Reco              | Accumulate | EBITDA Margin (%) | 16.6    | 16.3    | 16.7   | -9 bps       | 31 bps       | grey volume/realization should result in 16.8% yoy revenue growth and 16.1% yoy growth in EBITDA. OPM is expected to            |
| Target Price (Rs) | 4,359      | PAT (Rs mn)       | 5,099   | 3,908   | 3,177  | 60.5%        | 30.5%        | see a slight decrease of about 9bps yoy to 16.6%. EBITDA/ton is expected to rise by 3.5% yoy to Rs772.                          |
| % Upside          | 11%        | EPS (Rs)          | 18.6    | 14.2    | 11.6   | 60.5%        | 30.5%        |   |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| India Cement      |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 91         | Net Sales (Rs mn) | 12,585  | 13,871 | 12,131 | 3.7%         | -9.3%        | Sales volumes are expected to improve by 8% yoy to 2.94mt,   |
| Mkt Cap (Rs bn)   | 28         | EBITDA (Rs mn)    | 1,263   | 1,548  | 1,673  | -24.5%       | -18.4%       |  |
| Reco              | Hold       | EBITDA Margin (%) | 10.0    | 11.2   | 13.8   | -375 bps     | -112 bps     | growth. Lower realization and higher costs are expected to lead to a 24.5% yoy slump in operating profit and a 375bps    |
| Target Price (Rs) | 101        | PAT (Rs mn)       | -126    | 132    | 152    | n/m          | n/m          | yoy contraction in OPM to 10%. EBITDA/ton is expected to be at Rs427 vs. Rs598/Rs494 in Q3FY18/Q2FY19.                   |
| % Upside          | 11%        | EPS (Rs)          | -0.4    | 0.4    | 0.5    | n/m          | n/m          |  |
| Ramco Cements     |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 631        | Net Sales (Rs mn) | 11,895  | 11,835 | 10,564 | 12.6%        | 0.5%         | Ramco Cements is expected to report 12.6% yoy growth in  |
| Mkt Cap (Rs bn)   | 149        | EBITDA (Rs mn)    | 2,121   | 2,472  | 2,306  | -8.0%        | -14.2%       | revenue on 12.5% volume growth to 2.56mt, while realization is expected to remain flat. EBITDA is expected to decline by |
| Reco              | Accumulate | EBITDA Margin (%) | 17.8    | 20.9   | 21.8   | -399 bps     | -305 bps     | 8% yoy owing to a 5.2% yoy increase in costs with EBITDA margin of 17.8%, a decline of 399bps yoy. EBITDA/ton is         |
| Target Price (Rs) | 708        | PAT (Rs mn)       | 943     | 1,145  | 1,180  | -20.1%       | -17.6%       | expected to be at Rs829 vs. Rs1,014/Rs1,001 in Q3FY18/Q2FY19.  |
| % Upside          | 12%        | EPS (Rs)          | 4.0     | 4.8    | 5.0    | -20.1%       | -17.6%       |  |
| Shree Cement      |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 16,754     | Net Sales (Rs mn) | 26,327  | 25,866 | 23,027 | 14.3%        | 1.8%         | We expect Shree Cement to report revenue growth of 14.3%   |
| Mkt Cap (Rs bn)   | 584        | EBITDA (Rs mn)    | 5,698   | 5,733  | 5,293  | 7.6%         | -0.6%        | yoy, factoring in 9.1%/2% yoy cement volume (5.81mt) /realizaton growth. Its power segment to report healthy             |
| Reco              | Hold       | EBITDA Margin (%) | 21.6    | 22.2   | 23.0   | -134 bps     | -52 bps      | revenues on 30-40% yoy surge in both volume and merchant power rates. Opex/ton is expected to increase by 6.1% yoy.      |
| Target Price (Rs) | 17,615     | PAT (Rs mn)       | 1,472   | 2,810  | 2,930  | -49.8%       | -47.6%       | We expect EBITDA to increase by 7.6% yoy, while EBITDA margin at 21.6% is expected to contract by 134bps yoy.            |
| % Upside          | 5%         | EPS (Rs)          | 42.3    | 80.7   | 84.1   | -49.8%       | -47.6%       | EBITDA/ton is expected to be at Rs896, down 10.8% yoy  |

| Name              |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------|-------------------|---------|--------|--------|--------------|--------------|--|
| JK Lakshmi Cement |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 313  | Net Sales (Rs mn) | 8,609   | 8,514  | 8,374  | 2.8%         | 1.1%         | We expect the company to post modest revenue growth  |
| Mkt Cap (Rs bn)   | 37   | EBITDA (Rs mn)    | 969     | 916    | 943    | 2.7%         | 5.7%         | (+2.8% yoy), based on 3% yoy volume growth to 2.17mt. Opex/ton is expected to remain flat on yoy basis as other      |
| Reco              | Hold | EBITDA Margin (%) | 11.3    | 10.8   | 11.3   | -1 bps       | 49 bps       | expense has been on a declining trend. EBITDA at Rs969mn is expected to grow at 2.7% yoy. EBITDA margin at 11.3% yoy |
| Target Price (Rs) | 327  | PAT (Rs mn)       | 103     | 78     | 86     | 20.2%        | 32.1%        | is expected to remain flat on yoy basis. EBITDA/ton is expected to be at Rs446 vs. Rs447/Rs431 in                    |
| % Upside          | 4%   | EPS (Rs)          | 0.9     | 0.7    | 0.7    | 20.2%        | 32.1%        | Q3FY18/Q2FY19.   |
| JK Cement         |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 703  | Net Sales (Rs mn) | 12,332  | 11,006 | 11,261 | 9.5%         | 12.0%        | Grey cement volume is expected to be at 2.07mt, up 2.1%  |
| Mkt Cap (Rs bn)   | 54   | EBITDA (Rs mn)    | 1,925   | 1,698  | 1,702  | 13.1%        | 13.4%        | yoy. Realization is expected to grow by 3.5% yoy. White cement and putty volume is expected to be at 0.35mt          |
| Reco              | Buy  | EBITDA Margin (%) | 15.6    | 15.4   | 15.1   | 49 bps       | 19 bps       | (+19%yoy). This will lead to 9.5% yoy revenue growth, while EBITDA is expected to rise by 13.1% yoy. OPM is expected |
| Target Price (Rs) | 864  | PAT (Rs mn)       | 802     | 647    | 731    | 9.8%         | 24.0%        | to be at 15.6% yoy (+50bps only) on a 4.5% rise in Opex/ton.<br>Blended EBITDA/ton is expected to be at Rs795 vs.    |
| % Upside          | 23%  | EPS (Rs)          | 11.5    | 9.3    | 10.4   | 9.8%         | 24.0%        | Rs733/Rs786 in Q3FY18/Q2FY19.  |
| Orient Cement     |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 81   | Net Sales (Rs mn) | 5,614   | 5,608  | 5,115  | 9.7%         | 0.1%         | We expect volume growth of 11.4% yoy to 1.53mt, while  |
| Mkt Cap (Rs bn)   | 17   | EBITDA (Rs mn)    | 320     | 358    | 391    | -18.1%       | -10.4%       | realization is expected to decline by 1.5% yoy. Higher volume should lead to 9.7% yoy revenue growth. Opex/ton is    |
| Reco              | Hold | EBITDA Margin (%) | 5.7     | 6.4    | 7.6    | -194 bps     | -67 bps      | expected to remain flat on yoy basis. Lower realization will lead to an 18.1% yoy fall in EBITDA and a 194bps yoy    |
| Target Price (Rs) | 81   | PAT (Rs mn)       | -198    | -167   | -177   | n/m          | n/m          | contraction in OPM. EBITDA/ton is expected to be at Rs210 vs. Rs286/Rs243 in Q3FY18/Q2FY19.                          |
| % Upside          | 0%   | EPS (Rs)          | -1.0    | -0.8   | -0.9   | n/m          | n/m          |  |

| Name              |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------|-------------------|---------|--------|--------|--------------|--------------|--|
| Prism Johnson     |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 87   | Net Sales (Rs mn) | 13,830  | 13,353 | 12,963 | 6.7%         | 3.6%         | Prism Cement is expected to clock 6.7% yoy revenue growth,   |
| Mkt Cap (Rs bn)   | 44   | EBITDA (Rs mn)    | 947     | 803    | 822    | 15.2%        | 17.9%        |  |
| Reco              | Hold | EBITDA Margin (%) | 6.8     | 6.0    | 6.3    | 50 bps       | 83 bps       | and realization of Rs4,267/ton (up 2.2% yoy). EBITDA/ton of its Cement segment is estimated at Rs575 vs. Rs541/Rs550     |
| Target Price (Rs) | 103  | PAT (Rs mn)       | 166     | 70     | 149    | 11.5%        | 135.1%       | in Q3FY18/Q2FY19. EBITDA of its RMC segment is expected to be at Rs34mn vs. Rs64mn/Rs38mn in Q3FY18/Q2FY19.              |
| % Upside          | 18%  | EPS (Rs)          | 0.3     | 0.1    | 0.3    | 11.5%        | 135.1%       | EBITDA in its TBK Segment is expected to be at Rs20mn vs. Rs17mn/24mn in Q3FY18/Q2FY19.                                  |
| Sanghi Industries |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 61   | Net Sales (Rs mn) | 2,610   | 2,441  | 2,796  | -6.6%        | 6.9%         | Sanghi Industries is expected to report a 6.6% yoy decline in  |
| Mkt Cap (Rs bn)   | 15   | EBITDA (Rs mn)    | 378     | 324    | 618    | -38.9%       | 16.6%        |  |
| Reco              | Hold | EBITDA Margin (%) | 14.5    | 13.3   | 22.1   | -764 bps     | 120 bps      | 18% yoy on high energy and freight costs. Lower realization and higher opex should lead to a 38.9% yoy decline in EBITDA |
| Target Price (Rs) | 69   | PAT (Rs mn)       | 73      | 20     | 322    | -77.4%       | 271.1%       | and a 764 bps yoy contraction in OPM to 14.5%. EBITDA/ton is expected to be at Rs581 vs. Rs827/Rs523 in                  |
| % Upside          | 13%  | EPS (Rs)          | 0.3     | 0.1    | 1.5    | -77.4%       | 271.1%       | Q3FY18/Q2FY19.   |
| Star Cement       |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 102  | Net Sales (Rs mn) | 4,359   | 3,623  | 3,774  | 15.5%        | 20.3%        | We expect 9% yoy volume growth to 0.68mt. Realization is   |
| Mkt Cap (Rs bn)   | 43   | EBITDA (Rs mn)    | 1,081   | 687    | 1,413  | -23.5%       | 57.3%        | expected to rise by 6% yoy, leading to revenue growth of 15.5% yoy. Opex/ton is expected to go up by 27.4% yoy due       |
| Reco              | Buy  | EBITDA Margin (%) | 24.8    | 19.0   | 37.4 - | 1,264bps     | 583 bps      | to high raw material and fuel costs. Higher operating costs to lead to a 23.5% yoy decline in EBITDA. OPM is expected to |
| Target Price (Rs) | 167  | PAT (Rs mn)       | 733     | 364    | 895    | -18.2%       | 101.3%       | be at 24.8% vs. 37.4%/19% in Q3FY18/Q2FY19. EBITDA/ton is expected to be at Rs1,600 vs. Rs2,280/Rs1,236 in               |
| % Upside          | 63%  | EPS (Rs)          | 1.7     | 0.9    | 2.1    | -18.2%       | 101.3%       | Q2EV18/Q2EV10  |

- In FY19, the NHAI's target is to award projects involving 8,500-9,000km of road construction; however, ordering activity has been muted in 9MFY19 and hence the authority has reduced its target to 4,500-5,000km. The government wants to ensure smooth execution of the projects and has been very stringent thus far on land acquisition for the projects, leading to muted ordering activity.
- Most players have healthy order book-to-sales ratios in the range of 3.5x-4.5x its TTM revenues. In our view, one of the key monitorables would be execution as FCs for most of the HAM projects awarded in the month of Feb/Mar'18 have been completed within the stipulated time; however, appointed dates are still awaited and are likely to be obtained by 4QFY19.
- Urban Infra continues to witness traction, especially Metro projects. Work on the majority the Mumbai metro lines is on full swing and revenue traction is gaining momentum. Further, the initial soil testing and construction activity on key projects such as the Mumbai Coastal Road, Versova Bandra Sea-Link, Mumbai Trans-harbor Link, and the Zozila Tunnel have started and is expected to gain pace in FY20.
- Q3 is seasonally one of the strongest quarters for infra players, and we expect our universe to report ~30% top-line growth, mainly due to a low base from last year. In our view, the key monitorable would be the pace of execution, working capital cycle management, and leverage of the companies. A few players have already raised funds and placed themselves in a comfortable position before execution gains pace.
- Our top picks in the sector are Sadbhav Engineering, KNR Constructions, ITD Cementation, PNC Infratech, and Ashoka Buildcon on account of the low leverage on their standalone balance sheets, prudent working capital cycle, and comfortable order book positions.

| Name                  |          |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-----------------------|----------|-------------------|---------|--------|--------|--------------|--------------|--|
| Container Corporation | of India |                   |         |        |        |              |              |  |
| CMP(Rs)               | 680      | Net Sales (Rs mn) | 18,126  | 18,223 | 16,396 | 10.6%        | -0.5%        | We expect CONCOR to report a top-line of ~Rs18bn, up 10.6% yoy, on healthy volume growth in both the segment EXIM (up 11.6% yoy) and Domestic (up 16%). On the EBITDA            |
| Mkt Cap (Rs bn)       | 332      | EBITDA (Rs mn)    | 4,441   | 5,042  | 4,456  | -0.3%        | -11.9%       |  |
| Reco                  | Buy      | EBITDA Margin (%) | 24.5    | 27.7   | 27.2   | -268 bps     | -317 bps     | margins front, we expect the company to report blended margins of 24.5% on a hike in realization for value-added   |
| Target Price (Rs)     | 732      | PAT (Rs mn)       | 2,992   | 3,361  | 2,891  | 3.5%         | -11.0%       | services, rise in double stacking and strong operational efficiency.   |
| % Upside              | 8%       | EPS (Rs)          | 6.1     | 6.9    | 5.9    | 3.5%         | -11.0%       |  |
| IRB Infrastructure    |          |                   |         |        |        |              |              |  |
| CMP(Rs)               | 160      | Net Sales (Rs mn) | 14,944  | 14,323 | 12,962 | 15.3%        | 4.3%         | with an EBITDAM of 46%.  |
| Mkt Cap (Rs bn)       | 56       | EBITDA (Rs mn)    | 6,874   | 6,701  | 6,303  | 9.1%         | 2.6%         |  |
| Reco                  | Buy      | EBITDA Margin (%) | 46.0    | 46.8   | 48.6   | -263 bps     | -79 bps      |  |
| Target Price (Rs)     | 289      | PAT (Rs mn)       | 2,070   | 1,729  | 2,073  | -0.2%        | 19.7%        |  |
| % Upside              | 81%      | EPS (Rs)          | 5.9     | 4.9    | 5.9    | -0.2%        | 19.7%        |  |
| Ahluwalia Contracts   |          |                   |         |        |        |              |              |  |
| CMP(Rs)               | 326      | Net Sales (Rs mn) | 5,069   | 4,392  | 3,611  | 40.4%        | 15.4%        | We expect 40% yoy growth in Q3 on the back of strong execution in its key projects. ACIL has negligible debt and is on course to attain its goal of a debt-free status by FY20E. |
| Mkt Cap (Rs bn)       | 22       | EBITDA (Rs mn)    | 660     | 574    | 625    | 5.6%         | 14.8%        |  |
| Reco                  | Buy      | EBITDA Margin (%) | 13.0    | 13.1   | 17.3   | -428 bps     | -6 bps       |  |
| Target Price (Rs)     | 406      | PAT (Rs mn)       | 366     | 312    | 292    | 25.4%        | 17.3%        |  |
| % Upside              | 24%      | EPS (Rs)          | 5.5     | 4.7    | 4.4    | 25.4%        | 17.3%        |  |

| Name                |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|---------------------|-----|-------------------|---------|--------|--------|--------------|--------------|---|
| Sadbhav Engineering | l   |                   |         |        |        |              |              |   |
| CMP(Rs)             | 225 | Net Sales (Rs mn) | 9,977   | 6,906  | 9,351  | 6.7%         | 44.5%        | We expect Sadbhav Engineering to report single-digit revenue growth (6.7% yoy) as many of its HAM projects are yet to receive the appointed dates. Monetization of its assets, status of appointed date for projects worth Rs78bn, and repayment of loans from SIPL would be the key monitorable. |
| Mkt Cap (Rs bn)     | 39  | EBITDA (Rs mn)    | 1,197   | 833    | 1,056  | 13.3%        | 43.6%        |   |
| Reco                | Buy | EBITDA Margin (%) | 12.0    | 12.1   | 11.3   | 70 bps       | -7 bps       |   |
| Target Price (Rs)   | 340 | PAT (Rs mn)       | 628     | 383    | 618    | 1.6%         | 64.0%        |   |
| % Upside            | 51% | EPS (Rs)          | 3.7     | 2.2    | 3.6    | 1.6%         | 64.0%        |   |
| Ashoka Buildcon     |     |                   |         |        |        |              |              |   |
| CMP(Rs)             | 135 | Net Sales (Rs mn) | 8,427   | 7,644  | 6,589  | 27.9%        | 10.2%        | the trend to continue on the back of a lower base.  |
| Mkt Cap (Rs bn)     | 38  | EBITDA (Rs mn)    | 1,096   | 1,037  | 746    | 46.9%        | 5.7%         |   |
| Reco                | Buy | EBITDA Margin (%) | 13.0    | 13.6   | 11.3   | 168 bps      | -56 bps      |   |
| Target Price (Rs)   | 197 | PAT (Rs mn)       | 676     | 621    | 470    | 43.9%        | 8.9%         |   |
| % Upside            | 45% | EPS (Rs)          | 2.4     | 2.2    | 1.7    | 43.9%        | 8.9%         |   |
| NCC                 |     |                   |         |        |        |              |              |   |
| CMP(Rs)             | 89  | Net Sales (Rs mn) | 32,385  | 31,048 | 18,507 | 75.0%        | 4.3%         | recently concluded QIP should aid the company control its interest costs and maintain its leverage. The monetization of   |
| Mkt Cap (Rs bn)     | 53  | EBITDA (Rs mn)    | 3,718   | 3,651  | 2,551  | 45.7%        | 1.8%         |   |
| Reco                | Buy | EBITDA Margin (%) | 11.5    | 11.8   | 13.8   | -230 bps     | -28 bps      |   |
| Target Price (Rs)   | 146 | PAT (Rs mn)       | 1,671   | 1,732  | 1,304  | 28.2%        | -3.5%        |   |
| % Upside            | 64% | EPS (Rs)          | 2.8     | 2.9    | 2.2    | 28.2%        | -3.5%        |   |

| Name              |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-----|-------------------|---------|--------|--------|--------------|--------------|--|
| PNC Infratech     |     |                   |         |        |        |              |              |  |
| CMP(Rs)           | 147 | Net Sales (Rs mn) | 7,055   | 5,586  | 4,725  | 49.3%        | 26.3%        | We expect strong execution as the majority of the key EPC projects have got the requisite approvals and have started contributing to its top-line. On account of a lower base, we  |
| Mkt Cap (Rs bn)   | 38  | EBITDA (Rs mn)    | 917     | 746    | 663    | 38.4%        | 22.9%        |  |
| Reco              | Buy | EBITDA Margin (%) | 13.0    | 13.4   | 14.0   | -103 bps     | -35 bps      | expect 49% yoy growth in the top-line with an EBITDAM of 13%. PNC is in advanced talks to monetize one its assets.   |
| Target Price (Rs) | 186 | PAT (Rs mn)       | 477     | 351    | 931    | -48.7%       | 36.0%        | This should aid the company in meeting its HAM equity requirements. Given the low leverage and better working  |
| % Upside          | 26% | EPS (Rs)          | 1.9     | 1.4    | 3.6    | -48.7%       | 36.0%        | capital cycle, interest costs are likely to remain under control.  |
| ITD Cementation   |     |                   |         |        |        |              |              |  |
| CMP(Rs)           | 116 | Net Sales (Rs mn) | 6,544   | 6,204  | 5,749  | 13.8%        | 5.5%         |  |
| Mkt Cap (Rs bn)   | 20  | EBITDA (Rs mn)    | 785     | 781    | 786    | 0.0%         | 0.5%         |  |
| Reco              | Buy | EBITDA Margin (%) | 12.0    | 12.6   | 13.7   | (166)        | (59)         |  |
| Target Price (Rs) | 162 | PAT (Rs mn)       | 278     | 274    | 177    | 57%          | 1.6%         |  |
| % Upside          | 40% | EPS (Rs)          | 1.6     | 1.6    | 1.0    | 57%          | 1.6%         |  |
| KNR Construction  |     |                   |         |        |        |              |              |  |
| CMP(Rs)           | 215 | Net Sales (Rs mn) | 4,605   | 4,163  | 4,332  | 6.3%         | 10.6%        | We expect 6% yoy top-line growth for the company as<br>appointed dates for HAM projects are yet to come and a few<br>of its EPC projects are facing headwinds. As a result,<br>execution is impacted. Appointed dates for its HAM projects<br>and new order inflows would be the key monitorables. |
| Mkt Cap (Rs bn)   | 30  | EBITDA (Rs mn)    | 806     | 831    | 984    | -18.1%       | -3.1%        |  |
| Reco              | Buy | EBITDA Margin (%) | 17.5    | 20.0   | 22.7   | -521 bps     | -247 bps     |  |
| Target Price (Rs) | 274 | PAT (Rs mn)       | 325     | 450    | 657    | -50.6%       | -27.8%       |  |
| % Upside          | 28% | EPS (Rs)          | 2.3     | 3.2    | 4.7    | -50.6%       | -27.8%       |  |

| Name                  |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-----------------------|-----|-------------------|---------|--------|--------|--------------|--------------|--|
| Simplex Infrastructur | e   |                   |         |        |        |              |              |  |
| CMP(Rs)               | 191 | Net Sales (Rs mn) | 17,062  | 14,791 | 13,601 | 25.4%        | 15.4%        | We expect ~25% yoy growth in the top-line on healthy execution of its strong order book. Profitability is taking a hit on account of high leverage and hence we expect the   |
| Mkt Cap (Rs bn)       | 11  | EBITDA (Rs mn)    | 1,877   | 1,760  | 1,684  | 11.4%        | 6.6%         |  |
| Reco                  | Buy | EBITDA Margin (%) | 11.0    | 11.9   | 12.4   | -138 bps     | -90 bps      | profitability to remain under pressure. Working capital management and recovery of dues will be the key to improve   |
| Target Price (Rs)     | 312 | PAT (Rs mn)       | 386     | 244    | 311    | 24.1%        | 58.0%        | earnings growth.   |
| % Upside              | 64% | EPS (Rs)          | 6.8     | 4.3    | 5.5    | 24.1%        | 58.0%        |  |
| J Kumar               |     |                   |         |        |        |              |              |  |
| CMP(Rs)               | 130 | Net Sales (Rs mn) | 6,065   | 5,147  | 4,572  | 32.7%        | 17.8%        | emerges.   |
| Mkt Cap (Rs bn)       | 10  | EBITDA (Rs mn)    | 989     | 910    | 776    | 27.3%        | 8.7%         |  |
| Reco                  | Ur  | EBITDA Margin (%) | 16.3    | 17.7   | 17.0   | -68 bps      | -137 bps     |  |
| Target Price (Rs)     | -   | PAT (Rs mn)       | 397     | 354    | 329    | 20.5%        | 12.1%        |  |
| % Upside              | -   | EPS (Rs)          | 5.2     | 4.7    | 4.4    | 20.5%        | 12.1%        |  |
| NBCC                  |     |                   |         |        |        |              |              |  |
| CMP(Rs)               | 62  | Net Sales (Rs mn) | 18,956  | 14,059 | 15,115 | 25.4%        | 34.8%        | We expect 25% growth yoy given the strong order book and<br>order tendering. We continue to expect 25% revenue CAGF<br>for next 2-3 years, driven by its robust order book. Given that<br>company has negative working capital cycle and strong<br>balance sheet, we expect healthy growth in profitability. |
| Mkt Cap (Rs bn)       | 112 | EBITDA (Rs mn)    | 765     | 456    | 750    | 1.9%         | 67.6%        |  |
| Reco                  | Buy | EBITDA Margin (%) | 4.0     | 3.2    | 5.0    | -93 bps      | 79 bps       |  |
| Target Price (Rs)     | 115 | PAT (Rs mn)       | 832     | 728    | 733    | 13.5%        | 14.3%        |  |
| % Upside              | 84% | EPS (Rs)          | 0.5     | 0.4    | 0.4    | 13.5%        | 14.3%        |  |

### **Consumer Goods**

We expect companies in our consumer goods universe to post healthy revenue/EBITDA/PAT growth of 12%/15%/17% in Q3FY19. Despite higher comparables, most companies should report strong volume (7-13%) growth, driven by the continued recovery in rural demand. We expect gross margin to contract marginally due to input cost inflation; however, cost saving efficiencies and the benefit of operating leverage would still drive modest EBITDA margin expansion for our universe.

Within staples we expect strong performance from Nestle, Britannia, Marico and Hindustan Unilever (HUL) with earnings growth of 18-20% on steady volume growth and margin improvement. United Breweries (UBL) and United Spirits (UNSP) to record another quarter of strong 60-100% earnings growth, driven by robust volumes and margin expansion on lower comparables. We expect paint companies to report a strong volume performance. Although margins will recover sequentially, earnings growth will be lower. We prefer United Breweries, Nestle and Marico.

- Strong volume growth on continued buoyancy in demand: Our channel checks and management interactions suggest steady volume growth trend for companies in our consumer goods universe, despite the higher comparables. In staples, we expect high single-digit to low double-digit volume growth with HUL, Nestle, and Britannia continuing to outperform its peers. In alcobev, we expect UBL to report volume growth of 12% on recovery in key markets and further market share gains, while UNSP is likely to report volume growth of 7% adjusted to operating model changes, mainly driven by 13% growth in the Prestige and above brands. In paints, we expect strong volume growth momentum to continue and expect Asian Paints and Berger Paints to report volume growth of 11-12%.
- Cost-saving initiatives and operating leverage to aid margin expansion: Strong margin gains are expected in alcobev space, with UBL and UNSP benefitting from favorable comparables and strong growth in higher margin markets. After a weak H1, we expect Marico to start benefitting from correction in copra prices, resulting in a 300bps gross margin expansion qoq. Nestle, Britannia and GSK Consumer to report moderate margin expansion of 50-70bps. While most of HPC will face margin pressure, we expect HUL to report margin gains on price hikes and cost savings. In paints, we expect margins to be impacted by high input costs, however margin decline will be lower sequentially.
- Key monitorables: Management commentary on volume growth outlook; margin trends particularly in paints, and market share trend for Colgate.

| Name                 |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|----------------------|-------|-------------------|---------|--------|--------|--------------|--------------|--|
| Britannia Industries |       |                   |         |        |        |              |              |  |
| CMP(Rs)              | 3,090 | Net Sales (Rs mn) | 28,790  | 28,696 | 25,675 | 12.1%        | 0.3%         | We estimate 10% volume growth. International and dairy   |
| Mkt Cap (Rs bn)      | 742   | EBITDA (Rs mn)    | 4,679   | 4,544  | 3,984  | 17.5%        | 3.0%         | businesses will remain muted due to rationalization of the portfolio.  |
| Reco                 | Hold  | EBITDA Margin (%) | 16.3    | 15.8   | 15.5   | 74 bps       | 42 bps       | Low priced inventory and cost saving initiatives will help the company to report margin expansion.                             |
| Target Price (Rs)    | 2,950 | PAT (Rs mn)       | 3,131   | 3,030  | 2,637  | 18.8%        | 3.3%         | company to report margin expansion.  |
| % Upside             | -5%   | EPS (Rs)          | 13.0    | 12.6   | 11.0   | 18.8%        | 3.3%         |  |
| Colgate-Palmolive    |       |                   |         |        |        |              |              |  |
| CMP(Rs)              | 1,311 | Net Sales (Rs mn) | 11,367  | 11,680 | 10,333 | 10.0%        | -2.7%        | Pan-India rollout and aggressive pricing of Swarna Vedshakti   |
| Mkt Cap (Rs bn)      | 357   | EBITDA (Rs mn)    | 3,117   | 3,296  | 2,824  | 10.4%        | -5.4%        | along with higher promotions to improve volume growth to 8%.<br>Price/mix increase to be lower at 2% due to increased          |
| Reco                 | Hold  | EBITDA Margin (%) | 27.4    | 28.2   | 27.3   | 9 bps        | -79 bps      | promotional intensity.<br>Margins are expected to remain muted due to input cost   |
| Target Price (Rs)    | 1,200 | PAT (Rs mn)       | 1,856   | 1,923  | 1,635  | 13.5%        | -3.5%        |  |
| % Upside             | -8%   | EPS (Rs)          | 6.8     | 7.1    | 6.0    | 13.5%        | -3.5%        | Note: PAT for Sep'18 and Dec'17 excludes exceptional items.  |
| Dabur India          |       |                   |         |        |        |              |              |  |
| CMP(Rs)              | 416   | Net Sales (Rs mn) | 21,527  | 21,250 | 19,664 | 9.5%         | 1.3%         | Domestic sales growth estimated at 10% on 8% volume  |
| Mkt Cap (Rs bn)      | 735   | EBITDA (Rs mn)    | 4,436   | 4,508  | 4,035  | 9.9%         | -1.6%        | growth. Competitive activity remains higher in hair oil and oral care. Foods to report slower growth despite a delayed festive |
| Reco                 | Hold  | EBITDA Margin (%) | 20.6    | 21.2   | 20.5   | 9 bps        | -61 bps      | season.  |
| Target Price (Rs)    | 400   | PAT (Rs mn)       | 3,704   | 3,776  | 3,330  | 11.2%        | -1.9%        | International business to grow 8% marginally, impacted by currency depreciation (Turkey) and slow recovery in the GCC.         |
| % Upside             | -4%   | EPS (Rs)          | 2.1     | 2.1    | 1.9    | 11.2%        | -1.9%        | Higher overheads (esp. employee cost due to ESOPs) would arrest margin expansion.  |

| Name              |                     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|---------------------|-------------------|---------|--------|--------|--------------|--------------|---|
| Emami             |                     |                   |         |        |        |              |              |   |
| CMP(Rs)           | 423                 | Net Sales (Rs mn) | 8,168   | 6,280  | 7,566  | 7.9%         | 30.1%        | We expect a gradual recovery in revenue growth after a  |
| Mkt Cap (Rs bn)   | 192                 | EBITDA (Rs mn)    | 2,831   | 1,894  | 2,647  | 6.9%         | 49.5%        | disappointing Q2FY19 on the back of double-digit growth in exports and stabilization of CSD channel.              |
| Reco              | Hold                | EBITDA Margin (%) | 34.7    | 30.2   | 35.0   | -33 bps      | 450 bps      | Margins to remain soft due to high input inflation and lower growth.  |
| Target Price (Rs) | 450                 | PAT (Rs mn)       | 2,080   | 1,300  | 1,962  | 6.0%         | 60.1%        | Note: PAT excludes goodwill amortization of Kesh King.  |
| % Upside          | 6%                  | EPS (Rs)          | 4.6     | 2.9    | 4.3    | 6.0%         | 60.1%        |   |
| Godrej Consumer   |                     |                   |         |        |        |              |              |   |
| CMP(Rs)           | 779                 | Net Sales (Rs mn) | 27,946  | 26,592 | 26,303 | 6.2%         | 5.1%         | Expect a gradual recovery in HI category, but domestic revenue growth to be muted at 10% due to high comparables. |
| Mkt Cap (Rs bn)   | 797                 | EBITDA (Rs mn)    | 6,341   | 4,865  | 5,987  | 5.9%         | 30.3%        | Margin recovery in Africa and stable performance in Indonesia   |
| Reco              | Accumulate          | EBITDA Margin (%) | 22.7    | 18.3   | 22.8   | -7 bps       | 440 bps      | expected to improve its international performance   |
| Target Price (Rs) | 800                 | PAT (Rs mn)       | 4,506   | 3,580  | 4,230  | 6.5%         | 25.9%        | Note: PAT for Sep'18 and Dec'17 excludes exceptional items.   |
| % Upside          | 3%                  | EPS (Rs)          | 4.4     | 3.5    | 4.1    | 6.5%         | 25.9%        |   |
| GSK Consumer      |                     |                   |         |        |        |              |              |   |
| CMP(Rs)           | 7,452               | Net Sales (Rs mn) | 11,369  | 12,720 | 10,347 | 9.9%         | -10.6%       | Revenue growth would come on the back of domestic volume  |
| Mkt Cap (Rs bn)   | 313                 | EBITDA (Rs mn)    | 2,309   | 3,537  | 2,040  | 13.2%        | -34.7%       | growth of 8% and 20% growth in exports.<br>Lower raw material prices (mainly SMP and Sugar) and cost              |
| Reco              | Rating<br>Suspended | EBITDA Margin (%) | 20.3    | 27.8   | 19.7   | 59 bps       | -750 bps     | saving initiatives to aid margin expansion.   |
| Target Price (Rs) | NA                  | PAT (Rs mn)       | 1,969   | 2,755  | 1,637  | 20.3%        | -28.5%       |   |
| % Upside          | NA                  | EPS (Rs)          | 8,168   | 6,280  | 7,566  | 7.9%         | 30.1%        |   |

| Name               |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|--------------------|------------|-------------------|---------|--------|--------|--------------|--------------|---|
| Hindustan Unilever |            |                   |         |        |        |              |              |   |
| CMP(Rs)            | 1,771      | Net Sales (Rs mn) | 95,180  | 92,340 | 85,900 | 10.8%        | 3.1%         | Expect a stable quarter with broad-based volume growth of   |
| Mkt Cap (Rs bn)    | 3,833      | EBITDA (Rs mn)    | 19,801  | 20,190 | 16,800 | 17.9%        | -1.9%        | 8%. We estimate Home care/ Personal care/ Foods and Refreshment to deliver revenue growth of 13%/11%/11%.       |
| Reco               | Accumulate | EBITDA Margin (%) | 20.8    | 21.9   | 19.6   | 125 bps      | -106 bps     | Selective price hikes and cost saving efficiencies would drive margin expansion.                                |
| Target Price (Rs)  | 1,900      | PAT (Rs mn)       | 14,248  | 15,220 | 11,980 | 18.9%        | -6.4%        | Note: PAT (bei) for Sep'18 and Dec'17 excludes exceptional items.   |
| % Upside           | 7%         | EPS (Rs)          | 6.6     | 7.0    | 5.5    | 18.9%        | -6.4%        |   |
| Marico             |            |                   |         |        |        |              |              |   |
| CMP(Rs)            | 382        | Net Sales (Rs mn) | 18,678  | 18,368 | 16,243 | 15.0%        | 1.7%         | We estimate volume growth in Parachute/Saffola/VAHO of 8%/5%/9%. International business is expected to post 13% |
| Mkt Cap (Rs bn)    | 493        | EBITDA (Rs mn)    | 3,593   | 2,941  | 3,021  | 18.9%        | 22.2%        |   |
| Reco               | Accumulate | EBITDA Margin (%) | 19.2    | 16.0   | 18.6   | 64 bps       | 323 bps      | Margins will improve on copra price correction and the benefit of operating leverage.                           |
| Target Price (Rs)  | 390        | PAT (Rs mn)       | 2,644   | 2,183  | 2,233  | 18.4%        | 21.2%        | or operating leverage.  |
| % Upside           | 2%         | EPS (Rs)          | 2.0     | 1.7    | 1.7    | 18.5%        | 21.2%        |   |
| Nestle India       |            |                   |         |        |        |              |              |   |
| CMP(Rs)            | 11,005     | Net Sales (Rs mn) | 29,799  | 29,394 | 26,015 | 14.5%        | 1.4%         | New product launches would continue to drive double-digit volume growth in its domestic business.               |
| Mkt Cap (Rs bn)    | 1,061      | EBITDA (Rs mn)    | 7,255   | 7,146  | 6,215  | 16.7%        | 1.5%         | We expect margin expansion on benign raw material prices,   |
| Reco               | Accumulate | EBITDA Margin (%) | 24.3    | 24.3   | 23.9   | 45 bps       | 4 bps        | while increase in operating efficiencies to drive strong earnings.  |
| Target Price (Rs)  | 11,000     | PAT (Rs mn)       | 4,725   | 4,573  | 3,945  | 19.8%        | 3.3%         | 5   |
| % Upside           | 0%         | EPS (Rs)          | 49.0    | 47.4   | 40.9   | 19.8%        | 3.3%         |   |

