India Equity Research | BFSI - Banks May 19, 2021 **Result Update**

Canara Bank

Refer to important disclosures at the end of this report

Merger pain behind; strengthening provision/capital buffer should be priority

- Despite moderate credit growth and lower margins, Canara Bank reported a strong beat on PAT at Rs10.1bn (est. Rs4.9bn), driven by higher recovery from the written-off accounts, including Bhushan Power.
- Reported GNPA was flat at 8.9% vs. pro forma GNPA in Q3, mainly due to higher recovery and write-offs. The overall restructuring pool is low at 1.3% of loans, which is positive. The bank guides for FY22 slippages to be ~2.1-2.3% with higher recoveries following resolutions in some lumpy corporate accounts.
- CBK has gradually increased specific PCR to 60%, while the Covid-19-related contingent buffer stood at 0.1% of loans, which we believe needs to be further strengthened. CET 1 remains sub-par at 8.6%, and thus the bank may consider raising capital soon. The bank has the option to offload stake in subsidiaries, but it is not exploring as of now.
- In our view, merger related concerns are largely behind and the bank should report gradual improvement in its RoA/RoE to 0.4-0.5%/8-10% by FY23E-24E (without factoring in dilution), led by better growth/moderate LLP. Retain Buy with a revised TP of Rs175 (from Rs155), factoring in upgrades in earnings/multiple (core bank valued at 0.6x vs. 0.5x).

Focus to shift to growth, and thus better LDR feeding into NIMs: Credit growth has moderated to 3.6% yoy/0.8% qoq mainly due to corporate debulking and tepid growth in MSME (up 2.5% yoy/down 4.7% qoq). The retail portfolio clocked 12% yoy growth, led by housing and vehicle segments. Deposit growth has come in strong at 11.5% yoy/3.9% qoq, driven by a healthy momentum in CASA (up 14% yoy) and Retail TD (up 16.3% yoy). Reported NIM was moderate at 2.75%, mainly impacted by NPA recognition and interest waiver. The bank believes that it is well prepared to face the second Covid-19 wave and expects credit growth to improve in FY22. Better credit growth should lead to better LDR, which will structurally support core margins in the long run.

Stress still remains elevated; need to shore up provision buffer: Reported GNPA was flat qoq at 8.9% (pro forma basis) due to higher recoveries and write-offs. The overall restructuring book stands low at Rs81.4bn - 1.3% of loans (including MSME restructuring of Rs36bn under the Jan'19 circular), while OTR pool stands low at Rs45bn - 0.7% of loans (Corporate- Rs27bn, MSME- Rs11.7bn, Retail- Rs6.4bn) under the RBI RE scheme. CBK used up the entire contingent buffer created earlier and provided Rs5bn (0.1% of advances) toward Covid-19 effects and has additionally provided Rs4.9bn on the OTR book. SMA (0-2)-above Rs50mn A/Cs improved to 3.2% as of Mar'21 (down 41bps qoq). That said, lower collection efficiency of 89% in Apr'21 (92% in Mar'21) remains a concern. CBK expects both credit cost and slippages to be in the range of ~2.1-2.3% for FY22.

Outlook and valuations: We believe that merger related concerns are largely behind and the bank should report gradual improvement in its RoA/RoE to 0.4-0.5%/8-10% by FY23E-24E (without factoring in dilution), led by better growth/moderate LLP. Retain Buy with a revised TP of Rs175 (from Rs155), factoring in upgrades in earnings//multiple (core bank valued at 0.6x vs. 0.5x). Key risks to our call/estimates: Higher-than-expected NPA formation, slower growth trajectory and sharp rise in G-Sec yields leading to lower treasury gains.

Please see our sector model portfolio (Emkay Alpha Portfolio): BFSI-Banks (page 8)

Financial Snapshot (Standalone)

(Rs mn)	FY20	FY21	FY22E	FY23E	FY24E
Net income	209,371	394,241	407,879	433,458	476,940
Net profit	(22,357)	26,344	33,047	53,830	67,449
EPS (Rs)	(21.7)	19.7	20.1	32.7	41.0
ABV (Rs)	203.0	259.8	236.1	266.2	311.2
RoA (%)	(0.3)	0.3	0.3	0.4	0.5
RoE (%)	(7.1)	6.3	6.3	9.5	11.0
PE (x)	(6.7)	7.4	7.3	4.5	3.6
P/ABV	0.7	0.6	0.6	0.5	0.5

Source: Company, Emkay Research

Emkay[®]

СМР	Target Price
Rs 146 as of (May 19, 2021)	Rs 175 (▲) 12 months
Rating	Upside
BUY (∎)	19.9 %