| Name                |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|---------------------|-------|-------------------|---------|--------|--------|--------------|--------------|---|
| Asian Paints        |       |                   |         |        |        |              |              |   |
| CMP(Rs)             | 1,401 | Net Sales (Rs mn) | 48,480  | 46,391 | 42,605 | 13.8%        | 4.5%         | 55  |
| Mkt Cap (Rs bn)     | 1,344 | EBITDA (Rs mn)    | 9,790   | 7,842  | 8,912  | 9.8%         | 24.8%        | drive 11% volume growth. Estimate realization growth of 3.5% factoring in the recent price hikes.                   |
| Reco                | Hold  | EBITDA Margin (%) | 20.2    | 16.9   | 20.9   | -72 bps      | 329 bps      | Margins to recover qoq due to price hikes, but still will be lower yoy as a result of raw material price inflation. |
| Target Price (Rs)   | 1,200 | PAT (Rs mn)       | 6,144   | 4,928  | 5,546  | 10.8%        | 24.7%        | yoy as a result of raw material price initiation.   |
| % Upside            | -14%  | EPS (Rs)          | 6.4     | 5.1    | 5.8    | 10.8%        | 24.7%        |   |
| Berger Paints       |       |                   |         |        |        |              |              |   |
| CMP(Rs)             | 324   | Net Sales (Rs mn) | 15,455  | 14,901 | 13,386 | 15.5%        | 3.7%         |   |
| Mkt Cap (Rs bn)     | 314   | EBITDA (Rs mn)    | 2,473   | 2,068  | 2,226  | 11.1%        | 19.6%        | <ul><li>3.5%, respectively</li><li>Margins are likely to contract due to inflation in raw material</li></ul>        |
| Reco                | Hold  | EBITDA Margin (%) | 16.0    | 13.9   | 16.6   | -62 bps      | 213 bps      | prices.   |
| Target Price (Rs)   | 300   | PAT (Rs mn)       | 1,479   | 1,173  | 1,304  | 13.4%        | 26.1%        |   |
| % Upside            | -7%   | EPS (Rs)          | 1.5     | 1.2    | 1.3    | 13.4%        | 26.1%        |   |
| Pidilite Industries |       |                   |         |        |        |              |              |   |
| CMP(Rs)             | 1,106 | Net Sales (Rs mn) | 17,589  | 17,574 | 15,429 | 14.0%        | 0.1%         | Domestic revenue to grow by 11.5%, driven by 9% volume  |
| Mkt Cap (Rs bn)     | 562   | EBITDA (Rs mn)    | 3,861   | 3,648  | 3,703  | 4.3%         | 5.8%         | growth in the consumer bazaar segment. Other businesses likely to report good growth due to inorganic growth.       |
| Reco                | Hold  | EBITDA Margin (%) | 22.0    | 20.8   | 24.0   | -205 bps     | 119 bps      | Margins will witness a contraction due to raw material price inflation (mainly VAM – up 15% yoy).                   |
| Target Price (Rs)   | 1,000 | PAT (Rs mn)       | 2,456   | 2,312  | 2,398  | 2.4%         | 6.2%         | innation (mainty vAlvi – up 1376 yoy).  |
| % Upside            | -10%  | EPS (Rs)          | 4.8     | 4.5    | 4.7    | 2.4%         | 6.2%         |   |

| Name              |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-------|-------------------|---------|--------|--------|--------------|--------------|--|
| United Breweries  |       |                   |         |        |        |              |              |  |
| CMP(Rs)           | 1,411 | Net Sales (Rs mn) | 13,810  | 15,260 | 11,971 | 15.4%        | -9.5%        | UBL to report 12% volume growth, led by strong growth in key                               |
| Mkt Cap (Rs bn)   | 373   | EBITDA (Rs mn)    | 2,123   | 3,182  | 1,526  | 39.1%        | -33.3%       | markets and share gains.<br>Margins are expected to improve with the recovery of           |
| Reco              | Buy   | EBITDA Margin (%) | 15.4    | 20.9   | 12.7   | 262 bps      | -548 bps     | profitable states and benefit of operating leverage.                                       |
| Target Price (Rs) | 1,550 | PAT (Rs mn)       | 956     | 1,638  | 474    | 101.7%       | -41.6%       |  |
| % Upside          | 10%   | EPS (Rs)          | 3.6     | 6.2    | 1.8    | 101.7%       | -41.6%       |  |
| United Spirits    |       |                   |         |        |        |              |              |  |
| CMP(Rs)           | 600   | Net Sales (Rs mn) | 25,273  | 22,281 | 22,633 | 11.7%        | 13.4%        | P&A/Popular brands to report volume growth of 13%/2% and                                   |
| Mkt Cap (Rs bn)   | 436   | EBITDA (Rs mn)    | 4,020   | 4,324  | 2,723  | 47.6%        | -7.0%        | realization growth of 3%/1%.<br>We expect margins to improve with better state/product mix |
| Reco              | Hold  | EBITDA Margin (%) | 15.9    | 19.4   | 12.0   | 387 bps      | -350 bps     | and benefit of cost saving initiatives.  |
| Target Price (Rs) | 650   | PAT (Rs mn)       | 2,356   | 2,586  | 1,473  | 59.9%        | -8.9%        | Note: PAT for Dec'17 excludes exceptional items.   |
| % Upside          | 8%    | EPS (Rs)          | 3.2     | 3.6    | 2.0    | 59.9%        | -8.9%        |  |
| Heritage Foods    |       |                   |         |        |        |              |              |  |
| CMP(Rs)           | 526   | Net Sales (Rs mn) | 5,924   | 6,194  | 5,789  | 2.3%         | -4.4%        | VADP to increase by 14% driven by higher growth in curd                                    |
| Mkt Cap (Rs bn)   | 24    | EBITDA (Rs mn)    | 447     | 487    | 376    | 18.8%        | -8.2%        | business. Liquid milk sales would be impacted due to lower realization.                    |
| Reco              | Buy   | EBITDA Margin (%) | 7.5     | 7.9    | 6.5    | 105 bps      | -32 bps      | Margins to expand due to rationalization of Reliance Dairy business in North India.        |
| Target Price (Rs) | 710   | PAT (Rs mn)       | 205     | 212    | 167    | 22.6%        | -3.2%        |  |
| % Upside          | 35%   | EPS (Rs)          | 4.4     | 4.6    | 3.6    | 22.6%        | -3.2%        |  |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Commonts  |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|---|
| Parag Milk Foods  |            |                   |         |        |        |              |              |   |
| CMP(Rs)           | 244        | Net Sales (Rs mn) | 5,851   | 5,735  | 5,193  | 12.7%        | 2.0%         |   |
| Mkt Cap (Rs bn)   | 21         | EBITDA (Rs mn)    | 615     | 581    | 588    | 4.6%         | 5.8%         | and strong festive demand.<br>EBITDA margin set to contract owing to higher overheads,                                    |
| Reco              | Hold       | EBITDA Margin (%) | 10.5    | 10.1   | 11.3   | -81 bps      | 38 bps       |   |
| Target Price (Rs) | 285        | PAT (Rs mn)       | 273     | 304    | 255    | 7.2%         | -10.3%       |   |
| % Upside          | 17%        | EPS (Rs)          | 3.3     | 3.6    | 3.0    | 7.2%         | -10.3%       |   |
| Prabhat Dairy     |            |                   |         |        |        |              |              |   |
| CMP(Rs)           | 94         | Net Sales (Rs mn) | 4,411   | 4,184  | 4,039  | 9.2%         | 5.4%         | Revenue growth to be driven by higher growth in liquid milk   |
| Mkt Cap (Rs bn)   | 9          | EBITDA (Rs mn)    | 406     | 393    | 375    | 8.3%         | 3.2%         | business.   |
| Reco              | Accumulate | EBITDA Margin (%) | 9.2     | 9.4    | 9.3    | -8 bps       | -20 bps      | Margins are likely to remain muted as a result of investments to widen its distribution network for VADP and liquid milk. |
| Target Price (Rs) | 187        | PAT (Rs mn)       | 131     | 124    | 148    | -11.1%       | 6.2%         | PBT would grow by 15%, while PAT would decline by 11% on account of lower tax burden in the base quarter on tax benefit.  |
| % Upside          | 99%        | EPS (Rs)          | 1.3     | 1.3    | 1.5    | -11.1%       | 6.2%         |   |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

The ECG sector is expected to clock 7% yoy revenue growth to Rs249bn, while PAT is likely to increase by 17% yoy to Rs14bn. Some companies in our ECG coverage universe (KECI and Skipper) are set to be impacted by the ongoing liquidity squeeze owing to withdrawal of buyer's credit. We believe that rising working capital debt and finance costs are likely to impact their profitability. Management commentary of ECG companies indicates that they have largely hedged their existing forex exposures (receivables and payables) and do not expect to report any significant forex gains/losses, except for the notional mark-to-market (MTM) gains/losses. Order inflows are expected to slump for most companies, largely due to lack of private sector capex and a moderation in infrastructure spending. At the aggregate level, order inflows will likely decrease by 15% yoy to Rs256bn.

- Revenues are expected to rise by 7% yoy to Rs249bn: While we expect few companies to record double-digit growth on the back of strong order backlogs, other companies in our ECG universe are likely to see only a moderate increase in revenues. We expect strong revenue growth in Siemens (+19% yoy), KPP (+15% yoy), KEC (+15% yoy), KKC (+12% yoy), TMX (+11% yoy), BLSTR (+11% yoy) and DYTC (+9% yoy). GETD's revenues are expected to fall 13% yoy. Other companies in our ECG universe are expected to register moderate revenue growth -TRIV (+5% yoy), ABB (+4% yoy), BHEL (+3% yoy), Voltas (+3% yoy) and Skipper (+3% yoy).
- EBITDAM to improve by 40bps to 9.1%: Margin expansion will likely be driven by DYTC (+374bps), TRIV (+197bps), KKC (+148bps), Voltas (+141bps), BHEL (+99bps), ABB (+44bps), KPP (+28bps), GET&D (+28bps) and BLSTR (+22bps). On the contrary, remaining companies under the ECG universe are expected to record a fall in EBITDAM Skipper (-345bps), Siemens (-138bps) and KEC (-15bps).
- Expect 17% yoy net profit increase to Rs14bn: Except for Skipper, PAT growth is expected across all companies in our ECG coverage BHEL (+37% yoy), TRIV (+28% yoy), BLSTR (+27% yoy), KPP (+25% yoy), GET&D (+21% yoy), ABB (18% yoy), TMX (+17% yoy), KKC (+15% yoy), Voltas (+15% yoy) and Siemens (+4% yoy). KEC's PAT is expected to remain flat, while Skipper is likely to post a 7.7% yoy decrease in PAT.
- Aggregate inflows likely to decline by 15% yoy to about Rs256bn: Except for TRIV, order inflows are likely to decrease across all ECG companies - ABB (Rs20bn, -31% yoy), BHEL (Rs100bn, -17% yoy), TMX (Rs12bn, -15% yoy), KPP(Rs24bn, -15% yoy), BLSTR (Rs5bn, -12% yoy), KEC (Rs50bn, -10% yoy), Siemens (Rs30bn, -8% yoy), GET&D (Rs7.5bn, -4%yoy) and Voltas (Rs5.5bn, -1% yoy). We expect TRIV to record 9% yoy growth in order inflows at Rs1.8bn.
- Emkay's preferred stock picks: Our selection is purely driven by revenue visibility, cash flows, and RoIC of the business models. We are biased toward companies with significant international business exposure and robust order backlogs, especially in T&D and infra projects. Our preferred stock picks include KECI, KPTL, and KKC.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|---|
| BHEL              |            |                   |         |        |        |              |              |   |
| CMP(Rs)           | 71         | Net Sales (Rs mn) | 69,361  | 67,799 | 67,052 | 3.4%         | 2.3%         | Revenues are expected to increase by 3% yoy to Rs69.4bn.  |
| Mkt Cap (Rs bn)   | 262        | EBITDA (Rs mn)    | 3,812   | 2,408  | 3,021  | 26.2%        | 58.3%        | We expect the EBITM in power and industrial segment to be<br>at 10% and 5% respectively. PAT is expected to increase by |
| Reco              | Accumulate | EBITDA Margin (%) | 5.5     | 3.6    | 4.5    | 99 bps       | 194 bps      | 37% yoy at ~Rs2.1bn. Order inflows are expected to decline by 17% yoy to Rs100bn.                                       |
| Target Price (Rs) | 81         | PAT (Rs mn)       | 2,095   | 1,852  | 1,532  | 36.8%        | 13.1%        |   |
| % Upside          | 14%        | EPS (Rs)          | 0.6     | 0.5    | 0.4    | 36.8%        | 13.1%        |   |
| Cummins India     |            |                   |         |        |        |              |              |   |
| CMP(Rs)           | 847        | Net Sales (Rs mn) | 15,162  | 14,869 | 13,547 | 11.9%        | 2.0%         | Cummins is expected to report 12% yoy increase in revenues  |
| Mkt Cap (Rs bn)   | 235        | EBITDA (Rs mn)    | 2,426   | 2,509  | 1,967  | 23.3%        | -3.3%        | at Rs 15bn. EBITDAM is expected to increase by 148bps yoy to 16%. APAT is likely to increase by ~15% yoy to Rs1.9bn.    |
| Reco              | Accumulate | EBITDA Margin (%) | 16.0    | 16.9   | 14.5   | 148 bps      | -87 bps      |   |
| Target Price (Rs) | 855        | PAT (Rs mn)       | 1,979   | 2,116  | 1,722  | 15.0%        | -6.4%        |   |
| % Upside          | 1%         | EPS (Rs)          | 7.1     | 7.6    | 6.2    | 15.0%        | -6.4%        |   |
| Thermax           |            |                   |         |        |        |              |              |   |
| CMP(Rs)           | 1,152      | Net Sales (Rs mn) | 12,416  | 14,276 | 11,170 | 11.2%        | -13.0%       | Thermax is expected to report 11% yoy growth in revenues at   |
| Mkt Cap (Rs bn)   | 137        | EBITDA (Rs mn)    | 971     | 1,100  | 955    | 1.8%         | -11.7%       | Rs 12.4bn. EBITDAM is likely to decline by 72bps yoy to 7.8<br>. PAT is expected to increase by 17% yoy to Rs685mn. Or  |
| Reco              | Hold       | EBITDA Margin (%) | 7.8     | 7.7    | 8.5    | -72 bps      | 12 bps       | inflows are expected to decline by 15% yoy to ~Rs12bn.  |
| Target Price (Rs) | 1,047      | PAT (Rs mn)       | 685     | 745    | 586    | 16.9%        | -8.1%        |   |
| % Upside          | -9%        | EPS (Rs)          | 6.1     | 6.6    | 5.2    | 16.9%        | -8.1%        |   |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| Voltas            |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 540        | Net Sales (Rs mn) | 14,202  | 14,214 | 13,747 | 3.3%         | -0.1%        | Revenues are expected to increase by $\sim 3\%$ yoy mainly   |
| Mkt Cap (Rs bn)   | 179        | EBITDA (Rs mn)    | 1,380   | 1,085  | 1,142  | 20.9%        | 27.2%        | impacted by decline in room AC sales : EMPS (+ 10%), EPS (+ 10%), UCP (- 5%). EBITDAM is likely to improve by 141bps |
| Reco              | Hold       | EBITDA Margin (%) | 9.7     | 7.6    | 8.3    | 141 bps      | 208 bps      | yoy to 9.7%. APAT is likely to increase by ~15% yoy to Rs 1,141mn.   |
| Target Price (Rs) | 525        | PAT (Rs mn)       | 1,141   | 1,035  | 995    | 14.7%        | 10.3%        |  |
| % Upside          | -3%        | EPS (Rs)          | 3.5     | 3.1    | 3.0    | 14.7%        | 10.3%        |  |
| Blue Star         |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 611        | Net Sales (Rs mn) | 10,887  | 10,322 | 9,792  | 11.2%        | 5.5%         | Revenues are expected to increase by ~11% to Rs 10.9bn.  |
| Mkt Cap (Rs bn)   | 59         | EBITDA (Rs mn)    | 595     | 581    | 513    | 15.9%        | 2.4%         | Revenues in EMP & PAC ,UP and PEIS segment is expected to grow by 15%, 5% and 10% yoy respectively. EBITDAM is       |
| Reco              | Sell       | EBITDA Margin (%) | 5.5     | 5.6    | 5.2    | 22 bps       | -16 bps      | expected to improve by 22 bps yoy to 5.5%. APAT is expected to increase by ~27% yoy to Rs 238mn.                     |
| Target Price (Rs) | 561        | PAT (Rs mn)       | 238     | 223    | 188    | 26.9%        | 7.0%         |  |
| % Upside          | -8%        | EPS (Rs)          | 2.5     | 2.3    | 2.0    | 26.9%        | 7.0%         |  |
| Triveni Turbine   |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 109        | Net Sales (Rs mn) | 1,739   | 2,172  | 1,656  | 5.0%         | -20.0%       | Triveni Turbine is likely to report 5% yoy growth in revenue at  |
| Mkt Cap (Rs bn)   | 36         | EBITDA (Rs mn)    | 383     | 451    | 332    | 15.3%        | -15.1%       |  |
| Reco              | Accumulate | EBITDA Margin (%) | 22.0    | 20.7   | 20.0   | 197 bps      | 126 bps      | expect the company to report order intake of ~Rs1.8bn.   |
| Target Price (Rs) | 129        | PAT (Rs mn)       | 247     | 301    | 194    | 27.7%        | -17.8%       |  |
| % Upside          | 19%        | EPS (Rs)          | 0.8     | 0.9    | 0.6    | 27.7%        | -17.8%       |  |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| GE T&D India      |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 296        | Net Sales (Rs mn) | 13,379  | 9,933  | 15,376 | -13.0%       | 34.7%        | Revenues are expected to decrease by 13% yoy to Rs13.4bn.  |
| Mkt Cap (Rs bn)   | 76         | EBITDA (Rs mn)    | 1,338   | 921    | 1,494  | -10.5%       | 45.2%        | We expect EBIDTAM to improve by 28bps yoy to 10%. APAT is expected to increase by 21% yoy to Rs868bn. Pace of order    |
| Reco              | Hold       | EBITDA Margin (%) | 10.0    | 9.3    | 9.7    | 28 bps       | 72 bps       | execution and inflows would be the key monitorable.  |
| Target Price (Rs) | 243        | PAT (Rs mn)       | 868     | 515    | 718    | 20.9%        | 68.5%        |  |
| % Upside          | -18%       | EPS (Rs)          | 3.4     | 2.0    | 2.8    | 20.9%        | 68.5%        |  |
| Siemens           |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 1,052      | Net Sales (Rs mn) | 29,034  | 39,392 | 24,295 | 19.5%        | -26.3%       | Siemens is expected to report 20% yoy increase in revenues   |
| Mkt Cap (Rs bn)   | 375        | EBITDA (Rs mn)    | 2,855   | 4,186  | 2,724  | 4.8%         | -31.8%       | at Rs 29bn. EBITDAM is expected to decline by 138bps yoy at 9.8%. APAT is expected to increase by 4% yoy to Rs 1.97bn. |
| Reco              | Accumulate | EBITDA Margin (%) | 9.8     | 10.6   | 11.2   | -138 bps     | -79 bps      |  |
| Target Price (Rs) | 1,119      | PAT (Rs mn)       | 1,977   | 2,792  | 1,905  | 3.8%         | -29.2%       |  |
| % Upside          | 6%         | EPS (Rs)          | 5.6     | 7.8    | 5.4    | 3.8%         | -29.2%       |  |
| АВВ               |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 1,300      | Net Sales (Rs mn) | 29,021  | 25,154 | 27,794 | 4.4%         | 15.4%        | ABB is expected to report revenue growth of 4% yoy to  |
| Mkt Cap (Rs bn)   | 275        | EBITDA (Rs mn)    | 3,194   | 1,940  | 2,937  | 8.8%         | 64.7%        | Rs29bn. EBITDAM is likely to improve by 44bps yoy to 11%. PAT is expected to increase by 18% YoY to Rs2bn.             |
| Reco              | Accumuate  | EBITDA Margin (%) | 11.0    | 7.7    | 10.6   | 44 bps       | 330 bps      |  |
| Target Price (Rs) | 1,596      | PAT (Rs mn)       | 2,028   | 1,083  | 1,715  | 18.2%        | 87.2%        |  |
| % Upside          | 23%        | EPS (Rs)          | 9.6     | 5.1    | 8.1    | 18.2%        | 87.2%        |  |

| Name               |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|--------------------|-------|-------------------|---------|--------|--------|--------------|--------------|--|
| Dynamatic Technolo | gies  |                   |         |        |        |              |              |  |
| CMP(Rs)            | 1,503 | Net Sales (Rs mn) | 3,842   | 3,699  | 3,517  | 9.2%         | 3.9%         | Revenues are expected to increase by 9% yoy to Rs3.8bn.  |
| Mkt Cap (Rs bn)    | 10    | EBITDA (Rs mn)    | 511     | 426    | 336    | 52.0%        | 20.0%        | EBITDAM is expected to improve by 374bps yoy to 13.3%.<br>APAT is expected to increase by 9415% yoy to Rs 105mn.     |
| Reco               | Buy   | EBITDA Margin (%) | 13.3    | 11.5   | 9.6    | 374 bps      | 179 bps      |  |
| Target Price (Rs)  | 2,052 | PAT (Rs mn)       | 105     | 79     | 1      | 9415.3%      | 32.8%        |  |
| % Upside           | 37%   | EPS (Rs)          | 16.5    | 12.4   | 0.2    | 9415.3%      | 32.8%        |  |
| Kalpataru Power    |       |                   |         |        |        |              |              |  |
| CMP(Rs)            | 383   | Net Sales (Rs mn) | 16,300  | 15,741 | 14,174 | 15.0%        | 3.5%         | Kalpataru is expected to report 15% yoy increase in revenues   |
| Mkt Cap (Rs bn)    | 59    | EBITDA (Rs mn)    | 1,793   | 1,709  | 1,520  | 18.0%        | 4.9%         | to Rs16.3bn. EBITDAM is likely to improve by 28bps yoy to Rs11%. APAT is expected to increase by 25% yoy to          |
| Reco               | Buy   | EBITDA Margin (%) | 11.0    | 10.9   | 10.7   | 28 bps       | 14 bps       | Rs939mn. We expect the company to report order inflows of ~Rs24bn.   |
| Target Price (Rs)  | 558   | PAT (Rs mn)       | 939     | 914    | 752    | 24.8%        | 2.8%         |  |
| % Upside           | 46%   | EPS (Rs)          | 6.1     | 6.0    | 4.9    | 24.8%        | 2.8%         |  |
| KEC International  |       |                   |         |        |        |              |              |  |
| CMP(Rs)            | 289   | Net Sales (Rs mn) | 27,657  | 24,085 | 24,049 | 15.0%        | 14.8%        | Revenues are expected to increase by 15% YoY to Rs27.7bn.<br>EBITDAM is likely to decrease by 15bps yoy to 10%. APAT |
| Mkt Cap (Rs bn)    | 74    | EBITDA (Rs mn)    | 2,766   | 2,532  | 2,441  | 13.3%        | 9.2%         | is expected to be flat at Rs1.1bn. We expect the company   |
| Reco               | Buy   | EBITDA Margin (%) | 10.0    | 10.5   | 10.2   | -15 bps      | -51 bps      | report order inflows of ~Rs50bn.   |
| Target Price (Rs)  | 450   | PAT (Rs mn)       | 1,123   | 963    | 1,118  | 0.5%         | 16.6%        |  |
| % Upside           | 56%   | EPS (Rs)          | 4.4     | 3.7    | 4.3    | 0.5%         | 16.6%        |  |

| Name              |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|-----|-------------------|---------|--------|--------|--------------|--------------|---|
| Skipper           |     |                   |         |        |        |              |              |   |
| CMP(Rs)           | 85  | Net Sales (Rs mn) | 5,812   | 5,240  | 5,664  | 2.6%         | 10.9%        |   |
| Mkt Cap (Rs bn)   | 9   | EBITDA (Rs mn)    | 559     | 388    | 741    | -24.5%       | 44.2%        |   |
| Reco              | Buy | EBITDA Margin (%) | 9.6     | 7.4    | 13.1   | -345 bps     | 222 bps      | expected at ~10% and 2% respectively. PAT is expected to decline by 7.7% yoy to Rs269mn |
| Target Price (Rs) | 135 | PAT (Rs mn)       | 269     | 25     | 292    | -7.7%        | 980.4%       |   |
| % Upside          | 58% | EPS (Rs)          | 2.6     | 0.2    | 2.9    | -7.7%        | 980.4%       |   |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

- Expectations for Q3FY19: Q3 has traditionally been a seasonally weak quarter for the Indian IT services industry due to less number of working days and furloughs. We expect 1.5-3.0% CC growth on a qoq basis for large-caps and 2.0-3.5% CC growth on a qoq basis for mid-caps. While the appreciation of the US dollar against all major currencies, such as the EUR, the AUD, and the JPY, will negatively affect growth across companies in USD terms, strong INR depreciation (down ~3.0%/11.4% qoq/yoy) in Q3FY19 should incrementally help record good growth and improvement in margins in reported INR terms (more so, on a yoy basis). We expect cross-currency headwinds of 30-70bps on revenue growth and margin tailwinds of 40-60bps for our coverage universe.
- We expect HCL Tech to top the growth charts among large cap players as it has relatively greater exposure to IPs and Q3 is seasonally a strong quarter for IP sales. However, we do not expect Persistent (which has relatively larger exposure to IP sales among midcaps) to get any meaningful incremental revenues from IP sales, given slow traction in its IBM CE/CLM partnership. We expect other companies in our coverage universe to witness the typical Q3 seasonality due to lower number of working days and furloughs.
- Commentary: We have been hearing cautious commentary from companies (such as Accenture in their Q1 earnings in December) indicating a global economic slowdown amid increasing fears of trade wars and Brexit. This may lead to a reduction in the growth rate of overall IT spends. In addition, certain mid-caps have pointed toward increasing supply-side constraints in their Q2FY19 commentary. We would be watching the commentary of Indian players on these concerns. The commentary related to the impact of recent sharp decline in oil prices and other macro uncertainties will also be monitored.
- Actionables: Given current valuations and our expected earnings, key results that could see some action are: HCL Tech, which could see a re-rating if commentary on organic growth improves further and if it announces a performance update on the IP business; Mphasis sustained performance and positive order book make it attractive; and LTI sector-leading growth driven by its growth-hungry attitude and digital supremacy make it the best mid-cap stock in our coverage.

| Name              |        |                   | Dec'18E  | Sep'18   | Dec'17   | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|--------|-------------------|----------|----------|----------|--------------|--------------|--|
| TCS               |        |                   |          |          |          |              |              | We have built in a 1.7% qoq constant currency (CC) revenue   |
| CMP(Rs)           | 1,894  | Net Sales (Rs mn) | 3,79,085 | 3,68,540 | 3,09,040 | 22.7%        | 2.9%         | growth with a ~70 bps qoq cross currency headwind, leading to 1.0% growth in USD terms. We expect traditional Q3 seasonality   |
| Mkt Cap (Rs bn)   | 7,105  | EBITDA (Rs mn)    | 1,05,765 | 1,02,780 | 82,880   | 27.6%        | 2.9%         | to lead to relatively low growth. Reported growth to be superior by ~200 bps due to INR depreciation during the quarter. We  |
| Reco              | Hold   | EBITDA Margin (%) | 27.9     | 27.9     | 26.8     | 108 bps      | 1 bps        | expect flat margins on a qoq basis as we expect INR depreciation<br>benefits to get deployed into building capable workforce. Key  |
| Target Price (Rs) | 2,100  | PAT (Rs mn)       | 84,014   | 79,010   | 65,310   | 28.6%        | 6.3%         | things to watch out for: (1) Commentary on overall global demand   |
| % Upside          | 11%    | EPS (Rs)          | 22.4     | 21.1     | 17.4     | 28.6%        | 6.3%         | outlook (2) OPM guidance band, going forward and (3)<br>Commentary on steps taken to cope up with the structural<br>changes in the industry  |
| Infosys           |        |                   |          |          |          |              |              | We expect 1.5% and CC growth (with -50 hpc erose europe)   |
| CMP(Rs)           | 670    | Net Sales (Rs mn) | 2,12,773 | 2,06,090 | 1,77,940 | 19.6%        | 3.2%         | We expect 1.5% qoq CC growth (with ~50 bps cross currency headwind). We expect a hit of ~75 bps qoq on profitability due to ramp-up of planned investments: building digital and sales |
| Mkt Cap (Rs bn)   | 2,927  | EBITDA (Rs mn)    | 48,937   | 48,940   | 43,190   | 13.3%        | 0.0%         | capabilities and training of employees as highlighted in the   |
| Reco              | Reduce | EBITDA Margin (%) | 23.0     | 23.7     | 24.3     | -127 bps     | -75 bps      | beginning of the year. We expect adjusted net profits to grow by 12% yoy. On reported basis, it will be negative 19% yoy+ as Q3FY18 had  |
| Target Price (Rs) | 640    | PAT (Rs mn)       | 41,481   | 41,100   | 36,970   | 12.2%        | 0.9%         | a large one-time tax reversal. Key points to focus on: (1) Any revisions in the revenue growth and margin band guidance (2)  |
| % Upside          | -4%    | EPS (Rs)          | 9.5      | 9.4      | 8.5      | 12.1%        | 0.9%         | Continuity of traction in large deal TCV (we believe it would normalize in Q3 on a sequential basis).  |
| Wipro             |        |                   |          |          |          |              |              | After adjusting a reporting change in India Govt. business, we expect  |
| CMP(Rs)           | 326    | Net Sales (Rs mn) | 1,52,944 | 1,46,627 | 1,36,815 | 11.8%        | 4.3%         | 2.0% growth in CC terms in IT services business. A 50 bps CC headwind will lead to 1.5% growth in USD terms. Adjusted for one-   |
| Mkt Cap (Rs bn)   | 1,473  | EBITDA (Rs mn)    | 26,109   | 20,347   | 19,775   | 32.0%        | 28.3%        | time client settlement in Q2FY19, we expect margins to remain flat<br>on a gog basis as we expect small INR depreciation gains to be re-   |
| Reco              | Reduce | EBITDA Margin (%) | 17.1     | 13.9     | 14.5     | 262 bps      | 319 bps      | invested into the business. Key things to watch out for: (1) Q4FY19  |
| Target Price (Rs) | 300    | PAT (Rs mn)       | 23,358   | 18,889   | 19,342   | 202.8%       | 23.7%        | guidance as we believe that guidance below 2-4% qoq growth would<br>be disappointing (2) Any further announcements on rightsizing viz.   |
| ,                 |        |                   |          |          |          |              |              | business hive-offs and (3) outlook on spending on key clients and in geographies amid expectations of a global slowdown  |
| % Upside          | -8%    | EPS (Rs)          | 5.2      | 4.2      | 4.3      | 20.6%        | 23.7%        |  |

| Name              |            |                   | Dec'18E  | Sep'18   | Dec'17   | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|----------|----------|----------|--------------|--------------|--|
| HCL Tech          |            |                   |          |          |          |              |              | We expect 3.0% qoq CC growth and a 50 bps cross-currency   |
| CMP(Rs)           | 945        | Net Sales (Rs mn) | 1,54,723 | 1,48,610 | 1,28,080 | 20.8%        | 4.1%         | headwinds, leading to 2.5% growth in USD terms. We expect  |
| Mkt Cap (Rs bn)   | 1,316      | EBITDA (Rs mn)    | 36,515   | 34,990   | 29,640   | 23.2%        | 4.4%         | operating margins to remain flat on a qoq basis as we expect<br>smaller gains from INR depreciation to be re-invested into the<br>business. Reported profits are expected to grow by ~20% yoy. |
| Reco              | Buy        | EBITDA Margin (%) | 23.6     | 23.5     | 23.1     | 46 bps       | 6 bps        | Things to watch out for: 1) Any revisions in its revenue growth and margin guidance for FY19, 2) Commentary related to   |
| Target Price (Rs) | 1,265      | PAT (Rs mn)       | 26,275   | 25,400   | 21,940   | 19.8%        | 3.4%         | expected growth and amortization period for acquired IBM IPs   |
| % Upside          | 34%        | EPS (Rs)          | 19.4     | 18.2     | 15.7     | 23.1%        | 6.3%         | and 3) Commentary related to organic growth and ramp-up of large deal wins over the last four quarters.  |
| Tech Mahindra     |            |                   |          |          |          |              |              | We expect 3.0% CC growth on positive deal traction in the  |
| CMP(Rs)           | 690        | Net Sales (Rs mn) | 89,936   | 86,298   | 77,760   | 15.7%        | 4.2%         | communication business and a recovery in enterprise business.<br>However, a 50 bps cross-currency headwind will lead to 2.5%   |
| Mkt Cap (Rs bn)   | 677        | EBITDA (Rs mn)    | 17,088   | 16,186   | 12,647   | 35.1%        | 5.6%         | qoq growth in USD terms. Margins are expected to see a modest improvement of ~25 bps qoq amid increased offshoring efforts   |
| Reco              | Hold       | EBITDA Margin (%) | 19.0     | 18.8     | 16.3     | 274 bps      | 24 bps       | and INR depreciation. Margin improvements and INR depreciation will likely lead to ~20% yoy growth in reported PAT.  |
| Target Price (Rs) | 730        | PAT (Rs mn)       | 11,385   | 10,642   | 9,432    | 20.7%        | 7.0%         | Key things to watch out for: (1) outlook on growth in the communications vertical, specifically on 5G and (2) further  |
| % Upside          | 6%         | EPS (Rs)          | 12.8     | 11.9     | 10.6     | 20.4%        | 6.9%         | potential in terms of OPM gains and levers to drive them in light of lowered growth rate   |
| L&T Infotech      |            |                   |          |          |          |              |              |  |
| CMP(Rs)           | 1,688      | Net Sales (Rs mn) | 24,752   | 24,023   | 19,609   | 26.2%        | 3.0%         | We build in 3.6% qoq CC revenue growth and a 60 bps cross currency headwind, leading to 3.0% growth in USD terms. We   |
| Mkt Cap (Rs bn)   | 293        | EBITDA (Rs mn)    | 5,544    | 5,501    | 3,987    | 39.1%        | 0.8%         | expect operating margins to be affected by 50 bps in Q3FY19 on account of initial transition impact on large deal ramp-ups. PAT  |
| Reco              | Accumulate | EBITDA Margin (%) | 22.4     | 22.9     | 20.3     | 207 bps      | -50 bps      | growth would be modest (1.4% sequentially). On yoy basis, it would still remain strong with over $\sim$ 43% expected growth.   |
| Target Price (Rs) | 2,020      | PAT (Rs mn)       | 4,057    | 4,003    | 2,829    | 43.4%        | 1.4%         | Things to watch out for 1) Pipeline of large deal wins and closures<br>and 2) Competitive positioning in the segment that would be   |
| % Upside          | 20%        | EPS (Rs)          | 23.2     | 22.9     | 16.2     | 43.4%        | 1.4%         | decisive to sustain double-the-market growth rate.   |

| Name              |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|-------|-------------------|---------|--------|--------|--------------|--------------|---|
| Mphasis           |       |                   |         |        |        |              |              | We expect 2.0% qoq revenue growth in CC terms and a 30 bps cross currency headwind, leading to USD growth of 1.7% which,  |
| CMP(Rs)           | 925   | Net Sales (Rs mn) | 19,895  | 19,149 | 16,607 | 19.8%        | 3.9%         | we believe, is strong (given strong growth in previous quarters).   |
| Mkt Cap (Rs bn)   | 179   | EBITDA (Rs mn)    | 3,104   | 3,145  | 2,566  | 21.0%        | -1.3%        | We expect OPM impact of ~80 bps qoq on account of wage hikes<br>in the quarter that would offset gains from strong volume   |
| Reco              | Buy   | EBITDA Margin (%) | 15.6    | 16.4   | 15.5   | 15 bps       | -82 bps      | performance. We expect ~6.0% qoq de-growth in the EPS as we assume lower other income and completed buyback   |
| Target Price (Rs) | 1,370 | PAT (Rs mn)       | 2,548   | 2,709  | 2,150  | 18.5%        | -5.9%        | assumptions in our EPS computation. Things to watch out for: 1)<br>Traction in other three segments of HP i.e. HPE, HP Inc and  |
| % Upside          | 48%   | EPS (Rs)          | 13.7    | 14.6   | 11.6   | 18.5%        | -5.9%        | Micro Focus and 2) traction in Blackstone portfolio companies   |
| Mindtree          |       |                   |         |        |        |              |              | We expect Mindtree to deliver 2.0% CC growth and a 40 bps   |
| CMP(Rs)           | 821   | Net Sales (Rs mn) | 18,025  | 17,554 | 13,777 | 30.8%        | 2.7%         | cross currency headwind, leading to USD growth of 1.6% qoq.<br>We expect operating margins to remain flat on a qoq basis as we  |
| Mkt Cap (Rs bn)   | 135   | EBITDA (Rs mn)    | 2,794   | 2,699  | 2,074  | 34.7%        | 3.5%         | expect savings arising out of INR depreciation to get re-invested into the business. Key things to watch out for: 1) Growth in Top                                    |
| Reco              | Hold  | EBITDA Margin (%) | 15.5    | 15.4   | 15.1   | 45 bps       | 12 bps       | 2-10 accounts has been a challenge for Mindtree over last many quarters which needs to be watched out in Q3FY19; 2)   |
| Target Price (Rs) | 920   | PAT (Rs mn)       | 2,098   | 2,063  | 1,415  | 48.3%        | 1.7%         | Considerable increase in top client concentration over the last few quarters, which can be a cause for concern in future; and 3)                                      |
| % Upside          | 12%   | EPS (Rs)          | 12.8    | 12.6   | 8.6    | 48.3%        | 1.7%         | Commentary related to margin improvement in FY19 and beyond.  |
| Hexaware          |       |                   |         |        |        |              |              | We expect 2.5% gog growth in CC terms and a 30 bps cross  |
| CMP(Rs)           | 329   | Net Sales (Rs mn) | 12,590  | 12,096 | 10,048 | 25.3%        | 4.1%         | currency headwind, leading to 2.2% qoq growth in USD terms.<br>We estimate EBITDA margins to decline by ~90 bps qoq on  |
| Mkt Cap (Rs bn)   | 98    | EBITDA (Rs mn)    | 1,989   | 2,023  | 1,599  | 24.4%        | -1.7%        | account of furloughs, wage hikes, and other supply-side constraints. Wage hikes and low forex gains will result into a  |
| Reco              | Hold  | EBITDA Margin (%) | 15.8    | 16.7   | 15.9   | -11 bps      | -93 bps      | ~19% qoq decline in its profits. Things to watch out for: 1)  |
| Target Price (Rs) | 370   | PAT (Rs mn)       | 1,395   | 1,722  | 1,211  | 15.2%        | -19.0%       | Revenue growth guidance and operating margin outlook for CY19; 2) commentary on revenue from the company's top cliente: and 2) progress on the company's new continue |
| % Upside          | 12%   | EPS (Rs)          | 4.6     | 5.7    | 4.1    | 13.1%        | -19.0%       | clients; and 3) progress on the company's new services business.  |

| Name               |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|--------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| Persistent Systems | ;          |                   |         |        |        |              |              | We estimate a 2.5% qoq growth in CC terms and 30bps cross  |
| CMP(Rs)            | 570        | Net Sales (Rs mn) | 8,697   | 8,356  | 7,919  | 9.8%         | 4.1%         | currency headwind, leading to a 2.2% qoq growth in USD terms.<br>Taking into consideration its weak traction in its IBM alliance |
| Mkt Cap (Rs bn)    | 46         | EBITDA (Rs mn)    | 1,522   | 1,436  | 1,375  | 10.7%        | 6.0%         | partnership, we are not expecting any significant incremental revenues coming from IP sales in Q3FY19. We expect a slight        |
| Reco               | Reduce     | EBITDA Margin (%) | 17.5    | 17.2   | 17.4   | 10 bps       | 30 bps       | improvement of 30bps in its OPM, largely due to INR depreciation. Things to watch out for: 1) Monetisation of platforms          |
| Target Price (Rs)  | 600        | PAT (Rs mn)       | 903     | 881    | 917    | -1.5%        | 2.5%         | being built in association of USAA and partners healthcare; 2)   |
| % Upside           | 5%         | EPS (Rs)          | 11.3    | 11.0   | 11.5   | -1.5%        | 2.5%         | commentary related to IBM alliance and related to recent large IP sell off by IBM to HCL Tech.                                   |
| NIIT Tech          |            |                   |         |        |        |              |              |  |
| CMP(Rs)            | 1,125      | Net Sales (Rs mn) | 9,615   | 9,074  | 7,565  | 27.1%        | 6.0%         | We expect 2.7% qoq growth in CC terms and a 70 bps of cross currency headwind, leading to 2.0% qoq growth in USD terms.          |
| Mkt Cap (Rs bn)    | 69         | EBITDA (Rs mn)    | 1,740   | 1,634  | 1,296  | 34.3%        | 6.5%         | OPM is expected to remain flat as we expect gains arising out of   |
| Reco               | Accumulate | EBITDA Margin (%) | 18.1    | 18.0   | 17.1   | 97 bps       | 9 bps        | INR depreciation to be re-invested into the business. PAT is expected to grow by $\sim$ 50% yoy due to good growth and strong    |
| Target Price (Rs)  | 1,335      | PAT (Rs mn)       | 1,144   | 1,118  | 757    | 51.2%        | 2.3%         | yoy INR depreciation. Key things to watch out for: (1) Order book addition in focus areas US/IMS/TTL/BFSI (2) Good qoq growth    |
| % Upside           | 19%        | EPS (Rs)          | 18.6    | 18.2   | 12.3   | 51.2%        | 2.3%         | in new deal traction would be seen as positive   |
| eClerx Services    |            |                   |         |        |        |              |              | We expect revenue growth of 2.3% gog in CC terms and a 30  |
| CMP(Rs)            | 1,060      | Net Sales (Rs mn) | 3,672   | 3,559  | 3,399  | 8.0%         | 3.2%         | bps cross currency headwind, leading to 2.0% qoq growth in USD   |
| Mkt Cap (Rs bn)    | 41         | EBITDA (Rs mn)    | 908     | 831    | 904    | 0.5%         | 9.3%         | terms. We expect EBITDA margins to improve by ~140 bps qoq<br>on the back of an expected improvement in the onsite profitability |
| Reco               | Accumulate | EBITDA Margin (%) | 24.7    | 23.3   | 26.6   | -186 bps     | 139 bps      | and operating leverage gains. Net profit is expected to record a sequential de-growth of ~4% on account of higher ETR and lower  |
| Target Price (Rs)  | 1,220      | PAT (Rs mn)       | 667     | 698    | 575    | 16.0%        | -4.4%        | FX led other income expected in the quarter. Key things to watch out for: (1) commentary for FY19E growth outlook, (2) growth in |
| % Upside           | 15%        | EPS (Rs)          | 17.5    | 17.8   | 14.4   | 21.3%        | -1.5%        | both top 10 and emerging clients, (3) ramp up status of onsite as well as two/four business and (4) margin outlook.              |

| Name              |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------|-------------------|---------|--------|--------|--------------|--------------|--|
| Firstsource       |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 47   | Net Sales (Rs mn) | 10,153  | 9,547  | 8,872  | 14.4%        | 6.3%         | We build in ~3.5% qoq growth in CC revenues with a ~50 bps cross currency headwinds. Growth optimism is driven by strong             |
| Mkt Cap (Rs bn)   | 33   | EBITDA (Rs mn)    | 1,437   | 1,328  | 1,161  | 23.7%        | 8.2%         |  |
| Reco              | Buy  | EBITDA Margin (%) | 14.1    | 13.9   | 13.1   | 106 bps      | 24 bps       | quarter. Net profit is expected to grow by $\sim$ 6% sequentially on strong OPM that would offset higher ETR impact for the quarter. |
| Target Price (Rs) | 72   | PAT (Rs mn)       | 984     | 928    | 996    | -1.1%        | 6.1%         | Key things to look out for: 1) Commentary across segments, specifically more in healthcare-payers side; 2) Revenue growth,           |
| % Upside          | 53%  | EPS (Rs)          | 1.4     | 1.3    | 1.5    | -2.3%        | 6.1%         | pricing and operating margin outlook; and 3) Revenues from top clients   |
| NIIT              |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 84   | Net Sales (Rs mn) | 2,278   | 2,285  | 2,094  | 8.8%         | -0.3%        | We expect overall revenues to remain flat on qoq basis due to slow growth momentum in skills and overall schools business.           |
| Mkt Cap (Rs bn)   | 18   | EBITDA (Rs mn)    | 215     | 219    | 184    | 17.1%        | -1.4%        | Expect flat margins driven by slow growth momentum. Expect flat yoy growth in net profit to Rs199mn for December 2018 guarter        |
| Reco              | Hold | EBITDA Margin (%) | 9.5     | 9.6    | 8.8    | 67 bps       | -11 bps      | vs. net profit of Rs197mn in December 2017 quarter.  |
| Target Price (Rs) | 95   | PAT (Rs mn)       | 199     | 260    | 197    | 0.9%         | -23.4%       |  |
| % Upside          | 13%  | EPS (Rs)          | 1.2     | 1.6    | 1.2    | 0.9%         | -23.4%       |  |
| MPS               |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 472  | Net Sales (Rs mn) | 1,024   | 1,006  | 679    | 50.8%        | 1.8%         | We expect USD revenues to grow by ~1.0% qoq; revenue growth would be largely driven by sustained traction in the platform            |
| Mkt Cap (Rs bn)   | 9    | EBITDA (Rs mn)    | 266     | 258    | 239    | 11.2%        | 3.1%         | business. We expect EBITDA margins of 26%, up ~35 bps of on expected gains on better FX realizations and small synerge               |
| Reco              | Buy  | EBITDA Margin (%) | 26.0    | 25.7   | 35.3   | -927 bps     | 34 bps       | gains from TIS business. We expect ~3% growth in net profits on qoq basis. Key things to watch out for: 1) Revenue performance       |
| Target Price (Rs) | 780  | PAT (Rs mn)       | 192     | 187    | 176    | 9.3%         | 2.7%         | and operating margin outlook due to ongoing TIS integration and<br>2) future inorganic growth strategy                               |
| % Upside          | 65%  | EPS (Rs)          | 10.3    | 10.0   | 9.4    | 9.3%         | 2.7%         |  |

| Name              |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------|-------------------|---------|--------|--------|--------------|--------------|--|
| Ramco Systems     |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 266  | Net Sales (Rs mn) | 1,407   | 1,315  | 1,252  | 12.4%        | 7.0%         | Expect strong revenue growth of ~7% qoq in Q3FY19, thanks to a ramp-up in go-lives and sustained new signings. Expect Ramco              |
| Mkt Cap (Rs bn)   | 8    | EBITDA (Rs mn)    | 291     | 229    | 194    | 50.2%        | 27.3%        | Systems to continue to add USD25mn in new signings. We expect operating margins to improve materially by ~330bps qoq                     |
| Reco              | Buy  | EBITDA Margin (%) | 20.7    | 17.4   | 15.5   | 521 bps      | 330 bps      | as more go-lives will lead to favorable operating leverage which,<br>in turn, would drive PAT growth as well. Expect strong PAT of       |
| Target Price (Rs) | 653  | PAT (Rs mn)       | 130     | 41     | 38     | 243.7%       | 217.7%       | Rs130mn (up ~240% yoy). Things to watch out for: 1)<br>Sustenance of strong order intake of USD25mn+ in TCV; and 2)                      |
| % Upside          | 146% | EPS (Rs)          | 4.2     | 1.3    | 1.2    | 240.4%       | 219.6%       | current and expected go-live status of delayed implementations   |
| Majesco           |      |                   |         |        |        |              |              |  |
| CMP(Rs)           | 495  | Net Sales (Rs mn) | 2,489   | 2,425  | 2,073  | 20.1%        | 2.6%         | We expect 10%/20% yoy growth in USD/INR terms, respectively<br>on steady growth in new deal wins and ramp-up in cloud                    |
| Mkt Cap (Rs bn)   | 14   | EBITDA (Rs mn)    | 276     | 265    | 94     | 192.7%       |              | revenues. Margins are expected to improve marginally on a sequential basis, but by large ~650bps on yoy basis due to strong              |
| Reco              | Buy  | EBITDA Margin (%) | 11.1    | 10.9   | 4.5    | 654 bps      | 15 bps       | operating leverage. PAT growth would remain pretty strong on both qoq/yoy basis.   |
| Target Price (Rs) | 700  | PAT (Rs mn)       | 164     | 133    | -91    |              | 22.7%        |  |
| % Upside          | 42%  | EPS (Rs)          | 5.8     | 4.8    | -3.6   |              | 22.2%        |  |
| Intellect Design  |      |                   |         |        |        |              |              | Strong revenue momentum expected to continue with ~20%+ yoy  |
| CMP(Rs)           | 223  | Net Sales (Rs mn) | 3,517   | 3,804  | 2,707  | 29.9%        | -7.5%        | growth in USD terms, driven by strong TCV deal signings across   |
| Mkt Cap (Rs bn)   | 29   | EBITDA (Rs mn)    | 202     | 383    | 161    | 25.5%        | -47.3%       |  |
| Reco              | Buy  | EBITDA Margin (%) | 5.7     | 10.1   | 5.9    | -20 bps      | -432 bps     | higher revenues from implementation services. We expect 5.7% EBITDA margins for the quarter (flat on yoy basis). Reported PAT            |
| Target Price (Rs) | 285  | PAT (Rs mn)       | 122     | 315    | 122    | 0.0%         | -61.4%       | expected to remain flat for the quarter on yoy basis. Higher tax rate<br>in the quarter would negate the revenue traction benefit in the |
| % Upside          | 28%  | EPS (Rs)          | 1.0     | 2.5    | 1.0    | 0.0%         | -61.4%       | current quarter. Things to watch out for: 1) New deal signings and 2) Outlook on cash generation / profitability of SEEC/iGCB.           |

| Name                 |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|----------------------|-------|-------------------|---------|--------|--------|--------------|--------------|---|
| Oracle Financial Ser | vices |                   |         |        |        |              |              |   |
| CMP(Rs)              | 3,582 | Net Sales (Rs mn) | 12,863  | 12,133 | 10,591 | 21.5%        | 6.0%         | We expect license signings worth ~USD24mn for Q3FY19, maintaining a strong momentum for the year (Q3FY18 was at             |
| Mkt Cap (Rs bn)      | 307   | EBITDA (Rs mn)    | 5,332   | 4,988  | 4,202  | 26.9%        | 6.9%         | USD16mn). H1FY19 deal signings up by ~15% yoy. EBITDA margins expected to improve by 180 bps yoy basis, given strong        |
| Reco                 | Buy   | EBITDA Margin (%) | 41.5    | 41.1   | 39.7   | 178 bps      | 34 bps       | license signings in the quarter. PAT expected to grow by ~30% yoy on strong growth and better margins, further supported by |
| Target Price (Rs)    | 5,050 | PAT (Rs mn)       | 3,745   | 3,520  | 2,897  | 29.3%        | 6.4%         | stable other income for the quarter (largely FX led).   |
| % Upside             | 41%   | EPS (Rs)          | 43.9    | 41.2   | 33.9   | 29.3%        | 6.4%         |   |
| Nucleus Software     |       |                   |         |        |        |              |              |   |
| CMP(Rs)              | 375   | Net Sales (Rs mn) | 1,234   | 1,215  | 1,060  | 16.4%        | 1.6%         | Expect USD/INR growth of 10%/16% yoy in revenues for Q3FY19, driven by sustained new deal wins. We expect                   |
| Mkt Cap (Rs bn)      | 11    | EBITDA (Rs mn)    | 232     | 229    | 187    | 24.1%        | 1.2%         |   |
| Reco                 | Buy   | EBITDA Margin (%) | 18.8    | 18.9   | 17.6   | 117 bps      | -7 bps       |   |
| Target Price (Rs)    | 640   | PAT (Rs mn)       | 203     | 191    | 181    | 12.0%        | 5.9%         |   |
| % Upside             | 71%   | EPS (Rs)          | 7.0     | 6.6    | 6.2    | 12.0%        | 5.9%         |   |

- The entire festive season falling in Q3FY19 did not turn out to be fruitful for the industry in terms of healthy advertisement revenue growth. While Broadcasters and Multiplexes are expected to outpace other mediums with healthy advertisement growth. We believe that Print Media's wait for a recovery in advertisement revenue will continue despite seasonality. Among the Broadcasters, Zee Entertainment/Sun TV are expected to register 18%/9% ad growth yoy, with SUN TV's ad growth being restricted due to market share loss in TN. SUN TV's headline number will include movie production business, restricting LTL comparison with preceding quarters. Healthy box office collections should aid strong footfalls for Multiplexes. Ad growth for PVR/Inox is expected at 20%/30% yoy. Among the Radio companies, Music Broadcast Ltd (MBL) is expected to deliver 13% yoy growth, while ENIL should record 20% yoy growth.
  - Broadcasters: Zee Entertainment/Sun TV are expected to register 18%/9% yoy ad growth, driven by a continuity in healthy ad spends by FMCG companies. The market share loss TN should restrict growth for Sun TV. Zee's domestic subscription revenue is expected to grow 18% yoy, driven by the benefits from phase III monetization. Sun TV's domestic revenue is expected to grow 34% yoy, while Cable TV subscription is expected to grow 23% yoy, owing to benefits accruing from TN's digitization. Content costs for both Zee and Sun TV are expected to rise amid new launches.
  - TV Distribution (DISHTV): Net subscriber addition is expected to rebound to 0.41mn from 0.2mn in Q2FY19. Subscription revenue is expected to grow 3% qoq on a 2% rise in ARPU. Operating performance would be key as the focus will be on cost-synergy deliverables.
  - Print Media: Print companies, in our view, will continue to see dismal ad growth despite favorable base and the festive season. DB Corp (+10% yoy) is expected to report better growth in comparison with Jagran (+3%). Circulation revenues for both Jagran and DB Corp should get restricted due to the reduction in number of copies amid a rise in newsprint prices. Q3FY19 raw material cost will see the impact of peak newsprint prices.
- Multiplexes: Robust box office collections should aid footfalls for both PVR and Inox. Inox is expected to deliver 26% footfall growth, partially attributable to a favorable base. ATP increase is expected at 0%/3% yoy for PVR and Inox. Ticket revenue is expected to grow 19%/29% yoy for PVR/Inox. Ad revenue growth rates for both PVR and Inox are expected to remain strong at 20% and 30% yoy, respectively. Inox's SPH is expected to increase 7% yoy, a clearly diverging trend vs. PVR. PVR added 21 screens in Q3FY19, while Inox added 17 screens.
- We have a Buy rating on Inox Leisure; Hold on PVR, DB Corp, ENIL, and Jagran; Reduce on Sun TV; and Sell on Zee and Dish TV.

| Name              |        |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|--------|-------------------|---------|--------|--------|--------------|--------------|---|
| ZEE Entertainment |        |                   |         |        |        |              |              | Ad revenue is expected to grow 18% yoy, restricted by high  |
| CMP(Rs)           | 452    | Net Sales (Rs mn) | 21,257  | 19,759 | 18,381 | 15.6%        | 7.6%         | base of last year. Domestic subscription revenue is expected to grow 18% yoy, driven by Phase III monetization.             |
| Mkt Cap (Rs bn)   | 434    | EBITDA (Rs mn)    | 7,371   | 6,757  | 5,944  | 24.0%        | 9.1%         | International subscription is expected to grow 8% on a yoy basis, aided by currency tailwinds. Other operating income is    |
| Reco              | Sell   | EBITDA Margin (%) | 34.7    | 34.2   | 32.3   | 234 bps      | 48 bps       | estimated at Rs1.3bn, down 7% yoy due to a lack of big movie releases. On a reported basis, programming cost is expected    |
| Target Price (Rs) | 374    | PAT (Rs mn)       | 5,047   | 4,087  | 3,641  | 38.6%        | 23.5%        | to rise ~20.5% yoy on account of aggressive content launches<br>on ZEE5 and the TV business. Marketing and promotion cost   |
| % Upside          | -17%   | EPS (Rs)          | 5.3     | 4.3    | 3.8    | 38.6%        | 23.5%        | is slated to rise on account of spends on OTT platform.   |
| Sun TV Network    |        |                   |         |        |        |              |              | Ad revenue is expected to grow by 9% yoy to Rs3.9bn,  |
| CMP(Rs)           | 600    | Net Sales (Rs mn) | 9,168   | 7,496  | 6,833  | 34.2%        | 22.3%        | restricted by a market share loss in TN and a high base from  |
| Mkt Cap (Rs bn)   | 236    | EBITDA (Rs mn)    | 7,037   | 5,540  | 4,920  | 43.0%        | 27.0%        | last year. Analog + Digital TV subscription revenue is expected to grow 19% yoy, while DTH subscription revenue is expected |
| Reco              | Reduce | EBITDA Margin (%) | 76.8    | 73.9   | 72.0   | 475 bps      | 285 bps      | to grow 14% yoy. Programming cost and other expenses will be higher on account of new launches across channels.             |
| Target Price (Rs) | 601    | PAT (Rs mn)       | 3,368   | 3,513  | 2,670  | 26.1%        | -4.1%        | EBITES THE BLACK TO THE FULL ST HIGH TO THE ACC   |
| % Upside          | 0%     | EPS (Rs)          | 8.5     | 8.9    | 6.8    | 26.1%        | -4.1%        | Revenue growth will be aided by movie production, and a subsequent increase will also be seen in amortization charges.      |
| Dish TV           |        |                   |         |        |        |              |              |   |
| CMP(Rs)           | 41     | Net Sales (Rs mn) | 16,486  | 15,943 | 16,143 | 2.1%         | 3.4%         | Subscription revenue is expected to increase 3% qoq, led by a 2% qoq increase in ARPU, while we expect net adds of          |
| Mkt Cap (Rs bn)   | 75     | EBITDA (Rs mn)    | 5,593   | 5,406  | 4,978  | 12.4%        | 3.5%         | ~0.41mn. The 2% qoq increase in ARPU can be ascribed to the low base stemming from seasonality. Programming cost is         |
| Reco              | Sell   | EBITDA Margin (%) | 33.9    | 33.9   | 30.8   | 309 bps      | 2 bps        | expected to remain flat qoq, aided by merger-related synergies. Cost-synergy deliverables, which have started to            |
| Target Price (Rs) | 35     | PAT (Rs mn)       | 283     | 255    | -1,637 |              | 11.3%        | show meaningfully last quarter, are key to watch out for.   |
| % Upside          | -14%   | EPS (Rs)          | 0.3     | 0.2    | -1.5   |              | 11.3%        |   |

| Name              |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-------|-------------------|---------|--------|--------|--------------|--------------|--|
| PVR*              |       |                   |         |        |        |              |              | Healthy Bollywood box office collections to aid 21% yoy  |
| CMP(Rs)           | 1,605 | Net Sales (Rs mn) | 7,910   | 7,103  | 5,587  | 41.6%        | 11.4%        | increase in total footfalls and high-single digit rise in comparable footfalls. Ticketing revenues, ex-SPI, are              |
| Mkt Cap (Rs bn)   | 75    | EBITDA (Rs mn)    | 1,554   | 1,258  | 1,018  | 52.7%        | 23.6%        | expected to grow 19% yoy. ATP is expected to remain flat on a yoy basis, whereas SPH is expected to fall 3% yoy as the       |
| Reco              | Hold  | EBITDA Margin (%) | 19.6    | 17.7   | 18.2   | 143 bps      | 194 bps      | company rationalized food item prices. F&B revenue is expected to record 24% yoy growth to Rs1.78bn. Ad revenue              |
| Target Price (Rs) | 1,417 | PAT (Rs mn)       | 461     | 330    | 289    | 59.7%        | 39.6%        | is expected to increase 20% yoy. We are estimating total revenues of Rs1.1bn for SPI Cinemas. Total screen additions         |
| % Upside          | -12%  | EPS (Rs)          | 9.9     | 7.1    | 6.2    | 59.7%        | 39.6%        | for 3Q stand at 21.  |
| Inox Leisure      |       |                   |         |        |        |              |              |  |
| CMP(Rs)           | 253   | Net Sales (Rs mn) | 4,344   | 3,653  | 3,259  | 33.3%        | 18.9%        | Ticketing revenue is expected to grow 29% yoy, led by footfall growth of 26% and ATP increase of 3%. Favorable base and      |
| Mkt Cap (Rs bn)   | 26    | EBITDA (Rs mn)    | 671     | 448    | 463    | 44.9%        | 49.7%        | healthy box office collections to aid robust footfall growth. SPH is expected to increase 7% yoy, a diverging trend vs. PVR. |
| Reco              | Buy   | EBITDA Margin (%) | 15.4    | 12.3   | 14.2   | 123 bps      | 318 bps      | ATP is expected to grow 3% yoy to Rs205. F&B revenue is<br>expected to grow by 48% yoy to Rs1.1bn. The company is            |
| Target Price (Rs) | 279   | PAT (Rs mn)       | 253     | 120    | 132    | 91.9%        | 111.4%       | expected to deliver ad growth of 30% yoy. We expect  |
| % Upside          | 10%   | EPS (Rs)          | 2.6     | 1.2    | 1.4    | 91.9%        | 111.4%       | operating profit to increase 45% yoy. Total screen additions in 3Q stand at 17.  |
| DB Corp           |       |                   |         |        |        |              |              |  |
| CMP(Rs)           | 170   | Net Sales (Rs mn) | 6,480   | 5,821  | 5,986  | 8.2%         | 11.3%        |  |
| Mkt Cap (Rs bn)   | 31    | EBITDA (Rs mn)    | 1,255   | 923    | 1,396  | -10.0%       | 36.0%        | among peers. Digital Ad revenue is expected to grow 3% yo<br>to Rs159mn. Radio revenue should grow 16% yoy t                 |
| Reco              | Hold  | EBITDA Margin (%) | 19.4    | 15.9   | 23.3   | -394 bps     | 352 bps      | Rs389mn. Circulation revenue is expected to grow 3% yoy, impacted by a higher base and a marginal reduction in the           |
| Target Price (Rs) | 195   | PAT (Rs mn)       | 687     | 462    | 781    | -12.1%       | 48.5%        | number of copies. RM cost to increase 31% yoy to Rs2.3bn due to an increase in newsprint prices. EBITDA is expected to       |
| % Upside          | 15%   | EPS (Rs)          | 3.9     | 2.6    | 4.5    | -12.1%       | 48.5%        | decline 34% yoy due to higher costs.   |

\* PVRL IN's Ticket revenues KPI's are excluding SPI

| Name                |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|---------------------|------|-------------------|---------|--------|--------|--------------|--------------|---|
| Jagran Prakashan    |      |                   |         |        |        |              |              |   |
| CMP(Rs)             | 115  | Net Sales (Rs mn) | 6,235   | 5,534  | 5,981  | 4.3%         | 12.7%        | Consolidated Print and Digital ad revenue is expected to grow by 3.3% yoy to Rs3.8bn. The lower growth is attributable to the |
| Mkt Cap (Rs bn)     | 34   | EBITDA (Rs mn)    | 1,387   | 996    | 1,629  | -14.8%       | 39.2%        | delay in the revival of local ad spends and a lack of an uptick   |
| Reco                | Hold | EBITDA Margin (%) | 22.2    | 18.0   | 27.2   | -499 bps     | 425 bps      |   |
| Target Price (Rs)   | 115  | PAT (Rs mn)       | 672     | 421    | 848    | -20.8%       | 59.7%        | in a yey. Mateu print du revenue grewin and nighter newoprint   |
| % Upside            | 0%   | EPS (Rs)          | 2.2     | 1.4    | 2.6    | -16.8%       | 59.7%        | prices are expected to dent operating performance.  |
| Entertainment Netwo | ork  |                   |         |        |        |              |              |   |
| CMP(Rs)             | 606  | Net Sales (Rs mn) | 1,779   | 1,225  | 1,484  | 19.9%        | 45.2%        | Revenue is expected to grow 20%, driven by higher non-FCT business and seasonally strong growth in radio business.            |
| Mkt Cap (Rs bn)     | 29   | EBITDA (Rs mn)    | 428     | 273    | 356    | 20.1%        | 56.5%        | EBITDA is estimated to deliver growth of 20% on a yoy basis,  |
| Reco                | Hold | EBITDA Margin (%) | 24.0    | 22.3   | 24.0   | 4 bps        | 173 bps      | driven by higher revenues and operating efficiencies. Furthe<br>the focus on margins for the non-FCT business should als      |
| Target Price (Rs)   | 615  | PAT (Rs mn)       | 175     | 90     | 132    | 32.8%        | 93.1%        | aid operating profits.  |
| % Upside            | 2%   | EPS (Rs)          | 3.7     | 1.9    | 2.8    | 32.8%        | 93.1%        |   |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

- Lesser-than-expected winter production cuts in China resulted in a deterioration of global steel prices. The Indian market also witnessed a gradual slowdown in the pricing environment. The benchmark HRC export prices in China corrected by 11.2% on a sequential basis and around 7.7% on yoy basis. This was coupled with simultaneous increases in raw material prices, especially coking coal, which went up between 12-16% on a qoq basis and 10-16% on a yoy basis, and a surge in high-grade iron ore prices.
- We expect steel companies to report a decline in sequential numbers due to weaker realizations and rising input costs as there is hardly any volume growth by either Tata Steel or JSW (both operating at near capacity). On the stainless steel front, we expect JSL and JSHL to post strong numbers as its plant has likely recovered from the extended Q2FY19 shutdown and we do not expect any one-offs on account of the shutdown as compared to the last quarter. Further, increase in debt levels along with high interest rate environment should further impact the bottom-line of companies in our coverage. The management commentary on recent acquisitions (both JSW and Tata Steel) should be the key in absence of any organic volume growth in the near term.
- We expect non-ferrous companies to report weak set of numbers on sluggish performance of the LME complex on yoy basis. However, 11% depreciation of Indian rupee will likely restrain the impact of weak LME. For Vedanta and Hindustan Zinc Limited (HZL), higher by-product recovery on account of silver and others will further counter the LME weakness. We expect Vedanta to announce the start of its commercial operations at the Gamsberg project. On Hindalco, we expect further clarity on the Aleris acquisition, which will further drive growth as both Hindalco and Novelis now operate at near capacity.

| Name              |            |                   | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|------------|-------------------|---------|---------|---------|--------------|--------------|---|
| JSW Steel         |            |                   |         |         |         |              |              |   |
| CMP(Rs)           | 294        | Net Sales (Rs mn) | 195,101 | 215,520 | 178,610 | 9.2%         | -9.5%        | We expect JSW Steel to report a 9% drop in its consolidated   |
| Mkt Cap (Rs bn)   | 710        | EBITDA (Rs mn)    | 42,391  | 49,060  | 38,510  | 10.1%        | -13.6%       | sales volume, offset by 19% growth in average steel realization on yoy basis. The sales decline in Q3FY19 is  |
| Reco              | Accumulate | EBITDA Margin (%) | 21.7    | 22.8    | 21.6    | 17 bps       | -104 bps     | primarily on account of poor demand in the quarter in the wake<br>of falling steel prices globally. However, weaker low-grade iron  |
| Target Price (Rs) | 402        | PAT (Rs mn)       | 16,419  | 20,870  | 20,170  | -18.6%       | -21.3%       | ore prices will likely restrict the EBITDA impact, which we expect to be around Rs11764/ton. Higher interest and  |
| % Upside          | 37%        | EPS (Rs)          | 6.8     | 8.7     | 8.4     | -18.6%       | -21.3%       | depreciation charges are further likely to affect the net profit.   |
| Tata Steel        |            |                   |         |         |         |              |              |   |
| CMP(Rs)           | 491        | Net Sales (Rs mn) | 381,729 | 435,441 | 334,466 | 14.1%        | -12.3%       | For Tata Steel, Q3FY19 is expected to remain muted. India's   |
| Mkt Cap (Rs bn)   | 559        | EBITDA (Rs mn)    | 76,804  | 89,195  | 56,969  | 34.8%        | -13.9%       |   |
| Reco              | Buy        | EBITDA Margin (%) | 20.1    | 20.5    | 17.0    | 309 bps      | -36 bps      | EBITDA/ton is likely to remain strong at Rs18521/ton.<br>However, we expect European operations' EBITDA/ton to be   |
| Target Price (Rs) | 751        | PAT (Rs mn)       | 25,763  | 29,579  | 22,595  | 14.0%        | -12.9%       | at USD66.9/ton, 4.4% lower qoq due to weaker realizations.  |
| % Upside          | 53%        | EPS (Rs)          | 21.4    | 24.6    | 23.3    | -8.1%        | -12.9%       |   |
| SAIL              |            |                   |         |         |         |              |              |   |
| CMP(Rs)           | 54         | Net Sales (Rs mn) | 178,338 | 167,180 | 153,237 | 16.4%        | 6.7%         |   |
| Mkt Cap (Rs bn)   | 224        | EBITDA (Rs mn)    | 24,265  | 23,650  | 14,402  | 68.5%        | 2.6%         | expected to be marginally up qoq on higher volumes. Althout the production volume will be higher, lower realizations impact the margin. Estimated EBITDA/ton is likely to be low by 8% qoq at Rs6294/ton. |
| Reco              | Buy        | EBITDA Margin (%) | 13.6    | 14.1    | 9.4     | 421 bps      | -54 bps      |   |
| Target Price (Rs) | 94         | PAT (Rs mn)       | 6,498   | 5,878   | 865     | 651.1%       | 10.5%        |   |
| % Upside          | 73%        | EPS (Rs)          | 1.6     | 1.4     | 0.2     | 651.1%       | 10.5%        |   |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

| Name                 |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|----------------------|-------|-------------------|---------|--------|--------|--------------|--------------|--|
| Jindal Stainless His | ar    |                   |         |        |        |              |              |  |
| CMP(Rs)              | 85    | Net Sales (Rs mn) | 22,174  | 22,294 | 24,386 | -9.1%        | -0.5%        | In Q3FY19, nickel prices were down 13% gog to  |
| Mkt Cap (Rs bn)      | 20    | EBITDA (Rs mn)    | 2,216   | 2,298  | 3,251  | -31.8%       | -3.6%        | ······································   |
| Reco                 | Buy   | EBITDA Margin (%) | 10.0    | 10.3   | 13.3   | -334 bps     | -31 bps      | qoq).  |
| Target Price (Rs)    | 210   | PAT (Rs mn)       | 644     | 674    | 1,140  | -43.5%       | -4.4%        |  |
| % Upside             | 147%  | EPS (Rs)          | 2.7     | 2.9    | 4.8    | -43.5%       | -4.4%        |  |
| Jindal Stainless     |       |                   |         |        |        |              |              |  |
| CMP(Rs)              | 33    | Net Sales (Rs mn) | 29,980  | 30,814 | 29,889 | 0.3%         | -2.7%        | JSL's plant was shut for planned maintenance for almost three  |
| Mkt Cap (Rs bn)      | 16    | EBITDA (Rs mn)    | 3,048   | 2,312  | 3,855  | -20.9%       | 31.8%        | weeks in Q2FY19. Hence, the results are estimated to be higher in Q3FY19. After debottlenecking, we expect the         |
| Reco                 | Buy   | EBITDA Margin (%) | 10.2    | 7.5    | 12.9   | -273 bps     | 266 bps      | company to produce 25% higher output. For JSL, we expect realizations to remain under pressure due to global price     |
| Target Price (Rs)    | 115   | PAT (Rs mn)       | 541     | 167    | 963    | -43.8%       | 223.7%       | weakness. However, higher volumes will offset the impact. EBITDA/ton is expected to be at Rs12752/ton.                 |
| % Upside             | 247%  | EPS (Rs)          | 1.1     | 0.3    | 2.1    | -46.1%       | 223.7%       |  |
| Hindustan Zinc       |       |                   |         |        |        |              |              |  |
| 274                  | 274   | Net Sales (Rs mn) | 53,259  | 47,770 | 59,220 | -10.1%       | 11.5%        | During the third quarter, mined metal production is expected   |
| 1,157                | 1,157 | EBITDA (Rs mn)    | 26,624  | 23,340 | 32,440 | -17.9%       | 14.1%        | to be lower by 8% on yoy basis. However, higher silver volumes will likely offset the impact partially. On the pricing |
| Hold                 | Hold  | EBITDA Margin (%) | 50.0    | 48.9   | 54.8   | -479 bps     | 113 bps      | front, zinc prices dropped by 18.6% yoy to USD2632/ton, while both lead and silver prices were down 21% and 13% to     |
| 294                  | 294   | PAT (Rs mn)       | 19,167  | 18,150 | 22,980 | -16.6%       | 5.6%         | USD1965/ton and USD14.55/oz, respectively. By-product realizations are likely to remain strong in Q3FY19.              |
| 7%                   | 7%    | EPS (Rs)          | 4.5     | 4.3    | 5.4    | -16.6%       | 5.6%         |  |