Change in Estimates

EPS Chg FY22E/FY23E	E (%)	74.2/27.3							
Target Price change (%)	NA							
Target Period (Months)		12							
Previous Reco	BUY								
Emkay vs Consensus									
EPS Estimates									
	FY22E	FY23E							
Emkay	20.1	32.7							
Consensus	20.4	29.8							
Mean Consensus TP (1	2M)	Rs 150							
Stock Details									
Bloomberg Code		CBK IN							
Face Value (Rs)		10							
Shares outstanding (mn)	1,647							
52 Week H/L		175 / 76							
M Cap (Rs bn/USD bn)		241 / 3.29							
Daily Avg Volume (nos.)) 2	2,162,320							
Daily Avg Turnover (US	\$ mn)	45.6							

Shareholding Pattern Mar '21

U	
Promoters	69.3%
Flls	4.6%
DIIs	12.6%
Public and Others	13.5%

Price Performance

(%)	1M	3M	6M	12M
Absolute	13	(9)	57	92
Rel. to Nifty	8	(9)	33	13

Relative price chart



May-20 Jul-20 Sep-20Nov-20 Jan-21 Mar-21 May-21
Canara Bank (LHS) Rel to Nifty (RHS)

Source: Bloomberg

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

Anand Dama

anand.dama@emkayglobal.com +91 22 6624 2480

Neelam Bhatia

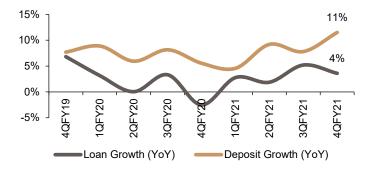
neelam.bhatia@emkayglobal.com +91 22 6612 1262

Mayank Agarwal

mayank.agarwal@emkayglobal.com

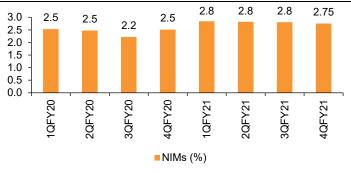
Story in Charts

Exhibit 1: Credit growth remains moderate dragged by corporate debulking, while deposit growth remains healthy



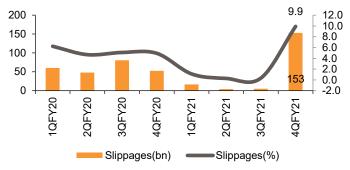
Source: Company, Emkay Research

Exhibit 3: NIM is slightly impacted due to NPA recognition and interest waiver

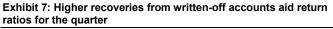


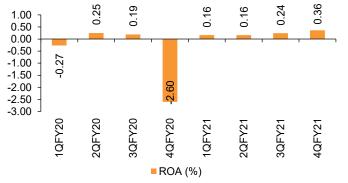
Source: Company, Emkay Research

Exhibit 5: Slippages during Q4 look optically higher due to addition of pro forma numbers from previous quarters



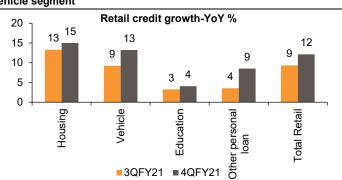
Source: Company, Emkay Research





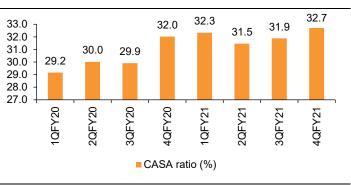
Source: Company, Emkay Research

Exhibit 2: Retail credit growth has improved, led by housing and vehicle segment



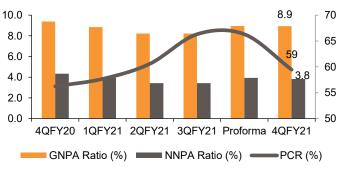
Source: Company, Emkay Research

Exhibit 4: CASA stands at a multi-quarter high of 32.7%



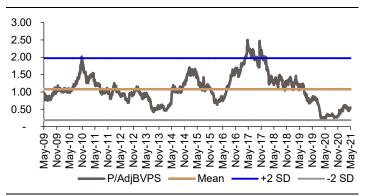
Source: Company, Emkay Research

Exhibit 6: GNPA remains flat qoq, however PCR stands lower at ${\sim}59\%$



Source: Company, Emkay Research

Exhibit 8: The stock is currently trading at 0.5x-1-year forward ABV



Source: NSE, Emkay Research

Exhibit 9: Actual vs. Estimates - (Q4FY21)

Rs mn 🧳	Actuala	Estimates		% V	ariation	Comments	
	Actuals	Emkay	Consensus	Emkay	Consensus		
Net income	107,963	90,532	93,225	19%	16%	Higher other income led to beat	
PPOP	57,026	41,004	43,697	39%	31%	Higher Net income led to beat	
PAT	10,109	4,865	5,029	108%	101%	Higher PPOP led to beat	