| Name              |     |                   | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|-----|-------------------|---------|---------|---------|--------------|--------------|---|
| Nalco             |     |                   |         |         |         |              |              |   |
| CMP(Rs)           | 63  | Net Sales (Rs mn) | 28,299  | 30,409  | 23,888  | 18.5%        | -6.9%        | In Q3FY19, weak realizations for both alumina and aluminum  |
| Mkt Cap (Rs bn)   | 121 | EBITDA (Rs mn)    | 6,872   | 8,509   | 3,437   | 99.9%        | -19.2%       | prices are expected to affect adversely. Aluminum prices dropped by 6.5% yoy to USD1968/ton. Rising fuel costs are          |
| Reco              | Buy | EBITDA Margin (%) | 24.3    | 28.0    | 14.4    | 989 bps      | -370 bps     | likely to drag down margins further.  |
| Target Price (Rs) | 86  | PAT (Rs mn)       | 4,087   | 5,100   | -797 r  | ı.a          | -19.9%       |   |
| % Upside          | 37% | EPS (Rs)          | 2.11    | 2.64    | -0.41 r | n.a          | -19.9%       |   |
| Hindalco          |     |                   |         |         |         |              |              |   |
| CMP(Rs)           | 206 | Net Sales (Rs mn) | 125,060 | 108,330 | 110,228 | 13.5%        | 15.4%        | In Q3FY19, weaker aluminum prices and higher input costs  |
| Mkt Cap (Rs bn)   | 463 | EBITDA (Rs mn)    | 15,160  | 10,907  | 13,117  | 15.6%        | 39.0%        | are expected to restrict margins. Copper LME prices have corrected by 9.5% yoy to USDD6172/ton from USD6822/ton             |
| Reco              | Buy | EBITDA Margin (%) | 12.1    | 10.1    | 11.9    | 22 bps       | 205 bps      | during the quarter.   |
| Target Price (Rs) | 290 | PAT (Rs mn)       | 5,898   | 3,086   | 4,908   | 20.2%        | 91.1%        |   |
| % Upside          | 41% | EPS (Rs)          | 3.1     | 1.6     | 2.6     | -100.0%      | -100.0%      |   |
| Vedanta Ltd       |     |                   |         |         |         |              |              |   |
| CMP(Rs)           | 196 | Net Sales (Rs mn) | 221,550 | 227,050 | 243,610 | -9.1%        | -2.4%        | Lower LME prices across board yoy will drag down  |
| Mkt Cap (Rs bn)   | 727 | EBITDA (Rs mn)    | 61,718  | 52,080  | 67,630  | -8.7%        | 18.5%        | realizations across the product segments. Goa mines ren<br>non-operational, while the copper smelter at Tuticorin           |
| Reco              | Buy | EBITDA Margin (%) | 27.9    | 22.9    | 27.8    | 10 bps       | 492 bps      | remains shut. Thus, the profitability should be driven by zinc<br>and oil & gas business. On the Oil & Gas front, we expect |
| Target Price (Rs) | 334 | PAT (Rs mn)       | 19,201  | 10,230  | 21,510  | -10.7%       | 87.7%        | Cairn to report 117 boepd production, which is flat on basis.   |
| % Upside          | 71% | EPS (Rs)          | 5.2     | 2.8     | 5.8     | -100.0%      | -100.0%      |   |

| Name              |       |                   | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|-------|-------------------|---------|---------|---------|--------------|--------------|---|
| NMDC              |       |                   |         |         |         |              |              |   |
| CMP(Rs)           | 95    | Net Sales (Rs mn) | 26,281  | 24,379  | 24,690  | 6.4%         | 7.8%         | NMDC has slashed iron ore prices (for both lump and fines)<br>twice during the quarter. However, higher offtake will likely<br>offset the impact of lower realizations. We have factored in the |
| Mkt Cap (Rs bn)   | 300   | EBITDA (Rs mn)    | 13,236  | 12,594  | 12,099  | 9.4%         | 5.1%         |   |
| Reco              | Buy   | EBITDA Margin (%) | 50.4    | 51.7    | 49.0    | 136 bps      | -129 bps     | offtake volume at 7.9mt for this quarter and EBITDA/ton at Rs1676/ton (-11% qoq).   |
| Target Price (Rs) | 138   | PAT (Rs mn)       | 9,231   | 6,365   | 7,417   | 24.5%        | 45.0%        |   |
| % Upside          | 45%   | EPS (Rs)          | 2.9     | 2.0     | 2.3     | 24.5%        | 45.0%        |   |
| MOIL              |       |                   |         |         |         |              |              |   |
| CMP(Rs)           | 168   | Net Sales (Rs mn) | 3,803   | 3,578   | 2,998   | 26.9%        | 6.3%         | In Q3FY19, ore prices were increased for key grades by 10%  |
| Mkt Cap (Rs bn)   | 43    | EBITDA (Rs mn)    | 1,162   | 1,463   | 1,228   | -5.4%        | -20.6%       | wef October 01, 2018. Subsequently, in December 2018, discounts were offered/increased on select grades.  |
| Reco              | Buy   | EBITDA Margin (%) | 30.5    | 40.9    | 41.0-   | 1044 bps     | -1035 bps    | Production volumes are expected to remain flat yoy at 0.316mt. We estimate EBITDA/ton to be Rs3676/ton.   |
| Target Price (Rs) | 264   | PAT (Rs mn)       | 855     | 1,051   | 1,038   | -17.7%       | -18.7%       |   |
| % Upside          | 57%   | EPS (Rs)          | 3.3     | 4.1     | 3.9     | -100.0%      | -100.0%      |   |
| Coal India        |       |                   |         |         |         |              |              |   |
| CMP(Rs)           | 233   | Net Sales (Rs mn) | 244,490 | 221,981 | 216,433 | 13.0%        | 10.1%        | Both production and offtake volumes were up 2.6% and 1%   |
| Mkt Cap (Rs bn)   | 1,448 | EBITDA (Rs mn)    | 54,636  | 39,142  | 46,179  | 18.3%        | 39.6%        | Res/18/ton  |
| Reco              | Buy   | EBITDA Margin (%) | 22.3    | 17.6    | 21.3    | 101 bps      | 471 bps      |   |
| Target Price (Rs) | 333   | PAT (Rs mn)       | 40,629  | 30,847  | 30,051  | 35.2%        | 31.7%        |   |
| % Upside          | 43%   | EPS (Rs)          | 6.5     | 5.0     | 4.8     | 35.2%        | 31.7%        |   |

- Average dated Brent price fell 10% qoq to US\$67.7/bbl in Q3FY19. While the quarter started on a strong note, with Brent crossing US\$85/bbl due to the Iran sanctions, prices fell soon on demand concerns and the supply glut stemming from the ramp-up in Saudi, Russian, and US output. Despite OPEC-Russia/allies announcing a 1.2mb/d cut from January 2019, oil prices closed US\$30/bbl down between the quarter ends. While, on average, the INR weakened 3% qoq to 72.1, it closed 3 points above vs. the Q2-end level, implying sizeable forex gains for refiners. Singapore GRM was down over 30% qoq to US\$4/bbl as light distillate cracks plunged due to oversupply, offset in part by some improvement in FO and jet fuel cracks. Despite weaker benchmark GRMs, we expect OMCs to see a qoq improvement in core GRMs from lower fuel & loss costs, OSP benefits, and favorable price lag impact though reported GRMs would be dismal due to high inventory losses. With lower oil prices, OMCs recovered their auto-fuel marketing margins from the lows hit in early-October to ~Rs7/liter (gross) now, yet due to the price lag impact, we estimate average gross margins on diesel/petrol to be down 9%/up 34% qoq. This would be accompanied by heavy marketing inventory losses as well. Hence, we expect OMCs to report weak earnings marginal profits at best and even losses in a worst-case scenario.
- We estimate gross under-recoveries to increase 23% qoq to Rs130bn due to higher LPG prices though the upstream subsidy burden is unlikely to resurface with oil prices remaining low now, and companies reiterate that they have not received any indication from the government on the subsidy front. We estimate ONGC's gas output will rise 4% qoq, while crude output should be flat. ONGC's EBITDA is estimated to decline slightly as higher sales vs. production should support earnings, while PAT is expected to decline on lower Other Income.
- Total gas demand-supply is expected to be weak qoq due to lower demand from the power sector. We expect some fall in pipeline volumes for GAIL and GSPL, while Petronet is expected to have a weak quarter with Dahej/Kochi utilization down qoq, further impacted by the seasonal restart of Dabhol terminal and potential shutdown at the Kochi refinery. In the CGD space, IGL should maintain healthy volume growth though Gujarat Gas could be weaker due to the slowdown in November. Margins, however, should be strong for both on better-than-expected rupee, soft LNG prices, and proactive pricing in October. GAIL's petchem segment would be impacted by lower oil prices and the shutdown at Pata 2; the LPG business by higher domestic gas prices; and gas trading by the winter led spike in Henry Hub prices, lowering margins qoq. Hence, GAIL is estimated to see a sequential decline in earnings.
- We expect RIL's standalone earnings to decline 5% qoq due to weak GRMs (estimate US\$8.7/bbl) and petchem earnings (from inventory losses). However, higher earnings fueled by the festival season at Retail and subs addition and controlled opex at Jio should moderate the decline at the consolidated level.
- The lubricant sector is expected to maintain 4-5% industry growth with Gulf Oil Lube expected to see a 20% yoy volume growth while margins should improve qoq due to the cooling-off in base oil rates and retail price hikes.

| Name                |       |                   | Dec'18E   | Sep'18    | Dec'17    | % Chg<br>YoY  | % Chg<br>QoQ | Comments  |
|---------------------|-------|-------------------|-----------|-----------|-----------|---------------|--------------|---|
| Reliance Industries |       |                   |           |           |           |               |              |   |
| CMP(Rs)             | 1,105 | Net Sales (Rs mn) | 839,867   | 961,670   | 732,560   | 14.6%         | -12.7%       | US\$8.7/bbl GRM, down qoq, lower petchem earnings with inventory loss, 25% ETR; Retail, Jio expected to report better earnings qoq, but part of consolidated numbers. |
| Mkt Cap (Rs bn)     | 7,002 | EBITDA (Rs mn)    | 142,068   | 148,920   | 137,440   | 3.4%          | -4.6%        |   |
| Reco                | Buy   | EBITDA Margin (%) | 16.9      | 15.5      | 18.8      | -185 bps      | 143 bps      |   |
| Target Price (Rs)   | 1,360 | PAT (Rs mn)       | 84,547    | 88,590    | 84,540    | 0.0%          | -4.6%        |   |
| % Upside            | 23%   | EPS (Rs)          | 14.3      | 15.0      | 14.3      | 0.0%          | -4.6%        |   |
| Indian Oil          |       |                   |           |           |           |               |              |   |
| CMP(Rs)             | 134   | Net Sales (Rs mn) | 1,295,820 | 1,308,797 | 1,106,669 | 17.1%         | -1.0%        | Increase in core GRM qoq at \$5.0/bbl, heavy inventory losses,  |
| Mkt Cap (Rs bn)     | 1,301 | EBITDA (Rs mn)    | 3,184     | 94,936    | 132,687   | -97.6%        | -96.6%       | 2% yoy marketing volume growth, flat marketing margin qoq forex gains   |
| Reco                | Buy   | EBITDA Margin (%) | 0.2       | 7.3       | 12.0      | -1,174<br>bps | -701 bps     |   |
| Target Price (Rs)   | 180   | PAT (Rs mn)       | 1,080     | 33,227    | 78,832    | -98.6%        | -96.7%       |   |
| % Upside            | 35%   | EPS (Rs)          | 0.1       | 3.5       | 8.3       | -98.6%        | -96.7%       |   |
| BPCL                |       |                   |           |           |           |               |              |   |
| CMP(Rs)             | 352   | Net Sales (Rs mn) | 710,710   | 722,918   | 606,164   | 17.2%         | -1.7%        | Increase in core GRM qoq at \$4.3/bbl; heavy inventory losses;  |
| Mkt Cap (Rs bn)     | 763   | EBITDA (Rs mn)    | -290      | 33,497    | 31,882    | NM            | NM           | 1% yoy marketing volume growth; marketing margin flat qoq and inventory losses; forex gains   |
| Reco                | Buy   | EBITDA Margin (%) | 0.4       | 4.6       | 5.3       | -487 bps      | -425 bps     |   |
| Target Price (Rs)   | 385   | PAT (Rs mn)       | 3,257     | 12,187    | 21,437    | -84.8%        | -73.3%       |   |
| % Upside            | 9%    | EPS (Rs)          | 1.7       | 6.2       | 10.9      | -75.3%        | -56.6%       |   |

| Name                 |            |                   | Dec'18E | Sep'18  | Dec'17  | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|----------------------|------------|-------------------|---------|---------|---------|--------------|--------------|---|
| HPCL                 |            |                   |         |         |         |              |              |   |
| CMP(Rs)              | 248        | Net Sales (Rs mn) | 657,585 | 675,180 | 574,743 | 14.4%        | -2.6%        | Core GRM increase at \$5.0/bbl, heavy inventory losses, 1%              |
| Mkt Cap (Rs bn)      | 378        | EBITDA (Rs mn)    | 4,524   | 30,086  | 31,585  | -85.7%       | -85.0%       | yoy marketing volume growth, flat marketing margin qoq, and forex gains |
| Reco                 | Buy        | EBITDA Margin (%) | 0.7     | 4.5     | 5.5     | -481 bps     | -377 bps     |   |
| Target Price (Rs)    | 290        | PAT (Rs mn)       | 2,347   | 10,920  | 19,497  | -88.0%       | -78.5%       |   |
| % Upside             | 17%        | EPS (Rs)          | 1.8     | 8.5     | 15.3    | -88.0%       | -78.5%       |   |
| Gujarat State Petror | net        |                   |         |         |         |              |              |   |
| CMP(Rs)              | 170        | Net Sales (Rs mn) | 4,633   | 4,870   | 3,502   | 32.3%        | -4.9%        | 3% qoq decline in volume and flat tariffs                               |
| Mkt Cap (Rs bn)      | 96         | EBITDA (Rs mn)    | 4,015   | 4,050   | 2,971   | 35.1%        | -0.9%        |   |
| Reco                 | Buy        | EBITDA Margin (%) | 86.7    | 83.2    | 84.8    | 181 bps      | 350 bps      |   |
| Target Price (Rs)    | 225        | PAT (Rs mn)       | 2,232   | 3,223   | 1,816   | 22.9%        | -31.0%       |   |
| % Upside             | 32%        | EPS (Rs)          | 4.0     | 5.7     | 3.2     | 22.9%        | -31.0%       |   |
| Indraprastha Gas     |            |                   |         |         |         |              |              |   |
| CMP(Rs)              | 271        | Net Sales (Rs mn) | 14,966  | 14,215  | 11,839  | 26.4%        | 5.3%         | 12% yoy volume growth, stronger EBITDA/scm at Rs6.0                     |
| Mkt Cap (Rs bn)      | 189        | EBITDA (Rs mn)    | 3,265   | 3,080   | 2,631   | 24.1%        | 6.0%         |   |
| Reco                 | Accumulate | EBITDA Margin (%) | 21.8    | 21.7    | 22.2    | -41 bps      | 15 bps       |   |
| Target Price (Rs)    | 325        | PAT (Rs mn)       | 1,984   | 1,873   | 1,659   | 19.6%        | 6.0%         |   |
| % Upside             | 20%        | EPS (Rs)          | 2.8     | 2.7     | 2.4     | 19.6%        | 6.0%         |   |

| Name                |       |                   | Dec'18E | Sep'18  | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|---------------------|-------|-------------------|---------|---------|--------|--------------|--------------|---|
| Gujarat Gas         |       |                   |         |         |        |              |              |   |
| CMP(Rs)             | 657   | Net Sales (Rs mn) | 20,659  | 19,644  | 15,713 | 31.5%        | 5.2%         |   |
| Mkt Cap (Rs bn)     | 91    | EBITDA (Rs mn)    | 2,423   | 1,801   | 1,999  | 21.2%        | 34.5%        | in EBITDA/scm at Rs4.1.                                 |
| Reco                | Buy   | EBITDA Margin (%) | 11.7    | 9.2     | 12.7   | -99 bps      | 256 bps      |   |
| Target Price (Rs)   | 865   | PAT (Rs mn)       | 853     | 604     | 600    | 42.2%        | 41.4%        |   |
| % Upside            | 32%   | EPS (Rs)          | 6.2     | 4.4     | 4.4    | 42.2%        | 41.4%        |   |
| Petronet LNG        |       |                   |         |         |        |              |              |   |
| CMP(Rs)             | 220   | Net Sales (Rs mn) | 96,163  | 107,453 | 77,571 | 24.0%        | -10.5%       | 101%/6% Dahej/Kochi utilization; nil marketing margins. |
| Mkt Cap (Rs bn)     | 330   | EBITDA (Rs mn)    | 8,009   | 9,047   | 8,474  | -5.5%        | -11.5%       |   |
| Reco                | Buy   | EBITDA Margin (%) | 8.3     | 8.4     | 10.9   | -260 bps     | -9 bps       |   |
| Target Price (Rs)   | 300   | PAT (Rs mn)       | 4,787   | 5,629   | 5,288  | -9.5%        | -15.0%       |   |
| % Upside            | 36%   | EPS (Rs)          | 3.2     | 3.8     | 3.5    | -9.5%        | -15.0%       |   |
| Gulf Oil Lubricants |       |                   |         |         |        |              |              |   |
| CMP(Rs)             | 831   | Net Sales (Rs mn) | 4,249   | 4,172   | 3,559  | 19.4%        | 1.9%         | 21% yoy volume growth with 4% qoq margin increase.      |
| Mkt Cap (Rs bn)     | 41    | EBITDA (Rs mn)    | 751     | 714     | 616    | 22.0%        | 5.2%         |   |
| Reco                | Buy   | EBITDA Margin (%) | 17.7    | 17.1    | 17.3   | 38 bps       | 56 bps       |   |
| Target Price (Rs)   | 1,150 | PAT (Rs mn)       | 480     | 403     | 425    | 13.0%        | 19.2%        |   |
| % Upside            | 38%   | EPS (Rs)          | 9.7     | 8.1     | 8.5    | 13.0%        | 19.2%        |   |

#### **Pharmaceuticals**

- The cyclical pricing pressure on the sector is expected to abate from H2FY19, as the impact of the PBM consolidation starting to wane with a lesser probability for any further consolidation, given that the industry has shrunk from well over 8-9 players to about 2-3 over the past 4-5 years. In the past, each round of PBM M&As prompted generic companies to take a fresh round of price cuts even in portfolios in which there was no incremental increase in competition.
- The industry is at the beginning of a cyclical upturn due to: 1) a low earnings base of 2-3 years for most large-cap names; combined with the fast pace of approvals this means a window of 12-18 months where earnings can show a rapid recovery;
   2) several companies with significant USFDA-related regulatory issues appear to be coming close to finally rectifying their deficiencies. This should boost approvals and growth in the short term.
- Overall structural trends in the sector do not give any long-term comfort although the overall earnings decline is expected to bottom out in the near term. Apart from the PBM consolidation and its impact on pricing dynamics, we see a proactive USFDA as another structural headwind that is likely to diminish the long-term value of opportunities in the Complex Generics space in the coming years. Generally, most generic companies are in effect searching for a viable long-term business model.
- Top picks: in the large-cap space, our preferred pick is ARBP (Aurobindo Pharma), while we like SVLS (Suven Life) and GRAN (Granules India) in the mid-cap space.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

### Pharmaceutical

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| Aurobindo         |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 747        | Net Sales (Rs mn) | 48,339  | 47,514 | 43,361 | 11.5%        | 1.7%         | We expect US revenue to grow by ~5% on a yoy basis to USD315mn, supported by mid-sized opportunities like  |
| Mkt Cap (Rs bn)   | 437        | EBITDA (Rs mn)    | 10,735  | 10,260 | 10,256 | 4.7%         | 4.6%         | gInvanz, Sildenafil Citrate and gMyrbetriq coupled with  |
| Reco              | Buy        | EBITDA Margin (%) | 22.2    | 21.6   | 23.7   | -144 bps     | 62 bps       | favorable currency movement. We expect RoW to grow by ~15% yoy. We anticipate gross margins to expand by ~50bps  |
| Target Price (Rs) | 880        | PAT (Rs mn)       | 6,614   | 6,383  | 6,614  | 0.0%         | 3.6%         | sequentially. Key developments to look for are the decline in overall debt as well as the traction in the US injectables   |
| % Upside          | 18%        | EPS (Rs)          | 11.3    | 10.9   | 11.3   | 0.0%         | 3.6%         | business and commentary on the new business opportunities.   |
| Cadila Healthcare |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 349        | Net Sales (Rs mn) | 30,972  | 29,612 | 32,596 | -5.0%        | 4.6%         | We expect the US business to decline by ~20% yoy due to a high base because of gLialda in Q3FY18, while sequentially   |
| Mkt Cap (Rs bn)   | 357        | EBITDA (Rs mn)    | 7,298   | 6,878  | 8,412  | -13.2%       | 6.1%         | we anticipate the US business to grow by ~5% on the account<br>of the full quarter for own gAsacol HD and Androgen AG.<br>During the quarter, CDH has launched mid-sized opportunity<br>like gPrevacid. We estimate domestic revenue to remain   |
| Reco              | Accumulate | EBITDA Margin (%) | 23.6    | 23.2   | 25.8   | -224 bps     | 34 bps       |  |
| Target Price (Rs) | 400        | PAT (Rs mn)       | 4,344   | 4,175  | 5,433  | -20.1%       | 4.0%         | muted at Rs10.1bn on a higher base. Overall consolidated   |
| % Upside          | 15%        | EPS (Rs)          | 4.2     | 4.1    | 5.3    | -20.1%       | 4.0%         | revenue is estimated at Rs30.9bn, EBITDA at Rs7.2bn and PAT at Rs4.3bn. Key things to look for will be commentary on base business erosion and strategy on product launches.   |
| Cipla             |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 514        | Net Sales (Rs mn) | 38,761  | 40,119 | 39,138 | -1.0%        | -3.4%        | Expect a lackluster quarter for Cipla, due to the headwinds in sub-Saharan Africa and the Global Access business. We   |
| Mkt Cap (Rs bn)   | 414        | EBITDA (Rs mn)    | 7,021   | 7,528  | 8,187  | -14.2%       | -6.7%        | assume overall revenues and EBITDA to stand at Rs38.7bn<br>and Rs7.0bn, respectively. We project US revenues of<br>USD115mn, up ~15% yoy (up 6% qoq) on new launches like<br>gToprol XL, gAlbenza and gLotrel. Exports business could<br>benefit from the appreciation in the USD/EUR vs. INR. The key<br>thing to watch for will be the outlook on the tender business<br>and performance in other geographies. |
| Reco              | Hold       | EBITDA Margin (%) | 18.1    | 18.8   | 20.9   | -280 bps     | -65 bps      |  |
| Target Price (Rs) | 555        | PAT (Rs mn)       | 3,375   | 3,771  | 4,677  | -27.8%       | -10.5%       |  |
| % Upside          | 8%         | EPS (Rs)          | 4.2     | 4.7    | 5.8    | -27.8%       | -10.5%       |  |

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

### Pharmaceutical

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| Divi's Lab        |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 1,459      | Net Sales (Rs mn) | 11,895  | 12,850 | 10,379 | 14.6%        | -7.4%        | We expect robust growth in revenue, on healthy performance<br>of the generics and API segments. Overall, consolidated  |
| Mkt Cap (Rs bn)   | 387        | EBITDA (Rs mn)    | 4,524   | 5,141  | 3,261  | 38.7%        | -12.0%       | revenue is estimated at Rs11.9bn, EBITDA at Rs4.5bn, and<br>PAT at Rs3.3bn. The company will benefit from the INR's  |
| Reco              | Buy        | EBITDA Margin (%) | 38.0    | 40.0   | 31.4   | 661 bps      | -198 bps     | depreciation against the USD/EUR. Increased traction in  |
| Target Price (Rs) | 1,575      | PAT (Rs mn)       | 3,323   | 3,977  | 2,247  | 47.9%        | -16.4%       | Nutraceuticals should score a victory for the API giant.   |
| % Upside          | 8%         | EPS (Rs)          | 12.5    | 15.0   | 8.5    | 47.9%        | -16.4%       |  |
| Dr. Reddy's Lab   |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 2,571      | Net Sales (Rs mn) | 38,597  | 37,978 | 38,060 | 1.4%         | 1.6%         | We expect the US generics business to grow c.10% qoq primarily aided by the launch of gWelchol, gRenvela, gPrilosec  |
| Mkt Cap (Rs bn)   | 427        | EBITDA (Rs mn)    | 7,619   | 7,403  | 8,006  | -4.8%        | 2.9%         | of 10% yoy, supported by Derma and Anti Diabetic therapeutic   |
| Reco              | Accumulate | EBITDA Margin (%) | 19.7    | 19.5   | 21.0   | -129 bps     | 25 bps       |  |
| Target Price (Rs) | 2,865      | PAT (Rs mn)       | 4,017   | 5,038  | 3,663  | 9.7%         | -20.3%       | market. The cost rationalization program should help overall EBITDA margin to expand sequentially.   |
| % Upside          | 11%        | EPS (Rs)          | 24.2    | 30.3   | 22.1   | 9.7%         | -20.3%       |  |
| Glenmark Pharma   |            |                   |         |        |        |              |              | Expect the US generics business to grow ~12% yoy (up 10%   |
| CMP(Rs)           | 655        | Net Sales (Rs mn) | 26,285  | 25,813 | 22,037 | 19.3%        | 1.8%         | qoq) in CC terms, primarily aided by the strong traction by<br>niche products like gWelchol and gVagifem coupled with new<br>launches. Expect the domestic business to grow by ~13% yoy,<br>aided by a strong outperformance in Dermatology, Cardiac<br>and Gynecology therapeutic areas. We assume overall<br>revenue to come in at Rs26.3bn and EBITDA margin to<br>improve sequentially on the back of higher revenue growth.<br>PAT is estimated at Rs2.5bn. The key numbers to watch out<br>for would be overall net debt, overall business mix and<br>commentary on US pricing pressure. |
| Mkt Cap (Rs bn)   | 185        | EBITDA (Rs mn)    | 4,631   | 4,401  | 3,227  | 43.5%        | 5.2%         |  |
| Reco              | Hold       | EBITDA Margin (%) | 17.6    | 17.0   | 14.6   | 297 bps      | 57 bps       |  |
| Target Price (Rs) | 595        | PAT (Rs mn)       | 2,551   | 2,468  | 1,099  | 132.0%       | 3.4%         |  |
| % Upside          | -9%        | EPS (Rs)          | 9.0     | 8.7    | 3.9    | 132.0%       | 3.4%         |  |

## Pharmaceutical

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| Granules India    |            |                   |         |        |        |              |              | Expect robust performance to continue for GRAN with revenue  |
| CMP(Rs)           | 89         | Net Sales (Rs mn) | 5,447   | 5,809  | 4,107  | 32.6%        | -6.2%        | growth of c.33% yoy in Q3FY19. The rising utilization levels at the recently commissioned Paracetamol and Metformin facility |
| Mkt Cap (Rs bn)   | 23         | EBITDA (Rs mn)    | 969     | 1,005  | 740    | 30.9%        | -3.6%        | coupled with Omnichem JV turnaround to aid EBITDA margins expansion sequentially. Overall, we estimate EBITDA at             |
| Reco              | Buy        | EBITDA Margin (%) | 17.8    | 17.3   | 18.0   | -23 bps      | 49 bps       | Rs969mn and PAT at Rs542mn. We expect EBITDA margins to improve further to ~18%, as GRAN is able to pass on the              |
| Target Price (Rs) | 141        | PAT (Rs mn)       | 542     | 603    | 350    | 54.8%        | -10.1%       | cost inflation to its customers. Key things to watch out for<br>would be commentary on raw material cost inflation and       |
| % Upside          | 58%        | EPS (Rs)          | 2.1     | 2.4    | 1.4    | 54.8%        | -10.1%       | business mix.  |
| IPCA Lab          |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 775        | Net Sales (Rs mn) | 9,592   | 9,978  | 8,592  | 11.6%        | -3.9%        | We believe IPCA Labs to report revenue growth of ~12% yoy,<br>driven by healthy growth in Domestic formulation (up 12% yoy)  |
| Mkt Cap (Rs bn)   | 98         | EBITDA (Rs mn)    | 1,688   | 1,728  | 1,612  | 4.7%         | -2.3%        | and Export Formulations (up ~9% yoy) businesses. The overall API segment is expected to grow by ~13% yoy.                    |
| Reco              | Accumulate | EBITDA Margin (%) | 17.6    | 17.3   | 18.8   | -117 bps     | 28 bps       | Consequently, we expect EBIDTA margin to expand slightly by 28bps qoq to ~18%, on the back of higher contribution from       |
| Target Price (Rs) | 870        | PAT (Rs mn)       | 1,134   | 1,198  | 1,056  | 7.4%         | -5.3%        | Export Formulations. The spotlight will be on management commentary on facilities remediation progress and updates on        |
| % Upside          | 12%        | EPS (Rs)          | 9.0     | 9.5    | 8.4    | 7.4%         | -5.3%        | global fund supplies.  |
| Lupin             |            |                   |         |        |        |              |              | Q3FY19 to be muted quarter for Lupin, given the drought of   |
| CMP(Rs)           | 842        | Net Sales (Rs mn) | 40,262  | 39,511 | 39,756 | 1.3%         | 1.9%         | high-value launches within the US geography. We expect a few new launches (like gMepron, gDacogen and gRapaflo) will         |
| Mkt Cap (Rs bn)   | 381        | EBITDA (Rs mn)    | 5,816   | 5,496  | 6,883  | -15.5%       | 5.8%         | offset the pricing pressure in the base portfolio. We project US revenue of ~US\$172mn, down ~7% yoy in CC terms and also    |
| Reco              | Hold       | EBITDA Margin (%) | 14.4    | 13.9   | 17.3   |              | 53 bps       | expect the Japan region remain to under pressure. Overall, we  |
| Target Price (Rs) | 920        | PAT (Rs mn)       | 2,417   | 2,660  | 2,222  | 8.7%         | -9.1%        | expect revenue of Rs40.2bn, EBITDA of Rs5.8bn and EBITDA margin of ~14%. Key things to look for would be commentary          |
| % Upside          | 9%         | EPS (Rs)          | 5.4     | 5.9    | 4.9    | 8.7%         | -9.1%        | on the progress of remediation for Goa and Indore facilities<br>and product pipeline.  |

## Pharmaceutical

| Name               |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|--------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| Sun Pharma         |            |                   |         |        |        |              |              |  |
| CMP(Rs)            | 448        | Net Sales (Rs mn) | 72,378  | 69,376 | 66,532 | 8.8%         | 4.3%         | Expect US revenue to improve in Q3FY19, owing to the clearance of Halol facility and the ramp-up in specialty              |
| Mkt Cap (Rs bn)    | 1,075      | EBITDA (Rs mn)    | 15,907  | 15,312 | 14,534 | 9.4%         | 3.9%         | portfolio. RoW and Emerging market business is expected to grow by ~4% and ~10%, respectively. We assume overall           |
| Reco               | Hold       | EBITDA Margin (%) | 22.0    | 22.1   | 21.8   | 13 bps       | -9 bps       | revenue and EBITDA of Rs72.3bn and Rs15.9bn with an EBITDA margin of ~22%. Margins are expected to remain flat             |
| Target Price (Rs)  | 595        | PAT (Rs mn)       | 10,259  | 9,956  | 8,784  | 16.8%        | 3.0%         |  |
| % Upside           | 33%        | EPS (Rs)          | 4.3     | 4.1    | 3.7    | 16.8%        | 3.0%         |  |
| Suven Life Science | s          |                   |         |        |        |              |              |  |
| CMP(Rs)            | 229        | Net Sales (Rs mn) | 1,440   | 895    | 1,637  | -12.0%       | 60.8%        | Revenues should remain volatile across core CRAMS and the  |
| Mkt Cap (Rs bn)    | 29         | EBITDA (Rs mn)    | 394     | 244    | 514    | -23.4%       | 61.3%        | specialty chemicals segment. We expect these segments to decline on a yoy basis due to higher base in Q3FY18. We           |
| Reco               | Buy        | EBITDA Margin (%) | 27.3    | 27.3   | 31.4   | -406 bps     | 7 bps        | estimate EBITDA margins to come in at ~27% and PAT to stand at Rs288mn. We find tailwinds in the underlying                |
| Target Price (Rs)  | 350        | PAT (Rs mn)       | 288     | 180    | 346    | -16.8%       | 59.8%        | business of SVLS and expect core CRAMs to deliver ~15% revenue growth annually.  |
| % Upside           | 53%        | EPS (Rs)          | 2.3     | 1.4    | 2.7    | -16.8%       | 59.8%        |  |
| Torrent Pharma     |            |                   |         |        |        |              |              |  |
| CMP(Rs)            | 1,817      | Net Sales (Rs mn) | 18,724  | 18,940 | 14,770 | 26.8%        | -1.1%        | We build in a revenue growth of ~12% yoy (ex-Unichem   |
| Mkt Cap (Rs bn)    | 308        | EBITDA (Rs mn)    | 5,015   | 4,980  | 3,590  | 39.7%        | 0.7%         | portfolio), primarily driven by healthy growth in the domestic business, and traction in Germany and US region on the back |
| Reco               | Accumulate | EBITDA Margin (%) | 26.8    | 26.3   | 24.3   | 248 bps      | 49 bps       | of new launches. We expect the Unichem portfolio to contribute ~Rs2.1bn to the top-line. We estimate overall               |
| Target Price (Rs)  | 1,850      | PAT (Rs mn)       | 1,863   | 2,040  | 1,720  | 8.3%         | -8.7%        | revenue at Rs18.7bn with EBITDA of ~27%. We expect RoW region to grow by ~10% yoy. Key thing to look for will be           |
| % Upside           | 2%         | EPS (Rs)          | 11.0    | 12.1   | 10.2   | 8.3%         | -8.7%        | commentary on Unichem's contribution and outlook for the US business.  |

- India's electricity generation during October-November 2018 increased 8.5% yoy to 229.7bn units, with October 2018 witnessing the highest ever generation as well as demand, which stood at 121.8bn units. Power generation in the coal segment improved 8.3% yoy, while it rose 13.2% yoy and 22.8% yoy in the hydro and renewable segments, respectively. Generation, however, dipped 8.7% yoy in the nuclear segment, while it was flat for the gas segment.
- The supply position of coal continued to be tepid throughout the quarter, with 23 plants facing sub-critical level of inventory in November 2018 vs. 13 plants in December 2017. Average peak and base deficits improved to 0.5% and 0.9% yoy in Q3FY19 vs. 0.7% and 1.5% in Q3FY18, respectively. The average spot rate on the exchange increased significantly by 20.8% yoy and 11.6% qoq to Rs4.3/unit during the three-month period. Net capacity additions in Q3FY19 across the conventional space stood at 555MW (NTPC's 705MW Badarpur project was retired during the quarter).
  - Strong results: CESC, NTPC, GIPCL and PGCIL are likely to register strong earnings growth in Q3FY19. In our view, NTPC's earnings will be driven by improved PAF. GIPCL's growth will be supported by better earnings from the commissioning of its renewable projects and performance improvement of its Surat plant. CESC will benefit from strong demand, which has also benefitted the scheduling of its untied Dhariwal project. PGCIL expected to report strong capitalization of Rs120bn in Q3FY19.
  - Weak results: NHPC is likely to post weak Q3FY19 earnings due to the high-base effect stemming from the receipt of dividend from THDC in Q3FY18. JSW Energy is also likely to record negative earnings growth due to steep depreciation of rupee, partially offset by higher merchant rates during the quarter.
  - Overall sector view: Third quarter of FY19 is expected to see broadly positive results for our coverage companies. Power Grid Corporation's growth should come on the back of strong capitalization, while NTPC's should be driven by better availability during the quarter. Strong demand will drive CESC's earnings, while depreciating rupee could impact JSW Energy's Q3FY19 earnings.
  - While the sector is plagued by fuel shortages and lack of long-term PPAs due to distress discoms' financials, recent government initiatives the Saubhagya scheme, auctioning of coal and gas linkages and the SHAKTI policy - may unblock the policy logjam. Investors should continue to focus on earnings, valuations, and risk profile.
  - Our top stock picks: Power Grid (Buy, TP Rs237, CMP Rs198; 1.4x FY20 book; strong capex and capitalization for the next five years), CESC (Buy, TP Rs868, CMP Rs862; 0.8x FY20 book; demerger to be value accretive), and NTPC (Buy, TP Rs200, CMP Rs149; 0.9x FY20 book; risk-averse regulatory business model and attractive valuation).