Source: Company, Emkay Research

Exhibit 10: Quarterly Summary

Rs (mn)	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	YoY (%)	QoQ (%)	FY21	FY22E	YoY (%)
Interest Earned	176,070	180,358	176,821	172,064	163,155	-7	-5	692,398	750,833	8
Interest Exp	125,210	119,403	113,856	111,255	107,263	-14	-4	451,777	493,663	9
Net Interest Income	50,860	60,956	62,965	60,809	55,892	10	-8	240,622	257,169	7
Global NIMs (reported)	2.51	2.84	2.82	2.80	2.75	24bps	-5bps	2.81	2.41	-40bps
Non-interest Income	30,270	26,501	31,546	42,735	52,071	72	22	153,620	150,710	-2
Operating Expenses	57,020	44,602	48,114	49,728	50,937	-11	2	193,381	205,437	6
Pre Provisioning Profit	24,110	42,855	46,398	53,816	57,026	137	6	200,860	202,442	1
Provision & Contingencies	88,960	38,263	40,168	43,248	41,342	-54	-4	163,021	158,261	-3
PBT	-64,850	4,591	6,229	10,568	15,684	-124	48	37,840	44,181	NM
Income Tax Expense (Gain)	830	529	1,785	3,607	5,575	572	55	11,496	11,134	NM
Net Profit/(Loss)	-65,680	4,062	4,444	6,961	10,109	-115	45	26,344	33,047	25
Gross NPA (%)	9.39	8.84	8.23	7.46	8.93	-46bps	147bps	8.93	8.64	-29bps
Net NPA (%)	4.34	3.95	3.42	2.64	3.82	-52bps	118bps	3.82	3.38	-44bps
Deposits (Rs in bn)	9,066	9,096	9,488	9,730	10,109	11	4	10,109	10,661	5
Net Advances (Rs in bn)	6,168	6,172	6,163	6,342	6,390	4	1	6,390	6,828	7

Source: Company, Emkay Research

Exhibit 11: Revision in Estimates

Y/E Mar (Rs mn)	FY22E				FY24E		
	Earlier	Revised	% change	Earlier	Revised	% change	Introduced
Net income	383,362	407,879	6.40%	412,929	433,458	4.97%	476,940
PPOP	179,422	202,442	12.8%	194,163	213,095	9.8%	239,205
PAT	18,972	33,047	74.2%	42,329	53,830	27.2%	67,449
EPS (Rs)	11.5	20.1	74.2%	25.7	32.7	27.2%	41.0
BV (Rs)	302.9	328.7	8.5%	323.6	356.4	10.1%	390.4

Source: Emkay Research

We have increased our earnings estimate by 27-74% for FY22-23, factoring in better growth and moderate LLP.

Exhibit 12: Key Assumptions

	FY21A	FY22E	FY23E	FY24E
Loan Growth %	47.9	6.8	10.2	12.1
Deposit Growth %	61.6	5.5	7.1	7.1
NIM %	2.8	2.4	2.5	2.6
GNPA %	8.9	8.6	8.1	7.4
Credit Cost %	2.7	2.2	1.8	1.7

Source: Emkay Research

Exhibit 13: Kay ratios and trends

	4QFY19	1QFY20	2QFY20	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21
Loans (Rs bn)	4,277	6,005	6,050	6,029	6,168	6,172	6,163	6,342	6,390
-Growth % (YoY)	12.1	55.5	47.7	44.5	44.2	2.8	1.9	5.2	3.6
-Growth % (QoQ)	2.5	40.4	0.7	-0.3	2.3	0.1	-0.1	2.9	0.8
Liability Profile & Capital (%)									
CASA	29.2	29.2	30.0	29.9	32.0	32.3	31.5	31.9	32.7
-CA	3.9	3.6	3.7	3.9	4.4	4.5	4.2	4.4	4.9
-SA	25.3	25.6	26.3	26.0	27.6	27.9	27.3	27.5	27.8
Branches	6,315	10,380	10,366	10,396	10,391	10,451	10,495	10,494	10,416
CAR %	11.9	12.3	13.9	12.2	13.0	12.8	12.8	13.7	13.2
Tier I %	9.0	9.5	11.1	11.1	9.6	9.3	9.5	10.5	10.1
Asset Quality (%)									
GNPA	8.8	10.3	10.1	9.8	9.4	8.8	8.2	7.5	8.9
NNPA	5.4	5.9	5.7	5.6	4.3	4.0	3.4	2.6	3.8
PCR	41.5	45.6	46.1	45.4	56.2	57.7	60.6	66.3	59.5
Slippages (Rs mn)	24,690	60,200	47,870	80,550	52,670	16,750	4,150	5,080	152,870
Slippages - annualized (%)	2.6	6.2	4.7	7.7	4.9	1.1	0.3	0.3	9.9
ROE Decomposition %									
NII	2.1	2.6	2.2	2.4	2.3	2.5	2.4	2.2	2.0
Other Income	1.1	1.2	1.3	1.2	1.3	1.1	1.2	1.5	1.8
Treasury	0.1	0.1	0.2	0.2	0.1	0.3	0.2	0.5	0.2
Opex	1.4	2.1	1.9	1.9	2.5	1.8	1.8	1.8	1.8
PPOP	1.7	1.7	1.6	1.6	1.1	1.8	1.7	2.0	2.0
Provisioning Cost	3.2	2.0	1.2	1.3	3.9	1.6	1.5	1.6	1.5
РВТ	-1.5	-0.3	0.4	0.4	-2.9	0.2	0.2	0.4	0.6
Тах	-1.2	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.2
ROA	(0.3)	(0.3)	0.3	0.3	(2.9)	0.2	0.2	0.3	0.4
Leverage (x)	18.8	21.3	20.1	20.2	23.0	18.5	19.6	19.4	19.3
ROE	-6.1	-7.1	5.7	6.9	-66.9	3.1	3.3	4.9	6.9