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports, analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

| Name                 |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|----------------------|------|-------------------|---------|--------|--------|--------------|--------------|--|
| CESC                 |      |                   |         |        |        |              |              |  |
| CMP(Rs)              | 654  | Net Sales (Rs mn) | 18,748  | 22,200 | 17,060 | 9.9%         | -15.6%       | Standalone generation is likely to remain flat on a yoy basis at   |
| Mkt Cap (Rs bn)      | 87   | EBITDA (Rs mn)    | 3,101   | 5,110  | 2,760  | 12.3%        | -39.3%       | 1.4bn units. Power purchases are likely to rise by 8.7% yoy to 1.4bn units. PAT is also expected to increase by 10.1% yoy to |
| Reco                 | Buy  | EBITDA Margin (%) | 16.5    | 23.0   | 16.2   | 36 bps       | -648 bps     | Rs1.7bn, implying a core quarterly RoE of 3.6%. The company has won a distribution franchisee of Malegaon circle in          |
| Target Price (Rs)    | 868  | PAT (Rs mn)       | 1,696   | 2,710  | 1,540  | 10.1%        | -37.4%       | Maharashtra. Spencer's and CESC Ventures are likely to be listed on the stock exchange by the third-fourth week of           |
| % Upside             | 33%  | EPS (Rs)          | 12.7    | 20.3   | 11.6   | 10.1%        | -37.4%       | January 2019.  |
| Gujarat Industries P | ower |                   |         |        |        |              |              | Electricity generation in Q3FY19 is likely to increase 5.1% yoy  |
| CMP(Rs)              | 80   | Net Sales (Rs mn) | 3,832   | 3,612  | 3,426  | 11.8%        | 6.1%         | to 1.24bn units, driven by incremental generation from the commissioning of renewable projects and higher generation at      |
| Mkt Cap (Rs bn)      | 12   | EBITDA (Rs mn)    | 1,497   | 1,467  | 1,178  | 27.1%        | 2.0%         | the Surat plant. Consequently, PLF is expected to improve<br>across both the units of Surat plant. Revenue is likely to grow |
| Reco                 | Buy  | EBITDA Margin (%) | 39.1    | 40.6   | 34.4   | 468 bps      | -155 bps     | by 11.8% yoy, while net profit is expected to soar 26.3% yoy to Rs747mn in Q3FY19.   |
| Target Price (Rs)    | 137  | PAT (Rs mn)       | 747     | 998    | 591    | 26.3%        | -25.2%       | Key things to watch out for: (1) PLF across its wind and solar   |
| % Upside             | 71%  | EPS (Rs)          | 4.9     | 6.6    | 3.9    | 26.3%        | -25.2%       | plants and (2) execution progress at its new solar project.  |
| JSW Energy           |      |                   |         |        |        |              |              |  |
| CMP(Rs)              | 70   | Net Sales (Rs mn) | 21,446  | 24,308 | 19,932 | 7.6%         | -11.8%       | Overall generation is likely to increase 5.8% yoy, driven by   |
| Mkt Cap (Rs bn)      | 115  | EBITDA (Rs mn)    | 5,844   | 8,613  | 5,807  | 0.6%         | -32.1%       |  |
| Reco                 | Hold | EBITDA Margin (%) | 27.3    | 35.4   | 29.1   | -188 bps     | -818 bps     | expected to increase by 5.8% yoy, while in Barmer it expected to decrease 7.6% yoy. Realization is expected                  |
| Target Price (Rs)    | 73   | PAT (Rs mn)       | 659     | 2,843  | 722    | -8.7%        | -76.8%       | remain largely flat at Rs4.0/unit. Consequently, revenue is likely to rise by 7.6% yoy, whereas PAT is expected to drop by   |
| % Upside             | 4%   | EPS (Rs)          | 0.4     | 1.7    | 0.4    | -8.7%        | -76.8%       | 8.7% yoy to Rs659mn, primarily due to higher international coal prices and depreciating rupee during the quarter.            |

| Name               |       |                   | Dec'18E  | Sep'18   | Dec'17   | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|--------------------|-------|-------------------|----------|----------|----------|--------------|--------------|--|
| NHPC               |       |                   |          |          |          |              |              |  |
| CMP(Rs)            | 26    | Net Sales (Rs mn) | 16,060   | 24,950   | 14,979   | 7.2%         | -35.6%       | We estimate revenue to increase 7.2% yoy to Rs16.1bn as  |
| Mkt Cap (Rs bn)    | 266   | EBITDA (Rs mn)    | 8,740    | 15,966   | 7,843    | 11.4%        | -45.3%       | electricity generation is expected to surge 19.3% yoy to 4.1bn<br>units and realization is expected to grow marginally by 1.9% |
| Reco               | Buy   | EBITDA Margin (%) | 54.4     | 64.0     | 52.4     | 206 bps      | -957 bps     | yoy to Rs4.5/unit. PAT, however, is expected to fall 3.1% yoy on reported basis, primarily due to higher Q3FY18 base,          |
| Target Price (Rs)  | 31    | PAT (Rs mn)       | 6,650    | 12,031   | 6,864    | -3.1%        | -44.7%       | driven by the receipt of Rs2.37bn in dividends from THDC. Key things to watch for: 1) PAF for the guarter and 2) status of     |
| % Upside           | 19%   | EPS (Rs)          | 0.6      | 1.1      | 0.6      | -3.1%        | -44.7%       | under construction plants, mainly Subansiri.   |
| NTPC               |       |                   |          |          |          |              |              |  |
| CMP(Rs)            | 147   | Net Sales (Rs mn) | 2,26,054 | 2,23,115 | 2,08,507 | 8.4%         | 1.3%         | NTPC's power generation is expected to remain flat on yoy  |
| Mkt Cap (Rs bn)    | 1,212 | EBITDA (Rs mn)    | 58,731   | 56,427   | 55,953   | 5.0%         | 4.1%         | basis at 68.1bn units. Fuel costs are likely to rise 6.0% yoy to Rs2.1/unit. Tariff rate likely to increase by 8.0% yoy to     |
| Reco               | Buy   | EBITDA Margin (%) | 26.0     | 25.3     | 26.8     | -85 bps      | 69 bps       |  |
| Target Price (Rs)  | 200   | PAT (Rs mn)       | 27,031   | 24,260   | 23,608   | 14.5%        | 11.4%        | quarter. NTPC's PAF improved to 87.8% yoy during Q3FY19 vs. 87.2% in Q3FY18 and 86% qoq. Key things to watch for:              |
| % Upside           | 36%   | EPS (Rs)          | 3.3      | 2.9      | 2.9      | 14.5%        | 11.4%        | 1) coal supply and 2) adj previous year sales.   |
| Power Grid Corpora | tion  |                   |          |          |          |              |              |  |
| CMP(Rs)            | 198   | Net Sales (Rs mn) | 83,838   | 82,830   | 75,070   | 11.7%        | 1.2%         | PGCIL is expected to report a strong capitalization (of  |
| Mkt Cap (Rs bn)    | 1,038 | EBITDA (Rs mn)    | 71,463   | 69,725   | 67,383   | 6.1%         | 2.5%         | Rs120bn) and PAT of Rs23.8bn (+16.9% yoy). This comes<br>the back of strong capitalization of Rs229bn in the past o            |
| Reco               | Buy   | EBITDA Margin (%) | 85.2     | 84.2     | 89.8     | -452 bps     | 106 bps      | year. Revenue is tipped to rise 11.7% yoy to Rs83.8bn. EBITDA is also expected to increase 6.1% yoy to Rs71.5bn.               |
| Target Price (Rs)  | 237   | PAT (Rs mn)       | 23,848   | 23,095   | 20,408   | 16.9%        | 3.3%         | We expect Rs62bn in capex for the quarter.   |
| % Upside           | 19%   | EPS (Rs)          | 4.6      | 4.4      | 3.9      | 16.9%        | 3.3%         |  |

| Name              |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-----|-------------------|---------|--------|--------|--------------|--------------|--|
| Reliance Power    |     |                   |         |        |        |              |              |  |
| CMP(Rs)           | 30  | Net Sales (Rs mn) | 24,829  | 22,831 | 24,947 | -0.5%        | 8.8%         | Reliance Power is expected to clock 6.4% yoy PAT growth to   |
| Mkt Cap (Rs bn)   | 85  | EBITDA (Rs mn)    | 12,030  | 11,167 | 11,958 | 0.6%         | 7.7%         | Rs3.0bn. PLF for Rosa is likely to drop to 39.1% in Q3FY19 from 73.1% yoy due to lower offtake. PLF for Butibori is also |
| Reco              | Buy | EBITDA Margin (%) | 48.5    | 48.9   | 47.9   | 51 bps       | -46 bps      | expected to slump to 56.7% from 80.1% yoy, while that of Sasan is expected to climb to 98.3% vs. 94.6% yoy.              |
| Target Price (Rs) | 49  | PAT (Rs mn)       | 2,984   | 2,434  | 2,803  | 6.4%         | 22.6%        | Key things to watch for: 1) fuel supply at Rosa and 2) status of   |
| % Upside          | 61% | EPS (Rs)          | 1.1     | 0.9    | 1.0    | 6.4%         | 22.6%        | the Bangladesh project   |

For our retail coverage, we expect strong growth in Q3FY19, driven by festive demand and season sales during the quarter. Revenue/EBITDA/PAT growth expectations for our coverage are 17%/22%/26%. We expect most retailers to post double-digit top-line growth and expansion in margins, led by operating leverage and cost efficiencies. Our preferred stock picks include Titan, Jubilant FoodWorks and, ABFRL.

- Festive season should contribute positively towards top-line growth for retailers. Titan is likely to report strong top-line growth of 23%, driven by robust performance of its jewelry segment, which is expected to grow by 24% compared with 16% in H1FY19. We estimate ABFRL to also record strong growth of about 13%, supported by better SSG's across Madura Fashions and Pantaloons. Considering last year's high base, we expect SSG for Jubilant to slowdown but still remain healthy at 13%, driving overall top-line growth of 15%. Future Lifestyle is also expected to register a robust quarter, with strong SSG for Central and Brand Factory. We expect moderate recovery for Page Industries against the Q2FY19 setback. However, overall growth is likely come at below targeted guidance.
- Most fashion retailers to see margin expansion We expect strong SSGs and cost efficiencies to aid margin expansion for fashion retailers ABFRL, FLFL, Page, Raymond and Shoppers Stop. Jubilant and Titan should report broadly stable margins due to inflationary pressures and higher ad spends, respectively.
- **Key monitorables -** SSG trends and management commentary on demand outlook and competition from ecommerce players.

| Name               |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|--------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| ABFRL              |            |                   |         |        |        |              |              |  |
| CMP(Rs)            | 209        | Net Sales (Rs mn) | 20,936  | 20,073 | 18,550 | 12.9%        | 4.3%         |  |
| Mkt Cap (Rs bn)    | 161        | EBITDA (Rs mn)    | 1,757   | 1,428  | 1,380  | 27.3%        | 23.1%        | respectively, with an improvement in SSGs owing to strong festive season demand.   |
| Reco               | Accumulate | EBITDA Margin (%) | 8.4     | 7.1    | 7.4    | 95 bps       | 128 bps      | Margin expansion to continue on account of higher profitability from Pantaloons and lower losses in fast fashion (Q3FY18 |
| Target Price (Rs)  | 200        | PAT (Rs mn)       | 657     | 427    | 350    | 87.8%        | 53.8%        | includes a write-off of Rs160mn).  |
| % Upside           | -4%        | EPS (Rs)          | 0.9     | 0.6    | 0.5    | 87.8%        | 53.8%        |  |
| Future Lifestyle   |            |                   |         |        |        |              |              |  |
| CMP(Rs)            | 389        | Net Sales (Rs mn) | 14,585  | 13,360 | 12,256 | 19.0%        | 9.2%         | We expect strong SSG for Central and Brand Factory.  |
| Mkt Cap (Rs bn)    | 76         | EBITDA (Rs mn)    | 1,405   | 1,224  | 1,149  | 22.3%        | 14.8%        | Margin expansion to be driven by operating leverage.   |
| Reco               | Buy        | EBITDA Margin (%) | 9.6     | 9.2    | 9.4    | 26 bps       | 47 bps       |  |
| Target Price (Rs)  | 535        | PAT (Rs mn)       | 526     | 374    | 444    | 18.3%        | 40.7%        |  |
| % Upside           | 37%        | EPS (Rs)          | 2.8     | 2.0    | 2.3    | 18.3%        | 40.7%        |  |
| Jubilant FoodWorks | 6          |                   |         |        |        |              |              |  |
| CMP(Rs)            | 1,240      | Net Sales (Rs mn) | 9,137   | 8,814  | 7,952  | 14.9%        | 3.7%         | We estimate top-line growth to be driven by a slower but still healthy SSC of $12\%$ despite the bigh base               |
| Mkt Cap (Rs bn)    | 164        | EBITDA (Rs mn)    | 1,571   | 1,475  | 1,369  | 14.8%        | 6.5%         | healthy SSG of 13%, despite the high base.<br>Commodity prices are benign but rising employee costs and                  |
| Reco               | Accumulate | EBITDA Margin (%) | 17.2    | 16.7   | 17.2   | -2 bps       | 46 bps       | crude led inflation may keep margins flat.   |
| Target Price (Rs)  | 1,450      | PAT (Rs mn)       | 833     | 777    | 660    | 26.1%        | 7.2%         |  |
| % Upside           | 17%        | EPS (Rs)          | 12.6    | 11.8   | 10.0   | 26.1%        | 7.2%         |  |

| Name              |        |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|--------|-------------------|---------|--------|--------|--------------|--------------|---|
| Page Industries   |        |                   |         |        |        |              |              |   |
| CMP(Rs)           | 22,937 | Net Sales (Rs mn) | 7,044   | 6,908  | 6,210  | 13.4%        | 2.0%         | Expect moderate recovery vs. Q2. Overall top-line growth to   |
| Mkt Cap (Rs bn)   | 256    | EBITDA (Rs mn)    | 1,482   | 1,428  | 1,289  | 15.0%        | 3.8%         | be still below targeted growth guidance.<br>Price hikes to offset inflationary cost pressures, leading to |
| Reco              | Hold   | EBITDA Margin (%) | 21.0    | 20.7   | 20.8   | 29 bps       | 36 bps       | EBITDA margin improvement.  |
| Target Price (Rs) | 26,600 | PAT (Rs mn)       | 967     | 926    | 834    | 15.9%        | 4.4%         |   |
| % Upside          | 16%    | EPS (Rs)          | 86.7    | 83.0   | 74.8   | 15.9%        | 4.4%         |   |
| Raymond           |        |                   |         |        |        |              |              |   |
| CMP(Rs)           | 815    | Net Sales (Rs mn) | 16,898  | 18,478 | 14,842 | 13.8%        | -8.5%        | Raymond is expected to report stable performance in   |
| Mkt Cap (Rs bn)   | 50     | EBITDA (Rs mn)    | 1,431   | 1,864  | 1,015  | 40.9%        | -23.3%       | Q3FY19. This is attributed to growth of textiles (13%) and apparels segments (15%).                       |
| Reco              | Buy    | EBITDA Margin (%) | 8.5     | 10.1   | 6.8    | 163 bps      | -162 bps     | Focus on operational efficiencies should help margin expansion.   |
| Target Price (Rs) | 1,000  | PAT (Rs mn)       | 393     | 635    | 288    | 36.2%        | -38.2%       | expansion.  |
| % Upside          | 23%    | EPS (Rs)          | 6.4     | 10.3   | 4.7    | 36.2%        | -38.2%       |   |
| Shoppers Stop     |        |                   |         |        |        |              |              |   |
| CMP(Rs)           | 505    | Net Sales (Rs mn) | 9,921   | 8,645  | 9,632  | 3.0%         | 14.8%        | Shoppers Stop expected to report mid-single digit SSG   |
| Mkt Cap (Rs bn)   | 44     | EBITDA (Rs mn)    | 854     | 540    | 794    | 7.7%         | 58.1%        | EBITDA margin improvement should continue due to cost savings and higher focus on private labels.         |
| Reco              | Hold   | EBITDA Margin (%) | 8.6     | 6.3    | 8.2    | 37 bps       | 236 bps      |   |
| Target Price (Rs) | 555    | PAT (Rs mn)       | 396     | 132    | 330    | 20.1%        | 199.9%       |   |
| % Upside          | 10%    | EPS (Rs)          | 4.5     | 1.5    | 4.0    | 13.8%        | 199.9%       |   |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|---|
| Titan Company     |            |                   |         |        |        |              |              |   |
| CMP(Rs)           | 946        | Net Sales (Rs mn) | 51,834  | 44,068 | 42,248 | 22.7%        | 17.6%        | Expect a strong quarter with jewelry growth of 24% (vs. 16%   |
| Mkt Cap (Rs bn)   | 840        | EBITDA (Rs mn)    | 5,452   | 4,671  | 4,447  | 22.6%        | 16.7%        | in H1FY19), driven by market share gains from new collections and network expansion.                                      |
| Reco              | Accumulate | EBITDA Margin (%) | 10.5    | 10.6   | 10.5   | -1 bps       | -8 bps       | EBITDA margins expected to be flat during the quarter, given a significant increase in ad spends in the watches division. |
| Target Price (Rs) | 1,000      | PAT (Rs mn)       | 3,745   | 3,144  | 3,082  | 21.5%        | 19.1%        | a significant increase in ad spends in the watches division.  |
| % Upside          | 6%         | EPS (Rs)          | 4.2     | 3.5    | 3.5    | 21.5%        | 19.1%        |   |

In our Specialty Chemicals coverage universe (ex. Tata Chemical whose numbers are not comparable since it exited the fertilizer business), we expect overall sector revenue growth to be 19% yoy. EBITDA is likely to see 24% yoy growth on the back of an improvement in operational performance. However, due to higher tax rate and lower other income, overall net profit is likely to increase by only 14% yoy.

- Fluorine chemistry-based companies are likely to witness decent revenue growth although with some margin contraction due to increased raw material prices. Fluorspar prices are up by 40+% yoy. SRF's specialty chemicals businesses are likely to demonstrate strong revenue performance, thanks to strong exports at key clients. SRF could post some inventory losses in the Textile and Packaging businesses due a sharp decline in the prices of key raw-materials. However, Navin Fluorine's speciality chemical business is likely to show muted revenue growth due to the lower traction in exports. Navin is expected to post strong performance in CRAMs business.
- The Enzyme chemistry universe should show muted revenue growth on a yoy basis due to subdued demand from top clients.
- Emersion polymer chemistry-based companies (BASF and Apcotex) should continue to post strong show on the revenue front, with flat margin performance.
- Toluene chemistry (Vinati Organics) universe is likely to post robust revenue growth with stable margin amid a better demand scenario for key products such as IBB, ATBS, and speciality chemicals.
- The impact of higher coal prices during the quarter was partially mitigated by better realization in the soda ash business. GHCL and Tata Chemical are likely to report healthy revenue growth in soda-ash. GHCL can surprise in the textile segment, driven by a better-than-expected turnaround in the Home Textile business.

| Name               |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|--------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| Advance Enzymes    |            |                   |         |        |        |              |              |  |
| CMP(Rs)            | 171        | Net Sales (Rs mn) | 1,153   | 1,032  | 1,082  | 6.6%         | 11.8%        | We expect revenue to increase marginally by 6.6% yoy due to  |
| Mkt Cap (Rs bn)    | 19         | EBITDA (Rs mn)    | 470     | 421    | 452    | 4.2%         | 11.7%        | muted demand from top clients. The Human segment is likely<br>to lead the way. Improvement in revenue from the high-margin |
| Reco               | Buy        | EBITDA Margin (%) | 40.8    | 40.8   | 41.7   | -94 bps      | -4 bps       | Human segment could marginally offset higher other expenses and employee cost post the Evoxx acquisition.                  |
| Target Price (Rs)  | 333        | PAT (Rs mn)       | 275     | 247    | 252    | 9.0%         | 11.0%        | EBITDA margin, on a yoy basis, could contract 94bps yoy. PAT is expected to grow by 9% yoy to Rs275mn.                     |
| % Upside           | 95%        | EPS (Rs)          | 2.5     | 2.2    | 2.3    | 9.0%         | 11.0%        |  |
| Apcotex Industries |            |                   |         |        |        |              |              |  |
| CMP(Rs)            | 527        | Net Sales (Rs mn) | 1,627   | 1,601  | 1,379  | 18.0%        | 1.6%         | We expect revenue to increase 18% yoy, led by volume and   |
| Mkt Cap (Rs bn)    | 11         | EBITDA (Rs mn)    | 185     | 196    | 173    | 7.0%         | -5.5%        | realization growth. We expect strong growth in Latex and Nitrile Rubber businesses. EBITDA margin is expected to           |
| Reco               | Buy        | EBITDA Margin (%) | 11.4    | 12.3   | 12.6   | -117 bps     | -87 bps      | contract by 117bps yoy due to the fluctuation in raw material prices. PAT is likely to decline by 8% yoy on lower other    |
| Target Price (Rs)  | 686        | PAT (Rs mn)       | 123     | 101    | 134    | -8.0%        | 21.9%        | income.  |
| % Upside           | 30%        | EPS (Rs)          | 5.7     | 4.6    | 6.5    | -12.2%       | 21.9%        |  |
| BASF India         |            |                   |         |        |        |              |              |  |
| CMP(Rs)            | 1,520      | Net Sales (Rs mn) | 14,680  | 16,755 | 12,787 | 14.8%        | -12.4%       | We expect revenue to increase by 14.8% yoy, led by decent  |
| Mkt Cap (Rs bn)    | 66         | EBITDA (Rs mn)    | 734     | 681    | 679    | 8.1%         | 7.7%         | performance in Agri Solutions and Functional Materials<br>Solutions. EBITDA margin is likely to remain flat yoy.           |
| Reco               | Accumulate | EBITDA Margin (%) | 5.0     | 4.1    | 5.3    | -31 bps      | 93 bps       |  |
| Target Price (Rs)  | 2,212      | PAT (Rs mn)       | 149     | 93     | -9     | n.a          | 59.8%        | of Rs9mn in Q3FY18.  |
| % Upside           | 46%        | EPS (Rs)          | 3.4     | 2.2    | -0.2   | n.a          | 59.8%        |  |

| Name                |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|---------------------|------|-------------------|---------|--------|--------|--------------|--------------|---|
| Camlin Fine Science |      |                   |         |        |        |              |              |   |
| CMP(Rs)             | 53   | Net Sales (Rs mn) | 2,293   | 2,013  | 2,067  | 10.9%        | 13.9%        | Revenue is expected to rise by 10.9% yoy due to incremental   |
| Mkt Cap (Rs bn)     | 6    | EBITDA (Rs mn)    | 160     | 172    | 46     | 245.7%       | -6.8%        | sales from the Aroma business post consolidation of China JV and good traction in the Blend business. Healthy growth in the |
| Reco                | Buy  | EBITDA Margin (%) | 7.0     | 8.5    | 2.2    | 475 bps      | -155 bps     |   |
| Target Price (Rs)   | 183  | PAT (Rs mn)       | -36     | 13     | -50    | n.a          | n.a          | Q3FY18). However, due to adverse currency movement the other income will be low. As a result, Camlin is likely to post      |
| % Upside            | 243% | EPS (Rs)          | -0.3    | 0.1    | -0.4   | n.a          | n.a          | loss of Rs36mn vs. a loss of Rs50mn in Q3FY18.  |
| GHCL                |      |                   |         |        |        |              |              |   |
| CMP(Rs)             | 242  | Net Sales (Rs mn) | 8,095   | 8,354  | 7,179  | 12.8%        | -3.1%        | Revenue is expected to increase 12.8% yoy on better Soda  |
| Mkt Cap (Rs bn)     | 24   | EBITDA (Rs mn)    | 1,700   | 1,752  | 1,382  | 23.0%        | -3.0%        | Ash business aided by recovery in the Home Textile segment.<br>The Home Textiles business is likely to sustain the last     |
| Reco                | Buy  | EBITDA Margin (%) | 21.0    | 21.0   | 19.2   | 175 bps      | 3 bps        | and operational levels i levels, and to higher bear photos, bear  |
| Target Price (Rs)   | 358  | PAT (Rs mn)       | 749     | 784    | 712    | 5.2%         | -4.5%        | ash margin could marginally contain overall EBITDA margin (up by 175bps yoy). PAT is expected at Rs749mn vs.                |
| % Upside            | 48%  | EPS (Rs)          | 7.7     | 8.0    | 7.3    | 5.2%         | -4.5%        | Rs712mn.  |
| Navin Fluorine      |      |                   |         |        |        |              |              | Navin is expected to report 18% revenue growth after  |
| CMP(Rs)             | 686  | Net Sales (Rs mn) | 2,320   | 2,417  | 2,215  | 4.8%         | -4.0%        | adjusting for Piramal JV numbers from last-year sales.<br>However, the company is expected to report 4.8% yoy growth        |
| Mkt Cap (Rs bn)     | 34   | EBITDA (Rs mn)    | 506     | 503    | 524    | -3.4%        | 0.5%         | in revenue on a reported basis. On a like-to-like basis, CRAMS business is expected to report 27% yoy growth. The specialty |
| Reco                | Buy  | EBITDA Margin (%) | 21.8    | 20.8   | 23.6   | -184 bps     | 97 bps       | chemical segment is likely to remain muted led by lower export<br>revenue. EBITDA margin is expected to contract 184bps yoy |
| Target Price (Rs)   | 922  | PAT (Rs mn)       | 336     | 342    | 477    | -29.6%       | -1.9%        | at 21.8% due to higher raw material prices. Fluorspar prices are up by more than 40% yoy. PAT is expected to drop by        |
| % Upside            | 34%  | EPS (Rs)          | 6.8     | 6.9    | 9.7    | -29.6%       | -1.9%        | 29.6% yoy (adversely affected by the removal of Pirama  |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|
| SRF               |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 2,025      | Net Sales (Rs mn) | 17,747  | 19,154 | 13,971 | 27.0%        | -7.3%        | SRF is expected to post 27% yoy revenue growth on the back   |
| Mkt Cap (Rs bn)   | 116        | EBITDA (Rs mn)    | 3,173   | 3,148  | 2,527  | 25.6%        | 0.8%         |  |
| Reco              | Buy        | EBITDA Margin (%) | 17.9    | 16.4   | 18.1   | -21 bps      | 144 bps      | expect EBITDA margin to contract marginally on raw material price fluctuations and capitalization of two Chemical plants.  |
| Target Price (Rs) | 2,409      | PAT (Rs mn)       | 1,365   | 1,512  | 1,312  | 4.0%         | -9.7%        | EBITDA margin is expected to report at 17.9% (vs. 18.1% in Q3FY18). Net profit is expected to grow in single digits due to |
| % Upside          | 19%        | EPS (Rs)          | 23.4    | 25.9   | 22.5   | 4.0%         | -9.7%        | higher depreciation and interest costs.  |
| Tata Chemicals    |            |                   |         |        |        |              |              |  |
| CMP(Rs)           | 700        | Net Sales (Rs mn) | 29,110  | 29,607 | 25,739 | 13.1%        | -1.7%        | Revenue is likely to increase 13% yoy on better standalone   |
| Mkt Cap (Rs bn)   | 178        | EBITDA (Rs mn)    | 5,968   | 6,020  | 5,626  | 6.1%         | -0.9%        |  |
| Reco              | Accumulate | EBITDA Margin (%) | 20.5    | 20.3   | 21.9   | -136 bps     | 17 bps       | marginally offset by the European business led by a discontinuation of the trading business. Higher raw material           |
| Target Price (Rs) | 804        | PAT (Rs mn)       | 2,775   | 3,217  | 5,584  | -50.3%       | -13.7%       | prices are likely to dent EBITDA margin by 136bps yoy. PAT is expected to register a 50% decline as last year there was    |
| % Upside          | 15%        | EPS (Rs)          | 10.9    | 12.6   | 21.9   | -50.3%       | -13.7%       | an exceptional gain from the sale of discontinued fertilizer business.   |
| Vinati Organics   |            | I                 |         |        |        |              |              |  |
| CMP(Rs)           | 1,606      | Net Sales (Rs mn) | 2,618   | 2,528  | 1,857  | 41.0%        | 3.5%         | Revenue is likely to jump 41% yoy due to a lower base, higher  |
| Mkt Cap (Rs bn)   | 83         | EBITDA (Rs mn)    | 877     | 952    | 498    | 75.9%        | -7.9%        | ATBS sales post the Lubrizol exit from the business in glo<br>markets coupled with better overall realization on higher cr |
| Reco              | Buy        | EBITDA Margin (%) | 33.5    | 37.7   | 26.8   | 665 bps      | -417 bps     | prices. EBITDA margin could improve by 665bps on economies of scale and higher ATBS and IBB sales. Lower                   |
| Target Price (Rs) | 1,715      | PAT (Rs mn)       | 617     | 650    | 317    | 94.3%        | -5.2%        | PAT base could result in a 94% yoy jump to Rs 617mn.   |
| % Upside          | 7%         | EPS (Rs)          | 12.0    | 12.7   | 6.2    | 94.3%        | -5.2%        |  |

#### Telecom

- On expected lines, the wireless revenue decline for service providers should see a deceleration, attributable to Minimum Recharge plans, while the underlying downtrading in post-paid should still continue. Strong subscriber additions on JIO Phone should continue to attract low-end subscribers from competitors. The full impact on tower rentals after the Vodafone-Idea (VIL) merger and the rise in network opex with continued site rollouts could affect BHARTI's EBITDA. The full-quarter impact of merger-related cost savings should drive EBITDA growth for VIL. We believe that JIO will continue to showcase robust subscriber additions, driven by the success of JIO Phone. While BHIN is expected to see a recovery in tenancy additions from JIO and Bharti, the full-quarter impact of the Idea-Vodafone merger is expected to restrict growth.
  - Bharti's India wireless business will have a negative impact from ICR renegotiation with TTSL, while the underlying decline in post-paid revenues will be largely offset by minimum recharge plans. Bharti's domestic wireless revenues are expected to decline by 1%, while ARPUs for Bharti/VIL are estimated to increase by 2%/3% qoq. Voice traffic for Bharti/Idea should increase by 1.4%/1% qoq, impacted by a fall in subscriber base. The subscriber base of Bharti/Idea is expected to fall by 8mn/11mn due to subscriber loss with the implementation of minimum recharge plans.
  - Data volume growth is likely to remain healthy qoq amid increased quantum of data offered in the existing plans and the reduction in tariffs. We estimate data volume growth of 20% qoq for both Bharti and VIL.
- Wireless EBITDA for Bharti should continue to fall due to a rise in network opex, while SG&A cost-savings should partially restrict the decline. Growth in Africa and Enterprise EBITDA should lead to flat EBITDA on a consolidated basis. VIL, on the other hand, should see ~28% qoq growth in EBITDA, driven by the full-quarter benefits of the initial cost synergies. Lower gross subscriber additions are expected to drive savings on SG&A for both the companies. Bharti's net loss would be restricted by lower MTM losses. Africa operations should see better performance, driven by: 1) continued growth in CC revenues; and 2) INR depreciation.
- Bharti Infratel: We estimate consolidated tower addition of 242 and a net tenancy increase of 5.7k vs. a decline of 26.2k in Q2FY19, resulting in a tenancy ratio of 1.94x vs 1.89x in 2Q. Energy margins are expected narrow to 6.4% from 7.2% in Q2FY19. Rental/month/tower will have the positive impact of aggressive loading from telcos.
- Tata Communications: Data revenues are expected to grow by 7% yoy, while EBITDA is expected to remain subdued due to the weak performance in the voice segment. Up-fronting of costs in growth services could have a negative impact on seasonally weak revenues.
- Maintain Hold rating on Bharti Infratel and Tata Communications. We have a Reduce rating on Bharti Airtel and a Sell rating on VIL.

## Telecom

| Name              |        |                   | Dec'18E  | Sep'18   | Dec'17   | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|--------|-------------------|----------|----------|----------|--------------|--------------|--|
| Bharti Airtel     |        |                   |          |          |          |              |              | India mobile revenue to decline 0.8% qoq to Rs101.7bn,   |
| CMP(Rs)           | 329    | Net Sales (Rs mn) | 2,05,742 | 2,04,225 | 2,03,186 | 1.3%         | 0.7%         | impacted by ICR renegotiation with TTSL, while the introduction of minimum recharge plans should offset the                    |
| Mkt Cap (Rs bn)   | 1,316  | EBITDA (Rs mn)    | 59,353   | 62,435   | 74,688   | -20.5%       | -4.9%        | impact of downtrading in post-paid revenues. India wireless ARPU is expected to witness a minor uptick (+2.2% qoq to           |
| Reco              | Reduce | EBITDA Margin (%) | 28.8     | 30.6     | 36.8     | -791 bps     | -172 bps     | Rs103). MOU and data usage should continue to grow, driven<br>by increasing acceptance of bundled plans. Minutes to            |
| Target Price (Rs) | 268    | PAT (Rs mn)       | -9,196   | 1,188    | 3,057    |              |              | increase 1.4% on a qoq basis, while data volume is estimated to increase 20% qoq. Increased network opex, led by               |
| % Upside          | -19%   | EPS (Rs)          | -2.3     | 0.3      | 0.8      |              |              | aggressive rollouts and the full-quarter impact of higher tower rentals with Vodafone-Idea merger to India wireless EBITDA.    |
|                   |        |                   |          |          |          |              |              | Africa revenue and EBITDA are expected to grow by 7% qoq<br>each. Lower MTM losses should restrict net loss.                   |
| Bharti Infratel   |        |                   |          |          |          |              |              | Rental revenue is expected to record a decline of 7.5% qoq,  |
| CMP(Rs)           | 298    | Net Sales (Rs mn) | 35,410   | 36,683   | 36,553   | -3.1%        | -3.5%        | affected by the full-quarter impact of Vodafone-Idea exits.<br>However, tenancy additions from Airtel and JIO would drive      |
| Mkt Cap (Rs bn)   | 551    | EBITDA (Rs mn)    | 13,200   | 14,864   | 15,982   | -17.4%       | -11.2%       |  |
| Reco              | Hold   | EBITDA Margin (%) | 37.3     | 40.5     | 43.7     | -645 bps     | -324 bps     | while total tenants to increase by 5.7k on a qoq basis, resulting<br>in a tenancy ratio of 1.94x vs. 1.9x in Q2FY19. We expect |
| Target Price (Rs) | 270    | PAT (Rs mn)       | 6,163    | 6,355    | 5,854    | 5.3%         | -3.0%        | energy margins of 6.4% vs. 7.2% in Q2FY19, and 6.9% in Q3FY18. For standalone and Indus, we expect tower additions             |
| % Upside          | -9%    | EPS (Rs)          | 3.3      | 3.4      | 3.2      | 5.3%         | -3.0%        | of 150 and 220, respectively.  |
| Idea Cellular*    |        |                   |          |          |          |              |              | Headline numbers would not be comparable on a qoq basis  |
| CMP(Rs)           | 37     | Net Sales (Rs mn) | 1,20,044 | 76,635   | 65,096   | 84.4%        | 56.6%        | due to merger (effective from 1st Sep'18). We believe the introduction of Minimum Recharge plans will restrict any             |
| Mkt Cap (Rs bn)   | 323    | EBITDA (Rs mn)    | 14,086   | 4,614    | 12,234   | 15.1%        | 205.3%       | further decline in wireless revenues and will offset post-pa<br>downtrading. Blended ARPU to increase by 3% qoq to Rs          |
| Reco              | Sell   | EBITDA Margin (%) | 11.7     | 6.0      | 18.8     | -706 bps     | 571 bps      | led by the introduction of minimum recharge plans leading to a fall in subscribers (-11mn qoq). MOU to rebound by 4% qoq.      |
| Target Price (Rs) | 33     | PAT (Rs mn)       | -58,512  | -44,080  | -12,845  |              |              | Net loss should continue to rise with the increase in debt<br>burden and depreciation charge.                                  |
| % Upside          | -10%   | EPS (Rs)          | -16.3    | -12.3    | -3.6     |              |              | · č  |

\* Estimates for Idea Cellular is provided ex- Vodafone financials.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors or Accredited Investors or Accredited Investors and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research reports analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors or Accredited Investors and Futures Act, Chapter 289 of Singapore

## Telecom

| Name               |      |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |
|--------------------|------|-------------------|---------|--------|--------|--------------|--------------|---|
| Tata Communication |      |                   |         |        |        |              |              |   |
| CMP(Rs)            | 528  | Net Sales (Rs mn) | 39,682  | 40,682 | 41,146 | -3.6%        | -2.5%        | GDS revenue is expected to grow by 7% yoy to Rs30.9bn, while GDS EBITDA is estimated at Rs5.4bn (+3% qoq), with a           |
| Mkt Cap (Rs bn)    | 150  | EBITDA (Rs mn)    | 6,190   | 6,302  | 6,128  | 1.0%         | -1.8%        | margin of 17.5%. GDS EBITDA will have an impact of cost up-<br>fronting for some growth services projects while it will see |
| Reco               | Hold | EBITDA Margin (%) | 15.6    | 15.5   | 14.9   | 71 bps       | 11 bps       | benefits from stable operating performance in the ATM business. Seasonality should impact revenue of growth                 |
| Target Price (Rs)  | 540  | PAT (Rs mn)       | 72      | 1      | 103    | -30.6%       | 8873.4%      | services. GVS revenue is expected to decline by 31% yoy to  |
| % Upside           | 2%   | EPS (Rs)          | 0.3     | 0.0    | 0.4    | -30.6%       | 8873.4%      | Rs8.5bn due to lower volumes and realization; GVS EBITDA is estimated at Rs680mn (-8% yoy), with a margin of 8.0%.          |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |  |  |  |  |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|--|--|--|--|
| Adani Ports & SEZ |            |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)           | 379        | Net Sales (Rs mn) | 29,215  | 26,080 | 26,889 | 8.7%         | 12.0%        | Adani Ports & SEZ's port income to grow 8.7% yoy, driven by  |  |  |  |  |
| Mkt Cap (Rs bn)   | 785        | EBITDA (Rs mn)    | 18,996  | 17,035 | 17,842 | 6.5%         | 11.5%        | 7.3% growth in volumes on higher container traffic at Mundra on a yoy basis. EBITDA to come in at Rs19.0bn, up by 6.5%                       |  |  |  |  |
| Reco              | Accumulate | EBITDA Margin (%) | 65.0    | 65.3   | 66.4   | -133 bps     | -29 bps      | yoy as the EBITDA margin is expected to be at 65.0%, down 133bps yoy on lower SEZ income on a yoy basis. Net profit at                       |  |  |  |  |
| Target Price (Rs) | 450        | PAT (Rs mn)       | 11,480  | 11,847 | 9,729  | 18.0%        | -3.1%        | Rs11.5bn is expected to rise 18% yoy. Notably, we have not incorporated the forex losses due to the INR's depreciation in                    |  |  |  |  |
| % Upside          | 19%        | EPS (Rs)          | 5.5     | 5.7    | 4.7    | 18.0%        | -3.1%        | our Q3FY19 PAT estimates: there was a forex loss of  |  |  |  |  |
| Apar Industries   |            |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)           | 639        | Net Sales (Rs mn) | 18,887  | 18,879 | 15,022 | 25.7%        | 0.0%         | We expect overall revenues to increase by a quarter yoy to   |  |  |  |  |
| Mkt Cap (Rs bn)   | 24         | EBITDA (Rs mn)    | 1,247   | 1,122  | 1,009  | 23.6%        | 11.1%        | Rs18.9bn driven by strong sales in its conductor (+33.6% yoy) and cable segments (+29.0% yoy). Specialty oil segment                         |  |  |  |  |
| Reco              | Buy        | EBITDA Margin (%) | 6.6     | 5.9    | 6.7    | -12 bps      | 66 bps       | sales expected to decline 9.0% yoy due to weakening crude prices. Expect EBITDA margins to remain flat at 6.6% on yoy                        |  |  |  |  |
| Target Price (Rs) | 821        | PAT (Rs mn)       | 377     | 286    | 395    | -4.6%        | 31.8%        | basis. EBITDA to grow by 23.6% yoy to Rs1.2 bn. Reported PAT is likely to fall marginally by 4.6% yoy to Rs377mn,                            |  |  |  |  |
| % Upside          | 29%        | EPS (Rs)          | 9.8     | 7.4    | 10.3   | -4.6%        | 31.8%        | primarily due to higher interest costs and forex expenses.   |  |  |  |  |
| APL Apollo Tubes  |            |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)           | 1,150      | Net Sales (Rs mn) | 13,665  | 16,905 | 13,144 | 4.0%         | -19.2%       | Expect volume to increase by 7% YoY but decline in selling   |  |  |  |  |
| Mkt Cap (Rs bn)   | 27         | EBITDA (Rs mn)    | 725     | 862    | 885    | -18.0%       | -15.9%       | <ul> <li>price to restrict revenue growth to 4% on YoY basis. Sha</li> <li>in the prices of steel should incur inventory losses a</li> </ul> |  |  |  |  |
| Reco              | Buy        | EBITDA Margin (%) | 5.3     | 5.1    | 6.7    | -142 bps     | 21 bps       | company carries inventory of 120k tonnes. We expect EBITDA to fall 18% to INR725m after taking into account the inventory                    |  |  |  |  |
| Target Price (Rs) | 1,819      | PAT (Rs mn)       | 213     | 267    | 359    | -40.7%       | -20.1%       | loss of INR320m.   |  |  |  |  |
| % Upside          | 58%        | EPS (Rs)          | 9.0     | 11.0   | 14.9   | -39.9%       | -18.6%       | j%   |  |  |  |  |

| Name              |     |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |  |  |  |  |
|-------------------|-----|-------------------|---------|--------|--------|--------------|--------------|---|--|--|--|--|
| Bajaj Electricals |     |                   |         |        |        |              |              |   |  |  |  |  |
| CMP(Rs)           | 490 | Net Sales (Rs mn) | 16,763  | 15,984 | 11,451 | 46.4%        | 4.9%         | 1   |  |  |  |  |
| Mkt Cap (Rs bn)   | 50  | EBITDA (Rs mn)    | 932     | 799    | 703    | 32.5%        | 16.5%        | execution in project business and continuous momentun in consumer business from last quarter. EBITDA margin should      |  |  |  |  |
| Reco              | Buy | EBITDA Margin (%) | 5.6     | 5.0    | 6.1    | -58 bps      | 56 bps       | decline 58bps YoY due to lower margin in project business.<br>Net profit should increase by 10.8% YoY to Rs408m.        |  |  |  |  |
| Target Price (Rs) | 735 | PAT (Rs mn)       | 408     | 341    | 368    | 10.8%        | 19.8%        |   |  |  |  |  |
| % Upside          | 50% | EPS (Rs)          | 4.0     | 3.3    | 3.6    | 10.4%        | 19.8%        |   |  |  |  |  |
| Century Plyboards |     |                   |         |        |        |              |              |   |  |  |  |  |
| CMP(Rs)           | 174 | Net Sales (Rs mn) | 5,986   | 5,644  | 5,099  | 17.4%        | 6.1%         | Revenue is expected to increase 17.4% yoy on higher   |  |  |  |  |
| Mkt Cap (Rs bn)   | 39  | EBITDA (Rs mn)    | 924     | 742    | 878    | 5.3%         | 24.5%        | revenues from the MDF segment and 10% yoy growth in Ply wood/Laminates. Despite this, higher costs are expected to      |  |  |  |  |
| Reco              | Buy | EBITDA Margin (%) | 15.4    | 13.2   | 17.2   | -178 bps     | 229 bps      | restrict EBITDA growth at 5.3% yoy. Cost pressures should lead to a 178bps contraction in OPM to 15.4%. Interest        |  |  |  |  |
| Target Price (Rs) | 235 | PAT (Rs mn)       | 548     | 378    | 467    | 17.5%        | 45.0%        | expenses are expected to rise about 2.5x yoy due to higher debt. Lower deprecation (due to change in accounting policy) |  |  |  |  |
| % Upside          | 36% | EPS (Rs)          | 2.5     | 1.7    | 2.1    | 17.5%        | 45.0%        | would drive profit growth of 17.5% yoy.   |  |  |  |  |
| Delta Corp.       |     |                   |         |        |        |              |              |   |  |  |  |  |
| CMP(Rs)           | 264 | Net Sales (Rs mn) | 2,082   | 2,014  | 1,622  | 28.4%        | 3.4%         | DELTA's 3Q revenue should rise 28.4% YoY backed by better   |  |  |  |  |
| Mkt Cap (Rs bn)   | 71  | EBITDA (Rs mn)    | 807     | 762    | 687    | 17.4%        | 5.8%         | footfalls at Goa casinos. The quarterly EBITDA will inc<br>by 17.4%YoY on account of better operational effici          |  |  |  |  |
| Reco              | Buy | EBITDA Margin (%) | 38.8    | 37.9   | 42.4   | -361 bps     | 90 bps       | EBITDA margin should decline by 361bps YoY due to increase in license fees and lower margin in online business. The net |  |  |  |  |
| Target Price (Rs) | 380 | PAT (Rs mn)       | 504     | 481    | 447    | 12.7%        | 4.8%         | profit will increase by 12.7% YoY to Rs504mn.   |  |  |  |  |
| % Upside          | 44% | EPS (Rs)          | 1.9     | 1.8    | 1.7    | 12.7%        | 4.8%         | 9%  |  |  |  |  |

| Name              |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments  |  |  |  |  |
|-------------------|-------|-------------------|---------|--------|--------|--------------|--------------|---|--|--|--|--|
| Essel Propack     |       |                   |         |        |        |              |              |   |  |  |  |  |
| CMP(Rs)           | 108   | Net Sales (Rs mn) | 6,427   | 6,835  | 5,951  | 8.0%         | -6.0%        | We expect ESEL's revenue to rise by 8% YoY to Rs6.4bn on  |  |  |  |  |
| Mkt Cap (Rs bn)   | 34    | EBITDA (Rs mn)    | 1,227   | 1,202  | 1,143  | 7.4%         | 2.1%         | the back of receovery in Indian pharma vertical. We expect EBTIDA margin to improve 151bps QoQ due to operating           |  |  |  |  |
| Reco              | Hold  | EBITDA Margin (%) | 19.1    | 17.6   | 19.2   | -11 bps      | 151 bps      | leverage. Net profit to rise by 6.8% YoY to Rs481m  |  |  |  |  |
| Target Price (Rs) | 99    | PAT (Rs mn)       | 481     | 493    | 450    | 6.8%         | -2.5%        |   |  |  |  |  |
| % Upside          | -8%   | EPS (Rs)          | 3.1     | 3.1    | 2.9    | 6.8%         | -2.5%        |   |  |  |  |  |
| Grasim Industries |       |                   |         |        |        |              |              |   |  |  |  |  |
| CMP(Rs)           | 837   | Net Sales (Rs mn) | 51,054  | 51,185 | 43,838 | 16.5%        | -0.2%        | In the VSF segment, volume is expected to increase 1% yoy   |  |  |  |  |
| Mkt Cap (Rs bn)   | 550   | EBITDA (Rs mn)    | 9,803   | 10,705 | 8,896  | 10.2%        | -8.4%        | and realization is expected to improve 14.8% yoy, resulting in EBITDA growth of 31.1% yoy. EBITDA/kg is expected to be at |  |  |  |  |
| Reco              | Buy   | EBITDA Margin (%) | 19.2    | 20.9   | 20.3   | -109 bps     | -171 bps     | Rs43.7 vs. Rs33.5 in Q3FY18. In the Chemicals segment, OPM is expected to be at 24.8%, down 260bps yoy. For the           |  |  |  |  |
| Target Price (Rs) | 1,029 | PAT (Rs mn)       | 5,508   | 8,167  | 4,739  | 16.2%        | -32.3%       | company, EBITDA is expected to grow 10.2% yoy to Rs9.8bn, with OPM decreasing 109bps yoy to 19.2%.                        |  |  |  |  |
| % Upside          | 23%   | EPS (Rs)          | 8.4     | 12.4   | 7.2    | 16.2%        | -32.3%       |   |  |  |  |  |
| Gujarat Pipavav   |       |                   |         |        |        |              |              |   |  |  |  |  |
| CMP(Rs)           | 96    | Net Sales (Rs mn) | 1,794   | 1,711  | 1,627  | 10.3%        | 4.9%         | <b>i</b> i i i i i  |  |  |  |  |
| Mkt Cap (Rs bn)   | 46    | EBITDA (Rs mn)    | 1,005   | 975    | 947    | 6.1%         | 3.0%         |   |  |  |  |  |
| Reco              | Buy   | EBITDA Margin (%) | 56.0    | 57.0   | 58.2   | -218 bps     | -98 bps      | 6.8% yoy. EBITDA is expected to be Rs1.0bn, up 6.1% yoy, while margin is expected to decline by 218bps yoy to 56%.        |  |  |  |  |
| Target Price (Rs) | 174   | PAT (Rs mn)       | 540     | 553    | 579    | -6.7%        | -2.4%        | PAT, however, is expected to be Rs540mn, down 6.7% yoy due to higher base yoy, driven by a one-off rebate received on     |  |  |  |  |
| % Upside          | 82%   | EPS (Rs)          | 1.1     | 1.1    | 1.2    | -6.7%        | -2.4%        | container cargo of Rs79mn in Q3FY18. Adjusted PAT i   |  |  |  |  |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |  |  |  |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|--|--|--|
| Havells India     |            |                   |         |        |        |              |              | Revenue is expected to grow 13% yoy, driven by favorable   |  |  |  |
| CMP(Rs)           | 670        | Net Sales (Rs mn) | 22,303  | 21,910 | 19,658 | 13.5%        | 1.8%         | base for Switchgears and Cables & wires, as well as sustained growth in ECD and Lighting. New product launches in the ECD  |  |  |  |
| Mkt Cap (Rs bn)   | 419        | EBITDA (Rs mn)    | 2,777   | 2,625  | 2,622  | 5.9%         | 5.8%         | segment should continue to drive healthy growth. The decline in margin contribution from Switchgears, Cables & wires and   |  |  |  |
| Reco              | Accumulate | EBITDA Margin (%) | 12.5    | 12.0   | 13.3   | -89 bps      | 47 bps       | ECD could restrict EBITDA growth on a yoy basis. The weak festive season sales and the high discounts offered to clear     |  |  |  |
| Target Price (Rs) | 620        | PAT (Rs mn)       | 1,881   | 1,786  | 1,734  | 8.5%         | 5.3%         | AC inventory should restrict Lloyd's revenue growth. For Lloyd, we expect subdued revenue growth of 3.2% yoy on            |  |  |  |
| % Upside          | -7%        | EPS (Rs)          | 3.0     | 2.9    | 2.8    | 8.5%         | 5.3%         | lower demand; EBIT margin is expected to be 18%.   |  |  |  |
| HSIL              |            |                   |         |        |        |              |              |  |  |  |  |
| CMP(Rs)           | 235        | Net Sales (Rs mn) | 6,405   | 6,227  | 5,795  | 10.5%        | 2.9%         |  |  |  |  |
| Mkt Cap (Rs bn)   | 17         | EBITDA (Rs mn)    | 749     | 514    | 725    | 3.3%         | 45.8%        |  |  |  |  |
| Reco              | Accumulate | EBITDA Margin (%) | 11.7    | 8.3    | 12.5   | -82 bps      | 344 bps      | improvement in Pacjaging segment's profit on a sequential basis. EBITDA at Rs749mn is expected to increase by 3.3%         |  |  |  |
| Target Price (Rs) | 317        | PAT (Rs mn)       | 180     | 47     | 295    | -39.0%       | 284.9%       | yoy. OPM is expected to contract slightly by 82bps yoy to 11.7%. We expect a 39% yoy decline in profits to Rs180mn         |  |  |  |
| % Upside          | 35%        | EPS (Rs)          | 2.7     | 0.7    | 4.5    | -39.0%       | 284.9%       | owing to higher depreciation and interest expenses.  |  |  |  |
| Kajaria Ceramics  |            |                   |         |        |        |              |              |  |  |  |  |
| CMP(Rs)           | 515        | Net Sales (Rs mn) | 7,356   | 7,253  | 6,612  | 11.3%        | 1.4%         | Sales volume expected to increase 13% yoy to 19.8msm.  |  |  |  |
| Mkt Cap (Rs bn)   | 82         | EBITDA (Rs mn)    | 1,133   | 1,089  | 1,100  | 3.0%         | 4.0%         | Realization expected to be down 1.6% yoy. We expect the company's revenue to be at Rs7.4bn, up 11.3% yoy. EBITDA           |  |  |  |
| Reco              | Buy        | EBITDA Margin (%) | 15.4    | 15.0   | 16.6   | -123 bps     | 38 bps       | is expected to increase by mere 3% due to higher gas prices.<br>OPM is expected to contract 123bps yoy to 15.4%. Profit is |  |  |  |
| Target Price (Rs) | 445        | PAT (Rs mn)       | 555     | 536    | 543    | 2.2%         | 3.5%         | expected to grow by 2.2% yoy to Rs555mn.   |  |  |  |
| % Upside          | -14%       | EPS (Rs)          | 7.0     | 6.7    | 6.8    | 2.2%         | 3.5%         | 3%   |  |  |  |

| Name                |       |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |  |  |  |  |
|---------------------|-------|-------------------|---------|--------|--------|--------------|--------------|--|--|--|--|--|
| Orient Refractories |       |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)             | 237   | Net Sales (Rs mn) | 1,815   | 1,867  | 1,578  | 15.0%        | -2.8%        | Revenue is expected to increase by 15% yoy on the back of  |  |  |  |  |
| Mkt Cap (Rs bn)     | 29    | EBITDA (Rs mn)    | 303     | 314    | 331    | -8.4%        | -3.4%        | capacity expansion, robust growth in exports, aided by a healthy domestic steel market. Higher raw material costs could  |  |  |  |  |
| Reco                | Buy   | EBITDA Margin (%) | 16.7    | 16.8   | 21.0   | -427 bps     | -10 bps      | dent the EBITDA margin. We expect a 427bps contraction in EBITDA margin on a yoy basis. Net profit is expected to        |  |  |  |  |
| Target Price (Rs)   | 293   | PAT (Rs mn)       | 219     | 224    | 220    | -0.3%        | -1.9%        | remain flat yoy.   |  |  |  |  |
| % Upside            | 23%   | EPS (Rs)          | 1.8     | 1.9    | 1.8    | -0.3%        | -1.9%        |  |  |  |  |  |
| Radico Khaitan      |       |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)             | 401   | Net Sales (Rs mn) | 5,404   | 5,176  | 4,825  | 12.0%        | 4.4%         | We expect RDCK's 3Q revenue to increase by 12% in 3Q   |  |  |  |  |
| Mkt Cap (Rs bn)     | 53    | EBITDA (Rs mn)    | 925     | 917    | 755    | 22.4%        | 0.8%         | EBITDA margin improvement of 146bps to 17.1% backed by premiumization and low RM costs. Expect net profit growth to      |  |  |  |  |
| Reco                | Buy   | EBITDA Margin (%) | 17.1    | 17.7   | 15.7   | 146 bps      | -60 bps      | be at INR510m, increase of 46% led by lower interest cost compared to previous year.                                     |  |  |  |  |
| Target Price (Rs)   | 547   | PAT (Rs mn)       | 510     | 495    | 350    | 45.8%        | 3.0%         |  |  |  |  |  |
| % Upside            | 36%   | EPS (Rs)          | 3.8     | 3.7    | 2.6    | 45.7%        | 3.0%         |  |  |  |  |  |
| Sheela Foam         |       |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)             | 1,390 | Net Sales (Rs mn) | 6,120   | 5,355  | 5,322  | 15.0%        | 14.3%        | SFL's revenue would rise 15% YoY backed by price hike and  |  |  |  |  |
| Mkt Cap (Rs bn)     | 68    | EBITDA (Rs mn)    | 643     | 424    | 615    | 4.6%         | 51.5%        | volume recovery in starlight. EBITDA margin will dec<br>% 105bps YoY to 10.5% due to higher TDI prices (a key            |  |  |  |  |
| Reco                | Buy   | EBITDA Margin (%) | 10.5    | 7.9    | 11.5   | -105 bps     | 258 bps      | material) and cost of accelerated EBO conversions .Net profit would increase by 4.2% YoY to Rs408m. Benefits form recent |  |  |  |  |
| Target Price (Rs)   | 1,752 | PAT (Rs mn)       | 408     | 244    | 391    | 4.2%         | 67.3%        | correction in TDI prices will be visible in 4Q earnings.   |  |  |  |  |
| % Upside            | 26%   | EPS (Rs)          | 8.4     | 5.0    | 8.0    | 4.2%         | 67.3%        | %  |  |  |  |  |

| Name              |            |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |  |  |  |  |
|-------------------|------------|-------------------|---------|--------|--------|--------------|--------------|--|--|--|--|--|
| Somany Ceramics   |            |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)           | 361        | Net Sales (Rs mn) | 4,283   | 3,928  | 3,800  | 12.7%        | 9.0%         | Revenue is expected to increase 12.7% yoy led by 8% yoy  |  |  |  |  |
| Mkt Cap (Rs bn)   | 15         | EBITDA (Rs mn)    | 257     | 164    | 281    | -8.6%        | 56.6%        | increase in sales volume. Realization is epected to decline 9% yoy. Revenue from other segments is expected to be at     |  |  |  |  |
| Reco              | Accumulate | EBITDA Margin (%) | 6.0     | 4.2    | 7.4    | -140 bps     | 182 bps      | Rs483mn. Lower realization and higher gas price would lead to 8.6% yoy fall in EBITDA and 140bps yoy contraction in OPM  |  |  |  |  |
| Target Price (Rs) | 388        | PAT (Rs mn)       | 105     | 46     | 143    | -26.9%       | 128.8%       | to 6%. Profit is expected to be at Rs105mn, down 26.9% yoy.  |  |  |  |  |
| % Upside          | 7%         | EPS (Rs)          | 2.7     | 1.2    | 3.7    | -26.9%       | 128.8%       |  |  |  |  |  |
| Sunteck Realty    |            |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)           | 347        | Net Sales (Rs mn) | 2,450   | 1,803  | 2,015  | 21.6%        | 35.9%        | We expect SRIN's revenue to increase 22% YoY due to ramp   |  |  |  |  |
| Mkt Cap (Rs bn)   | 51         | EBITDA (Rs mn)    | 931     | 780    | 884    | 5.4%         | 19.3%        | up in sales in Sunteck Westworld project and Sunteck waterfront project. The EBITDA margins will decline 586bps to       |  |  |  |  |
| Reco              | Buy        | EBITDA Margin (%) | 38.0    | 43.3   | 43.9   | -586 bps     | -526 bps     | 38% on the back of change in revenue in favor of affordable housing. The company is expected to report profit of Rs595m. |  |  |  |  |
| Target Price (Rs) | 702        | PAT (Rs mn)       | 595     | 509    | 557    | 6.8%         | 16.8%        |  |  |  |  |  |
| % Upside          | 102%       | EPS (Rs)          | 4.2     | 3.6    | 4.0    | 6.8%         | 16.8%        |  |  |  |  |  |
| Sterling Tools    |            |                   |         |        |        |              |              |  |  |  |  |  |
| CMP(Rs)           | 351        | Net Sales (Rs mn) | 1,170   | 1,394  | 1,088  | 7.5%         | -16.0%       | We expect revenue to increase 7.5% yoy, as better  |  |  |  |  |
| Mkt Cap (Rs bn)   | 13         | EBITDA (Rs mn)    | 199     | 267    | 230    | -13.7%       | -25.5%       |  |  |  |  |  |
| Reco              | Hold       | EBITDA Margin (%) | 17.0    | 19.2   | 21.2   | -417 bps     | -217 bps     | revenue contributor for Sterling. Overall, Auto industry remains subdued during the quarter which has resulted in low-   |  |  |  |  |
| Target Price (Rs) | 354        | PAT (Rs mn)       | 106     | 152    | 126    | -15.8%       | -30.4%       | single digit growth in the top-line. Higher commodity prices could dent margins by 417bps yoy. PAT is likely to contract |  |  |  |  |
| % Upside          | 1%         | EPS (Rs)          | 2.9     | 4.2    | 3.5    | -15.8%       | -30.4%       |  |  |  |  |  |

| Name                  |              |                   | Dec'18E | Sep'18 | Dec'17 | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-----------------------|--------------|-------------------|---------|--------|--------|--------------|--------------|--|
| Sterlite Technologies |              |                   |         |        |        |              |              |  |
| CMP(Rs)               | 285          | Net Sales (Rs mn) | 12,135  | 10,843 | 8,352  | 45.3%        | 11.9%        | SOTL revenue should increase 45% YoY backed by high  |
| Mkt Cap (Rs bn)       | 115          | EBITDA (Rs mn)    | 2,973   | 2,733  | 2,017  | 47.4%        | 8.8%         | sales volume and consolidation of Metallurgica acquisition.<br>We expect EBITDA to increase by 47% YoY led by rise in  |
| Reco                  | Buy          | EBITDA Margin (%) | 24.5    | 25.2   | 24.1   | 35 bps       | -70 bps      |  |
| Target Price (Rs)     | 520          | PAT (Rs mn)       | 1,428   | 1,314  | 901    | 58.5%        | 8.7%         | to Rs1428m   |
| % Upside              | 82% EPS (Rs) |                   | 3.6     | 3.3    | 2.2    | 57.9%        | 8.7%         |  |
| Time Technoplast      |              |                   |         |        |        |              |              |  |
| CMP(Rs)               |              | Net Sales (Rs mn) |         |        |        |              |              |  |
| Mkt Cap (Rs bn)       |              | EBITDA (Rs mn)    |         |        |        |              |              |  |
| Reco                  |              | EBITDA Margin (%) |         |        |        |              |              |  |
| Target Price (Rs)     |              | PAT (Rs mn)       |         |        |        |              |              |  |
| % Upside              |              | EPS (Rs)          |         |        |        |              |              |  |
| V2 Retail             |              |                   |         |        |        |              |              |  |
| CMP(Rs)               | 271          | Net Sales (Rs mn) | 2,361   | 1,557  | 1,524  | 55.0%        | 51.7%        | We expect VREL's revenue to rise 55% YoY driven by new   |
| Mkt Cap (Rs bn)       | 9            | EBITDA (Rs mn)    | 307     | -79    | 227    | 35.3%        | -487.8%      |  |
| Reco                  | Buy          | EBITDA Margin (%) | 13.0    | -5.1   | 14.9   | -189 bps     | 1,809 bps    | in SSSG and high corporate expenses. The reason for lower SSSG is tepid festive season sales. Net profit would rise by |
| Target Price (Rs)     | 361          | PAT (Rs mn)       | 210     | 22     | 137    | 54.0%        | 869.6%       | 54% YoY to Rs210m led by lower tax expense due to one time payment in 4QFY19 to lenders under CDR mechanism            |
| % Upside              | 33%          | EPS (Rs)          | 6.2     | 0.6    | 4.3    | 44.2%        | 933.3%       |  |

| Name              |     |                   | Dec'18E | Sep'18 Dec'17 |       | % Chg<br>YoY | % Chg<br>QoQ | Comments   |
|-------------------|-----|-------------------|---------|---------------|-------|--------------|--------------|--|
| Varun Beverages   |     |                   |         |               |       |              |              |  |
| CMP(Rs)           | 812 | Net Sales (Rs mn) | 6,336   | 11,657        | 5,274 | 20.1%        | -45.6%       | Q4CY18 is genereally seasonally a weak quarter for VBL t   |
| Mkt Cap (Rs bn)   | 148 | EBITDA (Rs mn)    | 257     | 2,112         | 225   |              |              | volume growth of 20%. Expect VBL to register EBITDA of INR257mn, increase of 14% on a yoy basis. |
| Reco              | Buy | EBITDA Margin (%) | 4.1     | 18.1          | 4.3   | -20 bps ·    | -1,406 bps   |  |
| Target Price (Rs) | 937 | PAT (Rs mn)       | -825    | 423           | -728  | 13.3%        | -295.2%      |  |
| % Upside          | 15% | EPS (Rs)          | -4.5    | 2.3           | -4.0  | 13.2%        | -295.2%      |  |

|                          | Price  | Mkt Cap | _          | Target        | Sales (F  | Rsmn)     | EBITDA ( | Rsmn)   | PAT (R         | Rsmn)  | EPS        | (Rs)    | PE(   | x)          | PB    | (x)   | ROC   | E(%)  | ROE   | (%)   |
|--------------------------|--------|---------|------------|---------------|-----------|-----------|----------|---------|----------------|--------|------------|---------|-------|-------------|-------|-------|-------|-------|-------|-------|
| Company Name             | (Rs)   | (Rs bn) | Reco       | Price<br>(Rs) | FY19e     | FY20e     | FY19e    | FY20e   | FY19e          | FY20e  | FY19e      | FY20e   | FY19e | FY20e       | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| Agri Input & Chemicals   |        |         |            |               |           |           |          |         | -              |        | -          |         |       |             |       |       |       |       |       |       |
| Bayer CropScience        | 4,243  | 146     | Reduce     | 3,743         | 29,538    | 34,855    | 5,072    | 6,253   | 3,415          | 4,279  | 99.6       | 124.8   | 42.6  | 34.0        | 7.2   | 6.4   | 27.5  | 30.3  | 18.0  | 20.0  |
| Chambal Fertilisers      | 157    | 65      | Buy        | 197           | 79,483    | 101,785   | 8,649    | 14,456  | 5,184          | 7,460  | 12.5       | 17.9    | 12.6  | 8.8         | 2.0   | 1.7   | 9.8   | 13.2  | 16.9  | 20.9  |
| Coromandel International | 453    | 133     | Buy        | 569           | 135,945   | 144,797   | 14,463   | 14,894  | 7,455          | 8,782  | 25.5       | 30.0    | 17.8  | 15.1        | 3.7   | 3.2   | 22.5  | 22.6  | 22.1  | 22.5  |
| DCM Shriram              | 354    | 57      | Buy        | 468           | 68,704    | 71,393    | 9,310    | 10,750  | 5,800          | 6,721  | 35.5       | 41.2    | 10.0  | 8.6         | 1.8   | 1.6   | 21.5  | 22.4  | 18.6  | 19.4  |
| Deepak Fertilisers       | 144    | 13      | Buy        | 371           | 71,738    | 83,341    | 6,648    | 8,608   | 2,020          | 3,447  | 22.9       | 39.1    | 6.3   | 3.7         | 0.6   | 0.5   | 9.2   | 12.5  | 9.5   | 14.9  |
| Dhanuka Agritech         | 411    | 20      | Buy        | 554           | 10,313    | 11,289    | 1,686    | 1,929   | 1,261          | 1,318  | 25.7       | 27.7    | 16.0  | 14.8        | 2.8   | 2.7   | 23.6  | 25.2  | 18.6  | 18.2  |
| GSFC                     | 113    | 45      | Buy        | 136           | 82,560    | 79,312    | 7,850    | 8,557   | 5,136          | 5,299  | 12.9       | 13.3    | 8.7   | 8.5         | 0.6   | 0.6   | 8.9   | 8.5   | 6.9   | 6.7   |
| Insecticides India       | 585    | 12      | Buy        | 670           | 11,287    | 11,664    | 1,779    | 1,869   | 1,007          | 1,066  | 48.7       | 51.6    | 12.0  | 11.3        | 1.9   | 1.7   | 20.8  | 19.4  | 17.1  | 15.9  |
| PI Industries            | 851    | 117     | Buy        | 920           | 27,131    | 32,085    | 5,562    | 6,934   | 4,092          | 5,061  | 29.7       | 36.7    | 28.7  | 23.2        | 5.3   | 4.5   | 25.0  | 26.3  | 19.8  | 20.9  |
| Rallis India             | 170    | 33      | Buy        | 255           | 21,069    | 24,160    | 2,874    | 3,798   | 1,860          | 2,476  | 9.6        | 12.7    | 17.8  | 13.4        | 2.6   | 2.3   | 20.1  | 24.2  | 15.0  | 18.2  |
| Sharda Cropchem          | 300    | 27      | Accumulate | 354           | 19,714    | 22,662    | 3,213    | 3,920   | 1,679          | 2,129  | 18.6       | 23.6    | 16.1  | 12.7        | 2.2   | 1.9   | 19.3  | 22.5  | 14.1  | 16.2  |
| UPL                      | 752    | 383     | Buy        | 725           | 197,771   | 360,692   | 40,592   | 73,561  | 23,062         | 27,210 | 45.2       | 53.4    | 16.6  | 14.1        | 3.5   | 2.8   | 22.6  | 19.5  | 22.8  | 22.1  |
|                          |        |         |            |               |           |           |          |         |                |        |            |         |       |             |       |       |       |       |       |       |
| Automobiles              |        |         |            |               |           |           |          |         |                |        |            |         |       |             |       |       |       |       |       |       |
| Ashok Leyland            | 93     | 273     | Hold       | 113           | 291,396   | 333,366   | 29,615   | 34,904  | 17,154         | 20,570 | 5.8        | 7.0     | 15.9  | 13.3        | 3.4   | 3.1   | 29.8  | 33.1  | 22.7  | 24.5  |
| Atul Auto                | 335    | 7       | Buy        | 570           | 6,581     | 7,471     | 845      | 1,018   | 554            | 638    | 24.7       | 28.5    | 13.6  | 11.8        | 2.9   | 2.5   | 34.8  | 34.2  | 23.2  | 22.8  |
| Bajaj Auto               | 2,695  | 780     | Accumulate | 2,910         | 299,748   | 345,040   | 49,994   | 59,115  | 43,097         | 50,264 | 148.9      | 173.7   | 18.1  | 15.5        | 3.7   | 3.3   | 30.3  | 31.7  | 21.4  | 22.4  |
| Eicher Motors            | 20,045 | 547     | Buy        | 27,700        | 101,973   | 122,621   | 31,225   | 37,947  | 23,978         | 29,605 | 878.4      | 1,084.6 | 22.8  | 18.5        | 6.1   | 4.8   | 38.3  | 37.2  | 29.9  | 28.9  |
| Escorts                  | 731    | 90      | Buy        | 830           | 59,260    | 64,168    | 7,111    | 7,829   | 4,600          | 5,135  | 53.8       | 60.0    | 13.6  | 12.2        | 2.1   | 1.9   | 25.0  | 24.1  | 16.8  | 16.3  |
| Hero Motocorp            | 2,970  | 593     | Hold       | 3,350         | 329,062   | 373,548   | 51,140   | 58,496  | 35,242         | 40,426 | 176.5      | 202.4   | 16.8  | 14.7        | 4.6   | 4.1   | 39.5  | 40.7  | 28.4  | 29.2  |
| Mahindra & Mahindra      | 723    | 899     | Buy        | 890           | 539,449   | 646,068   | 77,430   | 92,970  | 48,587         | 58,546 | 39.1       | 47.1    | 18.5  | 15.4        | 2.6   | 2.3   | 20.0  | 21.9  | 15.0  | 16.1  |
| Maruti Suzuki India      | 7,421  | 2,242   | Buy        | 8,300         | 881,121   | 1,004,095 | 127,921  | 149,874 | 82,761         | 99,660 | 274.0      | 330.0   | 27.1  | 22.5        | 4.8   | 4.3   | 26.9  | 28.9  | 18.7  | 20.1  |
| Tata Motors              | 180    | 568     | Buy        | 256           | 3,191,774 | 3,642,261 | 310,562  | 412,868 | 38,635         | 96,139 | 11.4       | 28.3    | 15.8  | 6.4         | 0.6   | 0.6   | 4.4   | 7.9   | 4.0   | 9.5   |
| TVS Motor                | 535    | 254     | Accumulate | 595           | 183,096   | 211,008   | 15,040   | 18,686  | 7,371          | 9,658  | 15.5       | 20.3    | 34.5  | 26.3        | 7.5   | 6.2   | 25.6  | 29.5  | 23.5  | 25.8  |
| Auto Ancillaries         |        |         |            |               |           |           |          |         |                |        |            |         |       |             |       |       |       |       |       |       |
| Amara Raja Batteries     | 739    | 126     | Buy        | 890           | 72.490    | 84,069    | 10.547   | 12,947  | 5.550          | 6,927  | 32.5       | 40.6    | 22.7  | 18.2        | 3.7   | 3.2   | 25.4  | 27.3  | 17.5  | 18.8  |
| Apollo Tyres             | 229    | 120     | Buy        | 290           | 183,156   | 216,913   | 21,877   | 28,486  | 9,920          | 13,846 | 17.3       | 24.2    | 13.2  | 9.5         | 1.2   | 1.1   | 10.0  | 12.9  | 9.8   | 12.5  |
| Exide Industries         | 229    | 222     | Accumulate | 290           | 109,036   | 125,673   | 15,179   | 18,835  | 9,920<br>7,940 | 10,231 | 9.3        | 12.0    | 28.0  | 9.5<br>21.7 | 5.2   | 4.6   | 21.3  | 23.6  | 13.9  | 12.5  |
| Motherson Sumi           | 158    | 500     |            | 290           | 660.881   | 788.566   | 58.316   | 80.304  | 19.779         | 28.282 | 9.3<br>6.3 | 9.0     | 25.3  | 17.7        | 4.8   | 4.0   | 18.3  | 25.0  | 19.4  | 24.9  |
|                          | 108    | 500     | Buy        | 225           | 000,081   | 100,000   | 50,310   | 80,304  | 19,779         | 20,202 | 0.3        | 9.0     | 20.3  | 17.7        | 4.8   | 4.1   | 10.3  | 20.7  | 19.4  | 24.9  |

|                        | Price  | Mkt Cap |            | Target        | Sales (R | smn)    | EBITDA (F | Rsmn)  | PAT (R | 8smn)  | EPS ( | (Rs)  | PE     | (x)   | PB    | (x)   | ROC   | E(%)  | ROE   | .(%)  |
|------------------------|--------|---------|------------|---------------|----------|---------|-----------|--------|--------|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| Company Name           | (Rs)   | (Rs bn) | Reco       | Price<br>(Rs) | FY19e    | FY20e   | FY19e     | FY20e  | FY19e  | FY20e  | FY19e | FY20e | FY19e  | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| Building Materials     |        |         |            |               |          |         |           |        |        |        |       |       |        |       |       |       |       |       |       |       |
| Century Plyboards      | 174    | 39      | Buy        | 235           | 23,038   | 26,067  | 3,385     | 4,182  | 1,765  | 2,278  | 7.9   | 10.3  | 21.8   | 16.9  | 3.9   | 3.3   | 21.7  | 24.7  | 19.3  | 21.1  |
| HSIL                   | 235    | 17      | Accumulate | 317           | 25,036   | 27,981  | 2,888     | 3,520  | 670    | 1,135  | 9.3   | 15.7  | 25.4   | 15.0  | 1.3   | 1.2   | 6.2   | 8.6   | 5.2   | 8.5   |
| Kajaria Ceramics       | 515    | 82      | Buy        | 445           | 29,341   | 33,497  | 4,448     | 5,536  | 2,207  | 2,966  | 13.2  | 17.8  | 38.9   | 29.0  | 5.7   | 4.9   | 20.8  | 24.5  | 15.4  | 18.2  |
| Somany Ceramics        | 361    | 15      | Accumulate | 388           | 17,465   | 20,177  | 1,421     | 1,950  | 415    | 783    | 9.8   | 18.5  | 36.9   | 19.6  | 2.5   | 2.3   | 9.3   | 13.3  | 6.9   | 12.1  |
| Cement                 |        |         |            |               |          |         |           |        |        |        |       |       |        |       |       |       |       |       |       |       |
| ACC                    | 1,470  | 276     | Buy        | 1,836         | 147,195  | 157,247 | 21,400    | 23,690 | 10,972 | 12,351 | 58.4  | 65.7  | 25.2   | 22.4  | 2.8   | 2.6   | 16.3  | 17.2  | 11.4  | 12.0  |
| Ambuja Cements         | 219    | 434     | Hold       | 242           | 111,715  | 120,018 | 19,599    | 22,062 | 12,215 | 13,930 | 6.2   | 7.0   | 35.6   | 31.2  | 2.1   | 2.1   | 8.4   | 9.3   | 6.0   | 6.7   |
| India Cements          | 91     | 28      | Hold       | 101           | 55,865   | 59,923  | 6,094     | 7,628  | 514    | 1,569  | 1.7   | 5.1   | 54.6   | 17.9  | 0.5   | 0.5   | 4.2   | 5.9   | 1.0   | 3.0   |
| JK Cement              | 703    | 54      | Buy        | 864           | 50,201   | 54,314  | 7,228     | 8,313  | 2,588  | 3,469  | 33.5  | 44.9  | 21.0   | 15.7  | 2.0   | 1.9   | 10.7  | 10.9  | 11.2  | 12.4  |
| Jk Lakshmi Cement      | 313    | 37      | Hold       | 327           | 35,855   | 38,500  | 3,937     | 4,722  | 534    | 1,174  | 4.5   | 10.0  | 69.0   | 31.4  | 2.5   | 2.3   | 7.6   | 9.9   | 3.6   | 7.6   |
| Orient Cement          | 81     | 17      | Hold       | 81            | 24,084   | 26,212  | 2,272     | 3,147  | -141   | 408    | -0.7  | 2.0   | -117.0 | 40.5  | 1.7   | 1.6   | 4.6   | 8.0   | -1.4  | 4.1   |
| Prism Johnson          | 87     | 44      | Hold       | 103           | 58,168   | 61,858  | 5,069     | 5,563  | 1,470  | 1,893  | 2.9   | 3.8   | 29.7   | 23.1  | 3.7   | 3.2   | 15.7  | 17.3  | 13.4  | 14.9  |
| Ramco Cements          | 631    | 149     | Accumulate | 708           | 49,194   | 54,627  | 9,979     | 11,933 | 4,967  | 5,936  | 21.1  | 25.2  | 29.9   | 25.0  | 3.3   | 3.0   | 11.8  | 12.6  | 11.7  | 12.6  |
| Sanghi Industries      | 61     | 15      | Hold       | 69            | 10,576   | 12,095  | 1,806     | 2,361  | 463    | 1,010  | 1.8   | 4.0   | 33.0   | 15.1  | 0.9   | 0.9   | 4.8   | 5.9   | 2.9   | 6.0   |
| Shree Cements          | 16,754 | 584     | Hold       | 17,615        | 112,857  | 130,603 | 24,891    | 31,270 | 10,308 | 12,799 | 295.9 | 367.4 | 56.6   | 45.6  | 6.0   | 5.4   | 12.6  | 14.1  | 11.1  | 12.5  |
| Star Cement            | 102    | 43      | Buy        | 167           | 18,847   | 22,002  | 4,625     | 5,510  | 2,994  | 3,959  | 7.1   | 9.4   | 14.3   | 10.8  | 2.5   | 2.1   | 20.4  | 24.8  | 18.7  | 21.0  |
| Ultratech Cement       | 3,915  | 1,075   | Accumulate | 4,359         | 363,654  | 461,985 | 66,415    | 83,211 | 22,092 | 27,646 | 80.5  | 95.8  | 48.6   | 40.8  | 3.8   | 3.1   | 9.0   | 10.0  | 8.1   | 8.6   |
| Construction & Infra   |        |         |            |               |          |         |           |        |        |        |       |       |        |       |       |       |       |       |       |       |
| Ahluw alia Contracts   | 326    | 22      | Buy        | 406           | 19,495   | 23,325  | 2,593     | 3,102  | 1,452  | 1,782  | 21.7  | 26.6  | 15.1   | 12.3  | 2.9   | 2.3   | 33.3  | 32.7  | 21.0  | 21.0  |
| Ashoka Buildcon        | 135    | 38      | Buy        | 197           | 39,774   | 49,137  | 12,728    | 14,495 | 246    | 696    | 0.9   | 2.5   | 154.4  | 54.5  | 10.5  | 9.4   | 10.6  | 11.9  | 7.3   | 18.3  |
| Container Corporation  | 680    | 332     | Buy        | 732           | 68,709   | 78,086  | 16,731    | 19,556 | 11,960 | 14,259 | 24.5  | 29.3  | 27.7   | 23.3  | 3.3   | 3.1   | 16.1  | 18.0  | 12.3  | 13.7  |
| IRB Infrastructure     | 160    | 56      | Buy        | 289           | 67,939   | 88,319  | 27,991    | 33,119 | 8,372  | 9,122  | 23.8  | 26.0  | 6.7    | 6.2   | 0.9   | 0.8   | 11.6  | 12.6  | 13.9  | 13.7  |
| ITD Cementation        | 116    | 20      | Buy        | 162           | 31,163   | 34,399  | 3,740     | 4,164  | 1,525  | 1,858  | 7.1   | 10.8  | 16.3   | 10.7  | 1.9   | 1.3   | 14.9  | 18.3  | 10.2  | 13.4  |
| J Kumar                | 130    | 10      | Ur         |               | 23,326   | 27,603  | 3,965     | 4,692  | 1,596  | 2,018  | 21.1  | 26.7  | 6.2    | 4.9   | 0.6   | 0.5   | 15.2  | 16.8  | 10.1  | 11.6  |
| KNR Construction       | 215    | 30      | Buy        | 274           | 20,468   | 25,272  | 3,697     | 4,038  | 2,039  | 2,108  | 14.5  | 15.0  | 14.8   | 14.3  | 2.2   | 1.9   | 18.5  | 17.3  | 16.2  | 14.5  |
| NBCC                   | 62     | 112     | Buy        | 115           | 94,781   | 130,719 | 5,403     | 7,843  | 4,852  | 6,831  | 2.7   | 3.8   | 23.2   | 16.5  | 5.1   | 4.5   | 35.5  | 44.0  | 23.4  | 29.1  |
| NCC                    | 89     | 53      | Buy        | 146           | 104,468  | 119,027 | 11,700    | 13,111 | 4,962  | 5,547  | 8.3   | 9.2   | 10.7   | 9.6   | 1.1   | 1.0   | 19.0  | 17.9  | 11.1  | 11.3  |
| PNC Infratech          | 147    | 38      | Buy        | 186           | 28,220   | 39,509  | 3,810     | 5,334  | 2,129  | 2,668  | 8.3   | 10.4  | 17.7   | 14.1  | 1.9   | 1.7   | 15.0  | 17.3  | 11.1  | 12.4  |
| Sadbhav Engineering    | 225    | 39      | Buy        | 340           | 40,230   | 52,871  | 4,546     | 6,027  | 2,213  | 2,692  | 12.9  | 15.7  | 17.4   | 14.3  | 1.9   | 1.7   | 11.4  | 14.7  | 11.2  | 12.2  |
| Simplex Infrastructure | 191    | 11      | Buy        | 312           | 65,622   | 75,453  | 7,428     | 8,605  | 1,278  | 1,772  | 22.5  | 31.2  | 8.5    | 6.1   | 0.5   | 0.5   | 12.2  | 13.1  | 6.7   | 7.9   |

|                          | Price  | Mkt Cap |                  | Target        | Sales (R | smn)    | Ebitda ( | Rsmn)   | PAT (R | tsmn)  | EPS ( | (Rs)  | PE (  | x)    | PB    | (x)   | ROCI  | Ξ(%)  | ROE   | (%)   |
|--------------------------|--------|---------|------------------|---------------|----------|---------|----------|---------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Company Name             | (Rs)   | (Rs bn) | Reco             | Price<br>(Rs) | FY19e    | FY20e   | FY19e    | FY20e   | FY19e  | FY20e  | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| Consumer Goods           |        |         |                  |               |          |         |          |         |        |        |       |       |       |       |       |       |       |       |       |       |
| Asian Paints             | 1,401  | 1,344   | Hold             | 1,200         | 192,308  | 220,851 | 35,656   | 41,639  | 22,143 | 25,932 | 23.1  | 27.0  | 60.7  | 51.8  | 14.4  | 13.0  | 33.6  | 35.6  | 25.0  | 26.4  |
| Berger Paints            | 324    | 314     | Hold             | 300           | 59,745   | 69,072  | 9,000    | 11,005  | 5,176  | 6,427  | 5.3   | 6.6   | 60.8  | 48.9  | 12.7  | 11.2  | 29.5  | 33.1  | 22.2  | 24.3  |
| Britannia Industries     | 3,090  | 742     | Hold             | 2,950         | 111,107  | 127,933 | 17,939   | 21,259  | 12,014 | 14,243 | 50.0  | 59.3  | 61.7  | 52.1  | 17.5  | 14.2  | 45.4  | 43.9  | 31.4  | 30.2  |
| Colgate-Palmolive        | 1,311  | 357     | Hold             | 1,200         | 45,932   | 51,576  | 12,576   | 14,303  | 7,518  | 8,659  | 27.6  | 31.8  | 47.4  | 41.2  | 22.2  | 20.8  | 73.7  | 80.0  | 48.0  | 52.2  |
| Dabur                    | 416    | 735     | Hold             | 400           | 86,706   | 97,651  | 18,252   | 20,784  | 15,438 | 17,867 | 8.8   | 10.1  | 47.5  | 41.1  | 11.3  | 9.9   | 28.0  | 28.7  | 25.3  | 25.6  |
| Emami                    | 423    | 192     | Hold             | 450           | 28,025   | 31,774  | 7,822    | 8,836   | 5,529  | 6,358  | 12.2  | 14.0  | 34.7  | 30.2  | 8.9   | 8.1   | 20.2  | 23.4  | 17.4  | 19.7  |
| Glaxosmithkline Consumer | 7,452  | 313     | Rating Suspended | NA            | 48,880   | 54,743  | 10,718   | 11,845  | 8,625  | 9,638  | 205.1 | 229.2 | 36.3  | 32.5  | 8.1   | 7.2   | 39.1  | 38.6  | 23.4  | 23.3  |
| Godrej Consumer Products | 779    | 797     | Accumulate       | 800           | 108,373  | 122,438 | 22,567   | 26,557  | 15,904 | 19,056 | 15.6  | 18.7  | 50.1  | 41.8  | 11.2  | 9.8   | 25.0  | 29.0  | 23.8  | 25.1  |
| Hindustan Unilever       | 1,771  | 3,833   | Accumulate       | 1,900         | 394,364  | 451,976 | 87,996   | 104,318 | 62,422 | 74,253 | 28.9  | 34.3  | 61.4  | 51.6  | 49.7  | 44.8  | 126.2 | 136.0 | 84.4  | 91.3  |
| Marico                   | 382    | 493     | Accumulate       | 390           | 72,258   | 79,897  | 13,064   | 16,490  | 9,462  | 12,041 | 7.3   | 9.3   | 52.1  | 40.9  | 17.5  | 15.1  | 43.4  | 49.2  | 35.3  | 39.6  |
| Nestle India             | 11,005 | 1,061   | Accumulate       | 11,000        | 114,375  | 131,203 | 27,498   | 31,234  | 17,443 | 20,286 | 180.9 | 210.4 | 60.8  | 52.3  | 28.5  | 25.4  | 70.9  | 76.3  | 48.9  | 51.4  |
| Pidilite Industries      | 1,106  | 562     | Hold             | 1,000         | 69,970   | 79,989  | 14,368   | 16,704  | 9,959  | 11,629 | 19.6  | 22.9  | 56.4  | 48.3  | 13.5  | 11.5  | 35.0  | 35.3  | 25.7  | 25.7  |
| United Brew eries        | 1,411  | 373     | Buy              | 1,550         | 65,032   | 74,954  | 11,833   | 13,919  | 5,992  | 7,369  | 22.7  | 27.9  | 62.3  | 50.6  | 11.5  | 9.5   | 28.9  | 30.6  | 20.2  | 20.6  |
| United Spirits           | 600    | 436     | Hold             | 650           | 90,615   | 102,902 | 14,073   | 16,991  | 8,068  | 10,274 | 11.1  | 14.1  | 54.1  | 42.4  | 13.5  | 10.2  | 24.6  | 28.8  | 28.1  | 27.4  |
|                          |        |         |                  |               |          |         |          |         |        |        |       |       |       |       |       |       |       |       |       |       |
| Eng & Capital Goods      |        |         |                  |               |          |         |          |         |        |        |       |       |       |       |       |       |       |       |       |       |
| ABB                      | 1,300  | 275     | Accumuate        | 1,596         | 106,613  | 119,900 | 9,211    | 11,548  | 5,394  | 6,834  | 25.5  | 32.2  | 51.1  | 40.3  | 6.8   | 5.9   | 21.2  | 23.3  | 14.1  | 15.7  |
| BHEL                     | 71     | 262     | Accumulate       | 81            | 299,557  | 326,984 | 20,428   | 28,108  | 12,005 | 16,532 | 3.3   | 4.5   | 21.8  | 15.8  | 0.8   | 0.8   | 6.9   | 8.9   | 3.7   | 5.0   |
| Blue Star                | 611    | 59      | Sell             | 561           | 49,662   | 55,368  | 3,150    | 4,246   | 1,413  | 2,056  | 14.7  | 21.4  | 41.5  | 28.5  | 6.8   | 6.2   | 21.9  | 27.9  | 16.7  | 22.8  |
| Cummins India            | 847    | 235     | Accumulate       | 855           | 57,101   | 63,112  | 8,602    | 9,508   | 7,140  | 7,804  | 25.8  | 28.2  | 32.9  | 30.1  | 5.4   | 5.1   | 19.8  | 20.2  | 16.9  | 17.5  |
| Dynamatic Technologies   | 1,503  | 10      | Buy              | 2,052         | 15,978   | 17,321  | 1,770    | 2,195   | 322    | 752    | 50.7  | 118.6 | 29.6  | 12.7  | 2.8   | 2.3   | 11.9  | 15.3  | 9.7   | 19.6  |
| GE T&D India             | 296    | 76      | Hold             | 243           | 41,611   | 39,530  | 3,394    | 3,523   | 1,914  | 1,940  | 7.5   | 7.6   | 39.7  | 39.1  | 5.8   | 5.2   | 28.8  | 27.1  | 15.3  | 14.0  |
| Kalpataru Pow er         | 383    | 59      | Buy              | 558           | 66,045   | 75,969  | 7,520    | 8,831   | 3,810  | 4,680  | 24.8  | 30.5  | 15.4  | 12.6  | 1.9   | 1.7   | 19.3  | 20.7  | 13.0  | 14.2  |
| KEC International        | 289    | 74      | Buy              | 450           | 111,831  | 123,452 | 11,764   | 12,973  | 4,985  | 6,221  | 19.4  | 24.2  | 14.9  | 11.9  | 3.1   | 2.5   | 23.7  | 23.3  | 22.6  | 23.1  |
| Siemens                  | 1,052  | 375     | Accumulate       | 1,119         | 127,251  | 137,904 | 13,161   | 13,968  | 8,939  | 9,358  | 25.1  | 26.3  | 41.9  | 40.0  | 4.5   | 4.2   | 18.1  | 17.3  | 11.2  | 10.8  |
| Skipper                  | 85     | 9       | Buy              | 135           | 23,025   | 26,509  | 2,420    | 2,866   | 618    | 833    | 6.0   | 8.1   | 14.1  | 10.5  | 1.3   | 1.2   | 17.0  | 18.9  | 9.4   | 11.7  |
| Thermax                  | 1,152  | 137     | Hold             | 1,047         | 53,837   | 64,020  | 4,637    | 6,093   | 2,681  | 3,604  | 23.8  | 32.0  | 48.4  | 36.0  | 4.5   | 4.1   | 14.9  | 18.4  | 9.5   | 11.9  |
| Triveni Turbine          | 109    | 36      | Accumulate       | 129           | 8,017    | 9,527   | 1,722    | 1,998   | 1,069  | 1,284  | 3.2   | 3.9   | 33.6  | 27.9  | 6.9   | 6.0   | 31.8  | 33.4  | 22.0  | 22.9  |
| Voltas                   | 540    | 179     | Hold             | 525           | 67,370   | 78,996  | 5,907    | 8,769   | 4,459  | 6,523  | 13.5  | 19.7  | 40.0  | 27.4  | 4.3   | 3.8   | 16.4  | 21.4  | 11.0  | 14.7  |

|                           | Price | Mkt Cap | _          | Target        | Sales (F  | Rsmn)     | EBITDA ( | Rsmn)   | PAT (R  | smn)    | EPS ( | (Rs)  | PE    | (x)   | PB    | (x)   | ROCI  | E(%)  | ROE   | (%)   |
|---------------------------|-------|---------|------------|---------------|-----------|-----------|----------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Company Name              | (Rs)  | (Rs bn) | Reco       | Price<br>(Rs) | FY19e     | FY20e     | FY19e    | FY20e   | FY19e   | FY20e   | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| Information Technology    |       |         |            |               |           |           |          |         |         |         |       |       |       |       |       |       |       |       |       |       |
| eClerx Services           | 1,060 | 41      | Accumulate | 1,220         | 14,481    | 15,705    | 3,470    | 3,981   | 2,676   | 2,899   | 69.3  | 75.0  | 15.3  | 14.1  | 3.0   | 2.5   | 29.2  | 26.1  | 21.8  | 19.3  |
| Firstsource Solutions     | 47    | 33      | Buy        | 72            | 39,498    | 44,105    | 5,557    | 6,421   | 3,838   | 4,584   | 5.6   | 6.7   | 8.5   | 7.1   | 1.3   | 1.1   | 16.5  | 19.6  | 15.6  | 16.9  |
| HCL Tech                  | 945   | 1,316   | Buy        | 1,265         | 599,468   | 669,705   | 141,372  | 160,635 | 102,285 | 108,960 | 75.5  | 82.5  | 12.5  | 11.5  | 3.1   | 2.7   | 32.7  | 31.2  | 26.0  | 24.6  |
| Hexaw are Technologies    | 329   | 98      | Hold       | 370           | 46,405    | 53,061    | 7,389    | 8,622   | 5,977   | 6,430   | 19.8  | 21.3  | 16.6  | 15.4  | 4.2   | 3.7   | 36.5  | 33.7  | 27.3  | 25.4  |
| Infosys                   | 670   | 2,927   | Reduce     | 640           | 822,632   | 890,694   | 213,019  | 230,413 | 159,317 | 171,431 | 36.6  | 40.7  | 18.3  | 16.5  | 4.1   | 4.2   | 31.8  | 33.5  | 23.5  | 25.0  |
| Intellect Design          | 223   | 29      | Buy        | 285           | 14,086    | 16,860    | 1,098    | 2,396   | 1,158   | 1,451   | 8.5   | 10.6  | 26.2  | 21.0  | 2.6   | 2.3   | 12.4  | 14.1  | 11.4  | 11.6  |
| L&T Infotech              | 1,688 | 293     | Accumulate | 2,020         | 96,330    | 108,947   | 21,737   | 23,862  | 15,811  | 17,560  | 90.4  | 100.4 | 18.7  | 16.8  | 6.5   | 5.4   | 53.2  | 48.9  | 38.3  | 35.2  |
| Majesco                   | 495   | 14      | Buy        | 700           | 9,768     | 11,402    | 1,006    | 1,237   | 562     | 742     | 20.0  | 26.4  | 24.8  | 18.8  | 2.3   | 2.0   | 15.4  | 16.4  | 9.8   | 11.5  |
| Mindtree                  | 821   | 135     | Hold       | 920           | 69,926    | 77,974    | 10,549   | 11,996  | 7,576   | 8,173   | 46.2  | 49.9  | 17.8  | 16.5  | 4.2   | 3.6   | 34.8  | 32.2  | 25.5  | 23.6  |
| Mphasis                   | 925   | 179     | Buy        | 1,370         | 77,739    | 89,354    | 12,631   | 14,802  | 10,614  | 12,315  | 57.1  | 66.2  | 16.2  | 14.0  | 3.4   | 2.9   | 25.9  | 29.1  | 20.0  | 22.4  |
| MPS                       | 472   | 9       | Buy        | 780           | 3,795     | 4,452     | 992      | 1,303   | 731     | 948     | 39.3  | 50.9  | 12.0  | 9.3   | 2.0   | 1.7   | 24.5  | 28.2  | 17.5  | 19.9  |
| NIT                       | 84    | 18      | Hold       | 95            | 9,063     | 10,074    | 875      | 1,182   | 1,060   | 1,322   | 6.4   | 8.0   | 13.1  | 10.5  | 1.4   | 1.3   | 2.7   | 5.2   | 11.3  | 13.1  |
| NIT Tech                  | 1,125 | 69      | Accumulate | 1,335         | 36,722    | 41,339    | 6,447    | 7,261   | 4,257   | 4,702   | 69.3  | 76.6  | 16.2  | 14.7  | 3.1   | 2.7   | 25.1  | 23.7  | 20.6  | 19.5  |
| Nucleus Software          | 375   | 11      | Buy        | 640           | 4,850     | 5,488     | 879      | 990     | 782     | 931     | 26.9  | 32.1  | 13.9  | 11.7  | 2.2   | 1.9   | 21.1  | 23.4  | 16.2  | 17.5  |
| Oracle Financial Services | 3,582 | 307     | Buy        | 5,050         | 52,075    | 57,337    | 22,366   | 25,193  | 15,339  | 17,567  | 179.5 | 205.3 | 20.0  | 17.4  | 9.6   | 9.3   | 71.3  | 77.6  | 48.3  | 54.1  |
| Persistent Systems        | 570   | 46      | Reduce     | 600           | 33,807    | 36,446    | 5,795    | 6,187   | 3,510   | 3,687   | 43.9  | 46.1  | 13.0  | 12.4  | 1.9   | 1.8   | 22.5  | 21.6  | 15.7  | 14.9  |
| Ramco Systems             | 266   | 8       | Buy        | 653           | 5,553     | 6,923     | 1,160    | 1,763   | 447     | 1,000   | 14.0  | 31.4  | 18.9  | 8.5   | 1.4   | 1.2   | 12.0  | 19.4  | 7.8   | 15.4  |
| TCS                       | 1,894 | 7,105   | Hold       | 2,100         | 1,470,648 | 1,629,029 | 405,009  | 446,640 | 320,043 | 346,254 | 85.5  | 94.6  | 22.2  | 20.0  | 7.9   | 7.5   | 46.6  | 48.2  | 36.7  | 38.0  |
| Tech Mahindra             | 690   | 677     | Hold       | 730           | 350,694   | 384,053   | 64,265   | 70,796  | 43,083  | 47,591  | 48.3  | 53.4  | 14.3  | 12.9  | 2.9   | 2.6   | 26.2  | 25.9  | 21.4  | 21.0  |
| Wipro                     | 326   | 1,473   | Reduce     | 300           | 594,779   | 643,666   | 93,912   | 109,482 | 84,677  | 98,252  | 18.8  | 21.8  | 17.4  | 15.0  | 2.8   | 2.5   | 17.5  | 18.8  | 16.8  | 17.8  |
|                           |       |         |            |               |           |           |          |         |         |         |       |       |       |       |       |       |       |       |       |       |
| Media & Entertainment     |       |         |            |               |           |           |          |         |         |         |       |       |       |       |       |       |       |       |       |       |
| DB Corp                   | 170   | 31      | Hold       | 195           | 24,791    | 26,742    | 5,204    | 6,233   | 2,843   | 3,416   | 16.3  | 19.5  | 10.5  | 8.7   | 1.8   | 1.8   | 24.2  | 30.3  | 16.2  | 20.9  |
| Dish TV                   | 41    | 75      | Sell       | 35            | 65,722    | 70,577    | 22,374   | 24,802  | 1,259   | 3,671   | 0.7   | 1.9   | 62.0  | 21.3  | 1.5   | 1.4   | 9.8   | 12.5  | 2.1   | 6.8   |
| Entertainment Netw ork    | 606   | 29      | Hold       | 615           | 6,111     | 7,201     | 1,438    | 2,034   | 494     | 938     | 10.4  | 19.7  | 58.4  | 30.8  | 3.1   | 2.8   | 8.2   | 13.1  | 5.4   | 9.6   |
| Inox Leisure              | 253   | 26      | Buy        | 279           | 15,462    | 17,580    | 2,439    | 2,769   | 882     | 1,026   | 9.2   | 10.7  | 27.6  | 23.7  | 3.2   | 2.8   | 17.2  | 17.6  | 12.4  | 12.7  |
| Jagran Prakashan          | 115   | 34      | Hold       | 115           | 24,186    | 26,045    | 5,433    | 5,968   | 2,658   | 3,088   | 8.5   | 9.9   | 13.4  | 11.6  | 1.8   | 1.7   | 17.6  | 22.0  | 12.7  | 15.4  |
| PVR                       | 1,605 | 75      | Hold       | 1,417         | 29,469    | 34,981    | 5,508    | 6,705   | 1,745   | 2,131   | 37.3  | 45.6  | 43.0  | 35.2  | 6.0   | 5.2   | 16.5  | 15.2  | 15.0  | 15.8  |
| Sun TV Network            | 600   | 236     | Reduce     | 601           | 37,620    | 42,093    | 25,137   | 27,952  | 14,181  | 15,696  | 36.0  | 39.8  | 16.7  | 15.1  | 4.4   | 3.8   | 42.4  | 40.3  | 28.1  | 26.8  |
| Zee Entertainment         | 452   | 434     | Sell       | 374           | 78,200    | 88,828    | 26,024   | 29,636  | 15,902  | 19,141  | 16.6  | 19.9  | 27.3  | 22.7  | 4.9   | 4.1   | 26.6  | 27.8  | 19.3  | 19.8  |

|                        | Price | Mkt Cap |            | Target        | Sales (I  | Rsmn)     | EBITDA ( | Rsmn)     | PAT (R  | ksmn)   | EPS ( | Rs)   | PE    | x)    | PB    | (x)   | ROCI  | E(%)  | ROE   | (%)   |
|------------------------|-------|---------|------------|---------------|-----------|-----------|----------|-----------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Company Name           | (Rs)  | (Rs bn) | Reco       | Price<br>(Rs) | FY19e     | FY20e     | FY19e    | FY20e     | FY19e   | FY20e   | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| Metals & Mining        |       |         |            |               |           |           |          |           |         |         |       |       |       |       |       |       |       |       |       |       |
| Coal India             | 233   | 1,448   | Buy        | 333           | 956,408   | 1,053,672 | 219,501  | 245,850   | 143,652 | 151,673 | 23.1  | 24.4  | 10.1  | 9.5   | 6.1   | 6.8   | 99.2  | 117.4 | 57.5  | 67.5  |
| Hindalco               | 206   | 463     | Buy        | 290           | 1,298,181 | 1,346,507 | 155,244  | 167,577   | 53,172  | 61,270  | 23.9  | 27.5  | 8.7   | 7.5   | 0.9   | 0.8   | 10.2  | 10.4  | 11.0  | 11.4  |
| Hindustan Zinc         | 274   | 1,157   | Hold       | 294           | 226,946   | 264,121   | 115,530  | 138,735   | 85,054  | 103,322 | 20.1  | 24.5  | 13.6  | 11.2  | 2.9   | 2.6   | 34.8  | 35.5  | 24.1  | 24.8  |
| Jindal Stainless       | 33    | 16      | Buy        | 115           | 135,476   | 150,724   | 14,689   | 17,385    | 3,862   | 5,724   | 8.1   | 11.9  | 4.1   | 2.8   | 0.6   | 0.5   | 14.7  | 16.3  | 14.5  | 17.4  |
| Jindal Stainless Hisar | 85    | 20      | Buy        | 210           | 95,885    | 105,241   | 11,693   | 12,710    | 5,412   | 6,821   | 22.9  | 28.9  | 3.7   | 2.9   | 1.0   | 0.7   | 20.6  | 21.5  | 31.0  | 28.9  |
| JSW Steel              | 294   | 710     | Accumulate | 402           | 780,173   | 778,059   | 188,633  | 201,229   | 79,962  | 82,327  | 33.3  | 34.3  | 8.8   | 8.6   | 2.0   | 1.6   | 19.3  | 17.2  | 25.1  | 20.8  |
| MOIL                   | 168   | 43      | Buy        | 264           | 13,983    | 15,664    | 6,162    | 6,998     | 5,010   | 5,544   | 19.4  | 21.5  | 8.6   | 7.8   | 1.4   | 1.2   | 24.0  | 24.5  | 16.1  | 16.4  |
| National Aluminium Co  | 63    | 121     | Buy        | 86            | 111,545   | 108,865   | 23,050   | 21,764    | 14,666  | 13,561  | 7.6   | 7.0   | 8.3   | 9.0   | 1.1   | 1.1   | 17.8  | 15.7  | 14.2  | 12.5  |
| NMDC                   | 95    | 300     | Buy        | 138           | 114,374   | 121,691   | 61,062   | 63,115    | 41,639  | 47,279  | 13.2  | 14.9  | 7.2   | 6.4   | 0.8   | 0.8   | 19.2  | 18.9  | 12.2  | 12.8  |
| SAIL                   | 54    | 224     | Buy        | 94            | 734,769   | 861,837   | 118,873  | 136,778   | 42,151  | 51,373  | 10.2  | 12.4  | 5.3   | 4.4   | 0.6   | 0.5   | 11.1  | 11.9  | 11.1  | 12.2  |
| Tata Steel             | 491   | 559     | Buy        | 751           | 1,585,630 | 1,573,200 | 300,234  | 306,299   | 104,887 | 103,777 | 87.1  | 86.2  | 5.6   | 5.7   | 0.8   | 0.7   | 12.9  | 11.1  | 14.5  | 12.7  |
| Vedanta                | 196   | 727     | Buy        | 334           | 895,382   | 927,185   | 252,801  | 292,411   | 75,752  | 109,236 | 20.4  | 29.4  | 9.6   | 6.7   | 1.2   | 1.1   | 12.6  | 14.9  | 13.3  | 17.2  |
|                        |       |         |            |               |           |           |          |           |         |         |       |       |       |       |       |       |       |       |       |       |
| Oil & Gas              |       |         |            |               |           |           |          |           |         |         |       |       |       |       |       |       |       |       |       |       |
| BPCL                   | 352   | 763     | Buy        | 385           | 3,293,213 | 3,258,526 | 119,079  | 101,024   | 60,647  | 58,821  | 30.8  | 29.9  | 11.4  | 11.8  | 1.8   | 1.7   | 18.5  | 14.8  | 21.5  | 14.9  |
| Gujarat Gas            | 657   | 91      | Buy        | 865           | 80,193    | 89,866    | 10,140   | 11,378    | 3,968   | 4,714   | 28.8  | 34.2  | 22.8  | 19.2  | 4.2   | 3.6   | 12.9  | 14.4  | 19.9  | 20.3  |
| Gujarat State Petronet | 170   | 96      | Buy        | 225           | 17,663    | 16,452    | 15,569   | 14,186    | 8,847   | 7,305   | 15.7  | 13.0  | 10.9  | 13.2  | 1.7   | 1.5   | 16.2  | 13.9  | 16.4  | 12.2  |
| Gulf Oil Lubricants    | 831   | 41      | Buy        | 1,150         | 16,910    | 19,899    | 2,880    | 3,427     | 1,790   | 2,188   | 36.0  | 44.0  | 23.1  | 18.9  | 7.3   | 6.0   | 38.4  | 41.0  | 34.6  | 35.0  |
| HPCL                   | 248   | 378     | Buy        | 290           | 3,150,973 | 3,193,030 | 107,482  | 91,113    | 47,695  | 44,525  | 31.3  | 29.2  | 7.9   | 8.5   | 1.4   | 1.3   | 13.6  | 9.6   | 18.8  | 15.9  |
| Indian Oil             | 134   | 1,301   | Buy        | 180           | 5,733,423 | 5,641,173 | 329,803  | 289,931   | 134,408 | 136,495 | 14.2  | 14.4  | 9.4   | 9.3   | 1.1   | 1.0   | 15.7  | 12.9  | 11.8  | 11.2  |
| Indraprastha Gas       | 271   | 189     | Accumulate | 325           | 58,929    | 67,440    | 12,580   | 14,284    | 7,766   | 8,694   | 11.1  | 12.4  | 24.4  | 21.8  | 4.7   | 4.1   | 25.7  | 25.5  | 20.6  | 20.2  |
| Petronet LNG           | 220   | 330     | Buy        | 300           | 398,102   | 415,928   | 35,040   | 37,567    | 22,983  | 25,603  | 15.3  | 17.1  | 14.4  | 12.9  | 3.0   | 2.7   | 25.1  | 25.4  | 22.2  | 21.9  |
| Reliance Industries    | 1,105 | 7,002   | Buy        | 1,360         | 6,065,260 | 6,693,444 | 822,508  | 1,060,421 | 374,047 | 475,797 | 63.1  | 80.1  | 17.5  | 13.8  | 2.0   | 1.8   | 10.5  | 11.9  | 12.1  | 13.8  |

|                           | Price | Mkt Cap |            | Target        | Sales (F | Rsmn)     | EBITDA (I | Rsm.n)  | PAT (F  | ksmn)   | EPS ( | Rs)   | PE    | (x)   | PB    | (x)   | ROCI  | E(%)  | ROE   | (%)   |
|---------------------------|-------|---------|------------|---------------|----------|-----------|-----------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Company Name              | (Rs)  | (Rs bn) | Reco       | Price<br>(Rs) | FY19e    | FY20e     | FY19e     | FY20e   | FY19e   | FY20e   | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| Pharmaceuticals           |       |         |            |               |          |           |           |         |         |         |       |       |       |       |       |       |       |       |       |       |
| Aurobindo Pharma          | 747   | 437     | Buy        | 880           | 185,502  | 279,660   | 39,221    | 58,458  | 24,091  | 33,133  | 41.1  | 56.6  | 18.2  | 13.2  | 3.2   | 2.6   | 19.1  | 21.1  | 18.9  | 21.7  |
| Cadila Healthcare         | 349   | 357     | Accumulate | 400           | 125,461  | 135,815   | 28,294    | 31,061  | 18,089  | 19,341  | 17.7  | 18.9  | 19.7  | 18.5  | 3.6   | 3.1   | 15.9  | 16.2  | 19.2  | 18.0  |
| Cipla                     | 514   | 414     | Hold       | 555           | 157,157  | 180,130   | 28,671    | 36,981  | 14,355  | 20,669  | 17.8  | 25.7  | 28.8  | 20.0  | 2.7   | 2.5   | 10.7  | 13.9  | 9.7   | 12.9  |
| Divi's Lab                | 1,459 | 387     | Buy        | 1,575         | 47,578   | 52,820    | 17,631    | 20,700  | 12,941  | 15,127  | 48.7  | 57.0  | 29.9  | 25.6  | 5.7   | 5.0   | 27.0  | 26.9  | 20.4  | 20.8  |
| Dr. Reddy's Lab           | 2,571 | 427     | Accumulate | 2,865         | 150,340  | 171,984   | 25,945    | 34,064  | 12,763  | 18,851  | 76.9  | 113.6 | 33.4  | 22.6  | 3.2   | 2.9   | 8.1   | 11.6  | 9.8   | 13.3  |
| Glenmark Pharma           | 655   | 185     | Hold       | 595           | 100,782  | 109,757   | 16,815    | 18,521  | 8,195   | 9,392   | 29.0  | 33.3  | 22.5  | 19.7  | 3.1   | 2.7   | 15.5  | 15.0  | 14.8  | 14.8  |
| Granules India            | 89    | 23      | Buy        | 141           | 20,480   | 23,854    | 3,272     | 4,398   | 1,939   | 2,639   | 7.6   | 10.4  | 11.7  | 8.6   | 1.5   | 1.3   | 10.3  | 14.2  | 14.0  | 16.8  |
| lpca Lab                  | 775   | 98      | Accumulate | 870           | 37,303   | 40,935    | 6,547     | 7,729   | 4,141   | 4,867   | 32.8  | 38.6  | 23.6  | 20.1  | 3.2   | 2.8   | 14.2  | 15.9  | 14.4  | 14.8  |
| Lupin                     | 842   | 381     | Hold       | 920           | 165,000  | 185,473   | 29,141    | 36,720  | 13,319  | 17,591  | 29.5  | 38.9  | 28.6  | 21.6  | 2.6   | 2.5   | 11.1  | 12.2  | 9.5   | 11.8  |
| Sun Pharma                | 448   | 1,075   | Hold       | 595           | 282,885  | 317,237   | 61,553    | 80,574  | 36,728  | 51,212  | 15.3  | 21.3  | 29.3  | 21.0  | 2.7   | 2.5   | 10.0  | 12.5  | 9.5   | 12.3  |
| Suven Life Sciences       | 229   | 29      | Buy        | 350           | 6,597    | 7,221     | 1,738     | 2,272   | 1,252   | 1,671   | 9.8   | 13.1  | 23.3  | 17.5  | 3.4   | 2.9   | 20.8  | 24.7  | 15.3  | 17.9  |
| Torrent Pharma            | 1,817 | 308     | Accumulate | 1,850         | 77,544   | 88,042    | 20,437    | 24,599  | 8,292   | 11,287  | 49.0  | 66.7  | 37.1  | 27.3  | 5.4   | 4.7   | 12.6  | 15.8  | 16.0  | 18.5  |
| Ports                     |       |         |            |               |          |           |           |         |         |         |       |       |       |       |       |       |       |       |       |       |
| Adani Ports               | 379   | 785     | Accumulate | 450           | 110.878  | 122.398   | 69.365    | 77.877  | 40.504  | 50.078  | 18.4  | 22.7  | 20.6  | 16.7  | 3.2   | 2.7   | 15.8  | 16.3  | 17.8  | 18.7  |
| Gujarat Pipavav           | 96    | 46      |            | 450           | 6.990    | 7,977     | 3.861     | 4.474   | 2.124   | 2,502   | 4.4   | 5.2   | 20.0  | 18.5  | 2.3   | 2.7   | 15.6  | 17.3  | 17.0  | 12.3  |
| Gujarat Pipavav           | 90    | 40      | Buy        | 174           | 0,990    | 7,977     | 3,001     | 4,474   | 2,124   | 2,502   | 4.4   | 5.2   | 21.0  | 10.0  | 2.3   | 2.3   | 15.5  | 17.5  | 10.5  | 12.3  |
| Power                     |       |         |            |               |          |           |           |         |         |         |       |       |       |       |       |       |       |       |       |       |
| CESC                      | 654   | 87      | Buy        | 868           | 87,174   | 90,535    | 20,448    | 21,244  | 10,917  | 11,223  | 81.9  | 84.2  | 8.0   | 7.8   | 0.7   | 0.6   | 15.9  | 14.7  | 8.6   | 8.3   |
| Gujarat Industries Pow er | 80    | 12      | Buy        | 137           | 15,729   | 15,817    | 5,680     | 5,632   | 2,879   | 2,906   | 19.0  | 19.2  | 4.2   | 4.2   | 0.5   | 0.4   | 13.6  | 12.8  | 11.5  | 10.7  |
| JSW Energy                | 70    | 115     | Hold       | 73            | 87,877   | 90,286    | 34,653    | 35,761  | 8,172   | 10,814  | 5.0   | 6.6   | 14.1  | 10.7  | 1.0   | 0.9   | 11.2  | 11.9  | 7.1   | 8.7   |
| NHPC                      | 26    | 267     | Buy        | 31            | 82,538   | 89,056    | 46,777    | 50,443  | 40,568  | 41,768  | 3.0   | 3.1   | 8.7   | 8.4   | 1.0   | 0.9   | 9.2   | 8.9   | 12.9  | 12.5  |
| NTPC                      | 147   | 1,212   | Buy        | 200           | 960,062  | 1,083,906 | 282,580   | 332,915 | 124,718 | 147,137 | 15.1  | 17.8  | 9.7   | 8.2   | 1.1   | 1.0   | 8.8   | 9.5   | 11.6  | 12.6  |
| Pow er Grid Corporation   | 197   | 1,032   | Buy        | 237           | 323,464  | 351,942   | 288,241   | 313,201 | 104,323 | 116,025 | 19.9  | 22.2  | 9.9   | 8.9   | 1.8   | 1.6   | 10.5  | 10.6  | 19.3  | 19.0  |
| Reliance Pow er           | 30    | 85      | Buy        | 49            | 99,712   | 101,526   | 47,481    | 48,568  | 10,642  | 11,888  | 3.8   | 4.2   | 8.0   | 7.2   | 0.3   | 0.3   | 6.9   | 7.3   | 4.1   | 4.4   |

|                      | Price  | Mkt Cap |            | Target        | Sales (R | smn)    | EBITDA ( | Rsmn)   | PAT (R   | smn)     | EPS ( | (Rs)  | PE (   | x)    | PB    | (x)   | ROCI  | E(%)  | ROE   | (%)   |
|----------------------|--------|---------|------------|---------------|----------|---------|----------|---------|----------|----------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| Company Name         | (Rs)   | (Rs bn) | Reco       | Price<br>(Rs) | FY19e    | FY20e   | FY19e    | FY20e   | FY19e    | FY20e    | FY19e | FY20e | FY19e  | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| Retail               |        |         |            |               |          |         |          |         |          |          |       |       |        |       |       |       |       |       |       |       |
| ABFRL                | 209    | 161     | Accumulate | 200           | 80,768   | 92,476  | 6,393    | 8,216   | 1,818    | 3,216    | 2.4   | 4.2   | 88.6   | 50.1  | 12.6  | 10.1  | 12.0  | 15.3  | 15.4  | 22.4  |
| Future Lifestyle     | 389    | 76      | Buy        | 535           | 53,032   | 62,352  | 5,017    | 6,086   | 1,668    | 2,264    | 8.6   | 11.7  | 45.3   | 33.4  | 3.2   | 2.9   | 12.3  | 14.1  | 7.6   | 9.2   |
| Jubilant FoodWorks   | 1,240  | 164     | Accumulate | 1,450         | 34,980   | 40,181  | 5,939    | 6,953   | 3,125    | 3,803    | 23.7  | 28.8  | 52.4   | 43.0  | 12.9  | 10.2  | 39.1  | 38.7  | 27.0  | 26.5  |
| Page Industries      | 22,937 | 256     | Hold       | 26,600        | 29,336   | 34,797  | 6,622    | 8,046   | 4,310    | 5,261    | 386.4 | 471.6 | 59.4   | 48.6  | 24.1  | 19.2  | 64.1  | 62.0  | 45.1  | 43.9  |
| Raymond              | 815    | 50      | Buy        | 1,000         | 65,320   | 73,070  | 5,687    | 6,792   | 1,703    | 2,281    | 27.7  | 37.2  | 29.4   | 21.9  | 2.6   | 2.3   | 11.2  | 12.7  | 9.0   | 11.1  |
| Shoppers Stop        | 505    | 44      | Hold       | 555           | 40,374   | 45,217  | 2,668    | 3,211   | 988      | 1,330    | 11.2  | 15.1  | 44.9   | 33.4  | 4.3   | 3.8   | 15.3  | 18.4  | 9.9   | 12.0  |
| Titan Company        | 946    | 840     | Accumulate | 1,000         | 185,043  | 220,751 | 21,505   | 26,161  | 15,193   | 18,510   | 17.1  | 20.8  | 55.3   | 45.4  | 12.9  | 10.5  | 36.1  | 35.9  | 25.7  | 25.6  |
|                      |        |         |            |               |          |         |          |         |          |          |       |       |        |       |       |       |       |       |       |       |
| Speciality Chemicals |        |         |            |               |          |         |          |         |          |          |       |       |        |       |       |       |       |       |       |       |
| Advanced Enzyme Tech | 171    | 19      | Buy        | 333           | 4,497    | 5,396   | 1,917    | 2,414   | 1,196    | 1,619    | 10.7  | 14.5  | 15.9   | 11.8  | 2.8   | 2.3   | 25.7  | 28.6  | 19.4  | 21.6  |
| Apcotex Industries   | 527    | 11      | Buy        | 686           | 6,472    | 7,184   | 882      | 1,007   | 578      | 646      | 27.9  | 31.2  | 18.9   | 16.9  | 3.7   | 3.2   | 26.7  | 25.5  | 21.5  | 20.3  |
| BASF India           | 1,520  | 66      | Accumulate | 2,212         | 63,502   | 74,396  | 3,757    | 7,248   | 1,294    | 4,492    | 29.9  | 103.8 | 50.8   | 14.6  | 4.8   | 3.8   | 11.6  | 27.8  | 9.5   | 28.9  |
| Camlin Fine Sciences | 53     | 6       | Buy        | 183           | 9,188    | 11,898  | 661      | 2,402   | 26       | 1,196    | 0.2   | 9.2   | 247.0  | 5.8   | 2.0   | 2.0   | 6.3   | 24.1  | 0.7   | 35.4  |
| GHCL                 | 242    | 24      | Buy        | 358           | 31,523   | 34,731  | 7,217    | 8,333   | 3,538    | 4,320    | 36.3  | 44.3  | 6.7    | 5.4   | 1.2   | 1.0   | 22.5  | 23.9  | 20.1  | 20.5  |
| Navin Fluorine       | 686    | 34      | Buy        | 922           | 10,007   | 11,488  | 2,367    | 2,809   | 1,710    | 2,064    | 34.7  | 41.8  | 19.8   | 16.4  | 3.0   | 2.6   | 22.1  | 22.1  | 16.2  | 17.0  |
| SRF                  | 2,025  | 116     | Buy        | 2,409         | 72,043   | 81,070  | 13,222   | 15,868  | 6,248    | 7,864    | 106.9 | 134.6 | 18.9   | 15.1  | 2.9   | 2.4   | 14.1  | 16.1  | 16.2  | 17.5  |
| Tata Chemicals       | 700    | 178     | Accumulate | 804           | 117,683  | 123,219 | 24,331   | 25,313  | 11,189   | 12,121   | 43.9  | 47.6  | 15.9   | 14.7  | 1.5   | 1.4   | 10.2  | 10.6  | 10.3  | 10.5  |
| Vinati Organics      | 1,606  | 83      | Buy        | 1,715         | 10,704   | 15,974  | 3,519    | 5,012   | 2,426    | 3,264    | 47.2  | 63.5  | 34.0   | 25.3  | 8.2   | 6.3   | 38.8  | 40.9  | 26.9  | 28.2  |
|                      |        |         |            |               |          |         |          |         |          |          |       |       |        |       |       |       |       |       |       |       |
| Telecommunications   |        |         |            |               |          |         |          |         |          |          |       |       |        |       |       |       |       |       |       |       |
| Bharti Airtel        | 329    | 1,316   | Reduce     | 268           | 823,493  | 894,211 | 256,162  | 283,871 | 2,933    | -24,294  | 0.7   | -6.1  | 448.7  | -54.2 | 1.5   | 1.5   | 2.4   | 3.0   | 0.3   | -2.8  |
| Bharti Infratel      | 298    | 551     | Hold       | 270           | 142,796  | 142,439 | 55,655   | 54,157  | 25,633   | 23,380   | 13.9  | 12.6  | 21.5   | 23.6  | 3.6   | 3.6   | 24.0  | 23.0  | 15.9  | 15.2  |
| Tata Communications  | 528    | 150     | Hold       | 540           | 162,855  | 167,971 | 25,325   | 27,883  | -179     | 1,774    | -0.6  | 6.2   | -837.9 | 84.8  | 54.1  | 12.6  | 6.3   | 8.9   | -4.6  | 24.1  |
| Vodafone Idea        | 37     | 323     | Sell       | 33            | 375,793  | 497,131 | 39,597   | 121,246 | -192,001 | -166,512 | -14.0 | -12.1 | -2.6   | -3.0  | 0.6   | 2.1   | -7.5  | -3.6  | -36.0 | -32.4 |

|                     | Price | Mkt Cap | _          | Target        | Sales (R | smn)    | EBITDA (F | Rsmn)  | PAT (R | smn)   | EPS ( | Rs)   | PE (  | (x)   | PB    | (x)   | ROCI  | Ξ(%)  | ROE   | . (%) |
|---------------------|-------|---------|------------|---------------|----------|---------|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Company Name        | (Rs)  | (Rs bn) | Reco       | Price<br>(Rs) | FY19e    | FY20e   | FY19e     | FY20e  | FY19e  | FY20e  | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| Others              |       |         |            |               |          |         |           |        |        |        |       |       |       |       |       |       |       |       |       |       |
| Apar Industries     | 639   | 24      | Buy        | 821           | 72,278   | 78,886  | 4,995     | 5,643  | 1,543  | 2,271  | 40.3  | 59.3  | 15.8  | 10.8  | 2.0   | 1.7   | 30.6  | 32.2  | 13.2  | 17.2  |
| APL Apollo Tubes    | 1,150 | 27      | Buy        | 1,819         | 61,205   | 71,283  | 3,753     | 5,000  | 1,386  | 1,993  | 57.4  | 80.9  | 20.0  | 14.2  | 2.7   | 2.2   | 16.4  | 18.9  | 14.7  | 17.1  |
| Bajaj Electricals   | 490   | 50      | Buy        | 735           | 67,795   | 69,071  | 4,160     | 4,981  | 2,084  | 2,372  | 20.4  | 23.2  | 24.0  | 21.1  | 4.5   | 3.9   | 20.0  | 19.2  | 20.4  | 19.8  |
| Delta Corp          | 264   | 71      | Buy        | 380           | 7,609    | 9,345   | 2,910     | 3,783  | 1,805  | 2,446  | 6.7   | 9.0   | 39.6  | 29.2  | 3.7   | 3.4   | 15.5  | 18.6  | 10.0  | 12.1  |
| Essel Propack       | 108   | 34      | Hold       | 99            | 26,720   | 29,854  | 4,897     | 5,538  | 1,918  | 2,232  | 6.1   | 7.1   | 17.6  | 15.2  | 2.7   | 2.8   | 17.7  | 21.0  | 15.3  | 18.1  |
| Grasim Industries   | 837   | 550     | Buy        | 1,029         | 193,472  | 211,129 | 41,518    | 43,737 | 29,219 | 28,713 | 44.4  | 43.7  | 18.6  | 19.0  | 1.2   | 1.1   | 25.0  | 22.3  | 27.9  | 22.2  |
| Havells India       | 670   | 419     | Accumulate | 620           | 98,940   | 113,312 | 12,484    | 15,158 | 8,291  | 10,166 | 13.3  | 16.3  | 50.5  | 41.2  | 9.9   | 8.7   | 27.9  | 30.2  | 20.8  | 22.5  |
| Heritage Foods      | 526   | 24      | Buy        | 710           | 25,361   | 28,986  | 1,926     | 2,270  | 978    | 1,215  | 21.1  | 26.2  | 25.0  | 20.1  | 2.9   | 2.6   | 15.4  | 17.6  | 12.0  | 13.6  |
| Orient Refractories | 237   | 29      | Buy        | 293           | 7,400    | 8,733   | 1,466     | 1,730  | 941    | 1,173  | 7.8   | 9.8   | 30.3  | 24.3  | 7.4   | 6.0   | 40.7  | 41.3  | 26.5  | 27.3  |
| Parag Milk Foods    | 244   | 21      | Hold       | 285           | 22,680   | 25,651  | 2,331     | 2,611  | 1,036  | 1,191  | 12.4  | 14.2  | 19.7  | 17.2  | 2.5   | 2.2   | 17.3  | 17.6  | 13.6  | 13.8  |
| Prabhat Dairy       | 94    | 9       | Accumulate | 187           | 17,457   | 19,820  | 1,584     | 1,843  | 624    | 796    | 6.4   | 8.2   | 14.7  | 11.5  | 1.2   | 1.1   | 11.0  | 12.6  | 8.2   | 9.7   |
| Radico Khaitan      | 401   | 53      | Buy        | 547           | 20,080   | 22,110  | 3,396     | 3,889  | 1,844  | 2,353  | 13.8  | 17.7  | 29.0  | 22.7  | 4.0   | 3.5   | 18.0  | 21.6  | 14.9  | 16.4  |
| Sheela Foam         | 1,390 | 68      | Buy        | 1,752         | 22,966   | 26,493  | 2,385     | 2,940  | 1,606  | 1,947  | 32.9  | 39.9  | 42.2  | 34.8  | 8.9   | 7.4   | 32.3  | 34.0  | 23.7  | 23.2  |
| Sterling Tools      | 351   | 13      | Hold       | 354           | 5,254    | 6,147   | 1,015     | 1,188  | 527    | 635    | 14.6  | 17.6  | 24.0  | 19.9  | 4.4   | 3.7   | 28.5  | 29.7  | 19.9  | 20.4  |
| Sterlite Tech       | 285   | 115     | Buy        | 520           | 45,539   | 62,528  | 10,785    | 14,351 | 5,227  | 7,185  | 13.0  | 17.9  | 21.9  | 15.9  | 7.1   | 5.3   | 29.4  | 30.0  | 37.6  | 38.2  |
| Sunteck Realty      | 347   | 51      | Buy        | 702           | 9,188    | 14,689  | 5,008     | 6,662  | 2,896  | 3,796  | 20.6  | 27.1  | 16.8  | 12.8  | 1.7   | 1.5   | 15.9  | 18.6  | 10.5  | 12.3  |
| Symphony            | 1,134 | 79      | Accumulate | 981           | 12,083   | 14,435  | 2,095     | 2,575  | 1,629  | 1,988  | 23.3  | 28.4  | 48.7  | 39.9  | 10.8  | 9.1   | 30.1  | 30.4  | 24.2  | 24.8  |
| Time Technoplast    | 100   | 23      | Buy        | 272           | 35,932   | 42,123  | 5,487     | 6,520  | 2,343  | 3,064  | 10.4  | 13.5  | 9.7   | 7.4   | 1.3   | 1.2   | 17.0  | 19.4  | 14.8  | 16.8  |
| V2 Retail           | 271   | 9       | Buy        | 361           | 7,744    | 11,022  | 596       | 970    | 442    | 504    | 12.8  | 14.4  | 21.1  | 18.8  | 3.2   | 2.8   | 15.9  | 24.4  | 15.7  | 16.2  |
| Varun Beverages     | 812   | 148     | Buy        | 937           | 46,853   | 53,047  | 9,846     | 11,418 | 2,817  | 3,697  | 15.4  | 20.2  | 52.7  | 40.1  | 7.4   | 6.4   | 13.7  | 15.9  | 15.0  | 17.2  |

|                               |       |         |            | Target | Net Inte | erest     | Pre Pro   | vision  |         |         |       |       |       |       |       |       |       |       |       |       |
|-------------------------------|-------|---------|------------|--------|----------|-----------|-----------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                               | Price | Mkt Cap | _          | Price  | Income   | (Rsmn)    | Profit (F | Rsmn)   | PAT (R  | tsmn)   | EPS   | (Rs)  | PE    | (x)   | PB    | (x)   | ROA   | . (%) | ROE   | (%)   |
| Company Name                  | (Rs)  | (Rs bn) | Reco       | (Rs)   | FY19e    | FY20e     | FY19e     | FY20e   | FY19e   | FY20e   | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e | FY19e | FY20e |
| BFSI                          |       |         |            |        |          |           |           |         |         |         |       |       |       |       |       |       |       |       |       |       |
| Axis Bank                     | 651   | 1,673   | Accumulate | 675    | 214,861  | 254,790   | 173,221   | 209,525 | 35,050  | 85,146  | 13.5  | 32.6  | 48.1  | 20.0  | 2.6   | 2.4   | 0.5   | 1.0   | 5.3   | 11.7  |
| Bajaj Finance                 | 2,537 | 1,466   | Buy        | 2,690  | 93,810   | 125,650   | 66,822    | 90,915  | 35,212  | 48,621  | 61.2  | 84.5  | 41.4  | 30.0  | 7.5   | 6.1   | 3.6   | 3.6   | 19.4  | 22.1  |
| Bank of Baroda                | 124   | 328     | Accumulate | 190    | 187,110  | 215,053   | 134,412   | 156,990 | 23,329  | 48,595  | 8.3   | 16.3  | 15.0  | 7.6   | 1.0   | 0.9   | 0.3   | 0.6   | 5.0   | 9.3   |
| Cholamandalam Finance         | 1,200 | 188     | Buy        | 1,474  | 34,607   | 42,917    | 19,962    | 25,436  | 11,017  | 13,702  | 70.4  | 87.6  | 17.0  | 13.7  | 3.5   | 2.9   | 2.4   | 2.4   | 19.5  | 20.3  |
| Edelw eiss Financial Services | 181   | 169     | Buy        | 211    | 18,974   | 25,572    | 17,732    | 23,154  | 9,274   | 11,652  | 10.1  | 12.7  | 17.9  | 14.2  | 2.3   | 2.0   | 1.3   | 1.5   | 13.2  | 14.7  |
| HDFC                          | 1,959 | 3,368   | Buy        | 2,142  | 137,640  | 171,644   | 154,226   | 181,663 | 105,405 | 124,877 | 61.6  | 72.9  | 31.8  | 26.9  | 4.5   | 4.1   | 2.5   | 2.5   | 15.7  | 16.3  |
| HDFC Bank                     | 2,103 | 5,719   | Buy        | 2,500  | 480,430  | 574,680   | 392,061   | 475,633 | 210,311 | 256,661 | 79.2  | 94.5  | 26.6  | 22.3  | 3.9   | 3.5   | 1.8   | 1.9   | 17.2  | 16.9  |
| HDFC Standard Life            | 395   | 796     | Buy        | 465    | 294,810  | 364,746   |           |         | 13,178  | 16,101  | 6.6   | 8.0   | 60.3  | 49.3  | 13.7  | 11.2  | 1.1   | 1.1   | 25.0  | 25.1  |
| ICICI Bank                    | 380   | 2,448   | Accumulate | 405    | 262,363  | 306,926   | 233,098   | 275,381 | 51,469  | 120,596 | 8.0   | 18.8  | 47.5  | 20.3  | 2.6   | 2.3   | 0.6   | 1.2   | 4.8   | 10.6  |
| ICICI Pru Life                | 324   | 466     | Buy        | 430    | 321,378  | 378,655   |           |         | 13,344  | 15,461  | 9.3   | 10.8  | 34.9  | 30.1  | 6.4   | 5.9   | 0.9   | 0.9   | 18.8  | 20.3  |
| Indusind Bank                 | 1,578 | 950     | Hold       | 1,800  | 106,639  | 134,799   | 90,636    | 114,219 | 41,758  | 61,525  | 60.4  | 89.1  | 26.1  | 17.7  | 3.8   | 3.2   | 1.6   | 1.9   | 15.9  | 19.3  |
| L&T Finance Holdings          | 148   | 296     | Buy        | 160    | 58,223   | 68,782    | 44,455    | 52,731  | 21,448  | 26,660  | 10.6  | 13.7  | 14.0  | 10.9  | 2.6   | 2.2   | 2.1   | 2.2   | 16.8  | 18.6  |
| LIC Housing Finance           | 481   | 243     | Hold       | 461    | 44,763   | 50,793    | 39,627    | 44,682  | 23,243  | 25,801  | 46.0  | 51.1  | 10.4  | 9.4   | 1.6   | 1.4   | 1.2   | 1.2   | 16.4  | 15.5  |
| Magma Fincorp                 | 108   | 29      | Buy        | 176    | 13,315   | 15,027    | 6,465     | 7,615   | 2,705   | 3,398   | 10.0  | 12.6  | 10.7  | 8.5   | 1.3   | 1.1   | 1.7   | 1.8   | 10.8  | 12.0  |
| Mahindra Finance              | 462   | 285     | Buy        | 486    | 44,000   | 53,250    | 28,527    | 35,409  | 12,024  | 16,273  | 19.5  | 26.4  | 23.7  | 17.5  | 3.5   | 3.1   | 2.0   | 2.2   | 12.4  | 15.1  |
| Max Financial                 | 435   | 117     | Buy        | 615    | 142,777  | 167,047   |           |         | 6,318   | 7,557   | 11.8  | 14.4  | 37.0  | 30.3  | 4.1   | 3.7   | 1.1   | 1.1   | 22.1  | 23.4  |
| Reliance Nippon               | 156   | 95      | Buy        | 204    | 18,263   | 20,042    |           |         | 5,343   | 5,870   | 8.9   | 9.8   | 17.4  | 15.9  | 4.1   | 4.0   | 23.0  | 25.0  | 23.1  | 25.0  |
| SBI Life                      | 613   | 613     | Buy        | 830    | 327,188  | 408,697   |           |         | 13,139  | 15,395  | 13.1  | 15.4  | 46.6  | 39.8  | 8.1   | 7.0   | 1.0   | 1.0   | 18.7  | 18.9  |
| Shriram City Union Finance    | 1,546 | 102     | Accumulate | 2,002  | 37,504   | 41,718    | 22,364    | 23,887  | 7,846   | 9,278   | 118.9 | 140.6 | 13.0  | 11.0  | 1.8   | 1.6   | 2.5   | 2.6   | 13.3  | 14.1  |
| Shriram Transport Finance     | 1,193 | 271     | Buy        | 1,510  | 77,501   | 92,269    | 62,807    | 74,862  | 19,924  | 27,030  | 87.8  | 119.1 | 13.6  | 10.0  | 2.1   | 1.8   | 2.1   | 2.4   | 14.4  | 16.6  |
| State Bank of India           | 305   | 2,723   | Accumulate | 345    | 882,829  | 1,005,500 | 554,859   | 663,132 | 10,441  | 165,407 | 1.1   | 17.6  | 275.3 | 17.4  | 1.9   | 1.7   | 0.0   | 0.4   | 0.5   | 6.8   |
| Yes Bank                      | 192   | 445     | Reduce     | 173    | 98,024   | 127,138   | 97,647    | 120,912 | 45,917  | 58,272  | 19.9  | 23.8  | 9.7   | 8.1   | 1.6   | 1.2   | 1.3   | 1.3   | 17.1  | 16.9  |

#### **Emkay Rating Distribution**

| BUY        | Expected total return (%) (Stock price appreciation and dividend yield) of over 25% within the next 12-18 months.    |
|------------|--|
| ACCUMULATE | Expected total return (%) (Stock price appreciation and dividend yield) of over 10% within the next 12-18 months.    |
| HOLD       | Expected total return (%) (Stock price appreciation and dividend yield) of upto 10% within the next 12-18 months.    |
| REDUCE     | Expected total return (%) (Stock price depreciation) of upto (-) 10% within the next 12-18 months.                   |
| SELL       | The stock is believed to underperform the broad market indices or its related universe within the next 12-18 months. |

Completed Date: 09 Jan 2019 12:20:44 (SGT) Dissemination Date: 09 Jan 2019 12:21:44 (SGT)

Sources for all charts and tables are Emkay Research unless otherwise specified.

#### GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of Bombay Stock Exchange Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX). EGFSL along with its subsidiaries offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management, insurance broking and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com

EGFSL is registered as Research Analyst with SEBI bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any stock exchange nor its activities were suspended by any stock exchange with whom it is registered in last five years, except that NSE had disabled EGFSL from trading on October 05, October 08 and October 09, 2012 for a manifest error resulting into a bonafide erroneous trade on October 05, 2012. However, SEBI and Stock Exchanges have conducted the routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

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

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that may be inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. 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 EGFSL or its group companies to any registration or licensing requirement within such jurisdiction. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be used by private customers in United Kingdom. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL . All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its Group Companies. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

• This publication has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research publication relating to any issuer.

• Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets

**Disclaimer for U.S. persons only:** This research report is a product of Emkay Global Financial Services Limited (Emkay), 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 Financial Institutions Regulatory Authority (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 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.

#### GENERAL DISCLOSURE/DISCLAIMER BY DBS BANK LTD AS DISTRIBUTOR OF THE RESEARCH REPORT

This report is solely intended for the clients of DBS Bank Ltd, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBS Bank Ltd.

The research set out in this report is based on information obtained from sources believed to be reliable, but we (which collectively refers to DBS Bank Ltd, its respective connected and associated corporations, affiliates and their respective directors, officers, employees and agents (collectively, the "DBS Group") have not conducted due diligence on any of the companies, verified any information or sources or taken into account any other factors which we may consider to be relevant or appropriate in preparing the research. Accordingly, we do not make any representation or warranty as to the accuracy, completeness or correctness of the research set out in this report. Opinions expressed are subject to change without notice. This research is prepared for general circulation. Any recommendation contained in this document does not have regard to the specific investment objectives, financial situation and the particular needs of any specific addressee. This document is for the information of addressees only and is not to be taken in substitution for the exercise of judgement by addressees, who should obtain separate independent legal or financial advice. The DBS Group accepts no liability whatsoever for any direct, indirect and/or consequential loss (including any claims for loss of profit) arising from any use of and/or reliance upon this document and/or further communication given in relation to this document. This document is not to be construed as an offer or a solicitation of an offer to buy or sell any securities. The DBS Group, along with its affiliates and/or persons associated with any of them may from time to time have interests in the securities mentioned in this document. The DBS Group, may have positions in, and may effect transactions in securities mentioned herein and may also perform or seek to perform broking, investment banking and other banking services for these companies. Any valuations, opinions, estimates, forecasts, ratings or risk assessments herein constitutes a judgment as of the date of this report, and there can be no assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments. The information in this document is subject to change without notice. its accuracy is not guaranteed, it may be incomplete or condensed, it may not contain all material information concerning the company (or companies) referred to in this report and the DBS Group is under no obligation to update the information in this report. This publication has not been reviewed or authorized by any regulatory authority in Singapore, Hong Kong or elsewhere. There is no planned schedule or frequency for updating research publication relating to any issuer.

The valuations, opinions, estimates, forecasts, ratings or risk assessments described in this report were based upon a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies. It can be expected that one or more of the estimates on which the valuations, opinions, estimates, forecasts, ratings or risk assessments were based will not materialize or will vary significantly from actual results. Therefore, the inclusion of the valuations, opinions, estimates, forecasts, ratings or risk assessments described herein IS NOT TO BE RELIED UPON as a representation and/or warranty by the DBS Group (and/or any persons associated with the aforesaid entities), that: (a) such valuations, opinions, estimates, forecasts, ratings or risk assessments were based will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments described herein. Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets. Any assumptions made in this report that refers to commodities, are for the purposes of making forecasts for the company (or companies) mentioned herein. They are not to be construed as recommendations to trade in the physical commodity or in the futures contract relating to the commodity referred to in this report.

DBSVUSA, a US-registered broker-dealer, does not have its own investment banking or research department, has not participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months and does not engage in market-making.

#### ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associate<sup>1</sup> does not serve as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests<sup>2</sup> in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

<sup>2</sup> Financial interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

<sup>&</sup>lt;sup>1</sup> An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

#### COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- 1. EGFSL, its subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of Januery 9, 2019
- 2. EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Research Report Disclosure of previous investment recommendation produced:
- EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- 4. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have any material conflict of interest in the securities recommended in this report as of Januery 9, 2019.
- 5. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the Januery 9, 2019
- EGFSL, its subsidiaries and/or other affiliates and Research Analyst have not received any compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst have not received any compensation or other benefits from securities recommended in this report (subject company) or third party in connection with the research report.
- 8. Securities recommended in this report (Subject Company) has not been client of EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst during twelve months preceding the Januery 9, 2019

#### COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY DBS BANK LTD AS DISTRIBUTOR OF THE RESEARCH REPORT

1. DBS Bank Ltd., DBS HK, DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS") or their subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of 30 Apr 2018.

2. Neither DBS Bank Ltd nor DBS HK market makes in equity securities of the issuer(s) or company(ies) mentioned in this Research Report.

#### Compensation for investment banking services:

3. DBSVUSA, does not have its own investment banking or research department, nor has it participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months. Any US persons wishing to obtain further information, including any clarification on disclosures in this disclaimer, or to effect a transaction in any security discussed in this document should contact DBSVUSA exclusively.

#### Disclosure of previous investment recommendation produced:

4. DBS Bank Ltd. DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS"), their subsidiaries and/or other affiliates may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by DBS Bank Ltd. DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS"), their subsidiaries and/or other affiliates in the preceding 12 months.

#### **RESTRICTIONS ON DISTRIBUTION**

| General                                 | 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.  |
|---|---|
| Australia                               | This report is not for distribution into Australia.   |
| Hong Kong                               | This report is not for distribution into Hong Kong.   |
| Indonesia                               | This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.  |
| Malaysia                                | This report is not for distribution into Malaysia.  |
| Singapore                               | This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 16800306E) or DBSVS (Company Regn. No. 1860024G) both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an agreement under Regulation 32C of the financial Advisers Regulations. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.  |
| Thailand                                | This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.   |
|   | This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom.<br>In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and  |
| United Kingdom                          | associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.  |
| Dubai International<br>Financial Centre | This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608-610, 6 <sup>th</sup> Floor, Gate Precinct Building 5, PO Box 506538, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.  |
| United Arab Emirates                    | This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined<br>in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes<br>only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any<br>financial product. It does not constitute a personal recommendation or take into account the particular investment objectives,<br>financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you<br>need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this<br>report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion<br>thereof may not be reprinted, sold or redistributed without our written consent. |
| United States                           | DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.  |
|   | In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified,  |

#### Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India

Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

#### SINGAPORE

DBS Bank Ltd Contact: Janice Chua 12 Marina Boulevard, Marina Bay Financial Centre Tower 3 Singapore 018982 Tel. 65-6878 8888 Fax: 65 65353 418 e-mail: equityresearch@dbs.com Company Regn. No. 196800306E

#### THAILAND

#### DBS Vickers Securities (Thailand) Co Ltd

Contact: Chanpen Sirithanarattanakul 989 Siam Piwat Tower Building, 9<sup>th</sup>, 14<sup>th</sup>-15<sup>th</sup> Floor Rama 1 Road, Pathumwan, Nagkok Thailand 10330 Tel. 66 2 857 7831 Fax: 66 2 658 1269 e-mail: research@th.dbs.com Company Regn. No 0105539127012 Securities and Exchange Commission, Thailand

#### INDONESIA

#### PT DBS Vickers Sekuritas (Indonesia)

Contact: Maynard Priajaya Arif DBS Bank Tower Ciputra World 1, 32/F JI. Prof. Dr. Satrio Kav. 3-5 Jakarta 12940, Indonesia Tel. 62 21 3003 4900 Fax: 62 21 3003 4943 e-mail: research@id.dbsvickers.com

Dhananjay Sinha, MA (Economics), dhananjay.sinha@emkayglobal.com +91 22 66242435