Source: Company, Emkay Research

Key Financials (Standalone)

Income Statement

Y/E Mar (Rs mn)	FY20	FY21	FY22E	FY23E	FY24E
Net interest income	131,239	240,622	257,169	279,331	313,710
Other income	78,132	153,620	150,710	154,128	163,230
Fee income	12,571	52,430	55,052	60,557	69,640
Net income	209,371	394,241	407,879	433,458	476,940
Operating expenses	115,772	193,381	205,437	220,364	237,735
Pre provision profit	93,598	200,860	202,442	213,095	239,205
PPP excl treasury	86,004	167,700	172,598	186,235	215,032
Provisions	111,154	163,021	158,261	141,130	149,032
Profit before tax	(17,556)	37,840	44,181	71,965	90,173
Тах	4,802	11,496	11,134	18,135	22,724
Tax rate	(27)	30	25	25	25
Profit after tax	(22,357)	26,344	33,047	53,830	67,449

Balance Sheet

Y/E Year End (Rs mn)	FY20	FY21	FY22E	FY23E	FY24E
Equity	10,302	16,467	16,467	16,467	16,467
Reserves	382,627	572,382	604,606	650,202	706,124
Net worth	392,930	588,849	621,073	666,669	722,591
Deposits	6,253,512	10,108,746	10,660,662	11,415,734	12,227,906
Borrowings	276,125	333,193	266,555	239,899	227,904
Total liabilities	7,238,749	11,536,750	11,837,917	12,592,958	13,711,859
Cash and bank	225,701	431,116	452,672	475,306	499,071
Investments	1,762,449	2,616,904	2,747,923	2,810,177	3,000,947
Loans	4,321,752	6,390,490	6,828,100	7,525,670	8,435,740
Others	389,070	633,211	700,529	772,567	879,942
Total assets	7,238,749	11,536,750	11,837,917	12,592,958	13,711,859

Key Ratios (%)

FY20	FY21	FY22E	FY23E	FY24E
2.0	2.8	2.4	2.5	2.6
1.1	1.6	1.3	1.3	1.2
0.2	0.6	0.5	0.5	0.5
1.6	2.1	1.8	1.8	1.8
1.6	1.7	1.4	1.2	1.1
(0.2)	0.4	0.4	0.6	0.7
0.1	0.1	0.1	0.1	0.2
(0.3)	0.3	0.3	0.4	0.5
(7.1)	6.3	6.3	9.5	11.0
8.2	8.9	8.6	8.1	7.4
4.2	3.8	3.4	3.0	2.3
FY20	FY21	FY22E	FY23E	FY24E
(21.7)	19.7	20.1	32.7	41.0
319.9	380.3	328.7	356.4	390.4
203.0	259.8	236.1	266.2	311.2
0.0	0.0	0.5	5.0	7.0
EV20	FY21	FY22E	FY23E	FY24E
1120				
(6.7)	7.4	7.3	4.5	3.6
(6.7)	7.4	7.3	4.5	0.5
(6.7) 0.7	7.4 0.6	7.3 0.6	4.5 0.5	3.6 0.5 0.5 1.0
	2.0 1.1 0.2 1.6 (0.2) 0.1 (0.3) (7.1) 8.2 4.2 FY20 (21.7) 319.9 203.0 0.0	2.0 2.8 1.1 1.6 0.2 0.6 1.6 2.1 1.6 1.7 (0.2) 0.4 0.1 0.1 (0.3) 0.3 (7.1) 6.3 8.2 8.9 4.2 3.8 FY20 FY21 (21.7) 19.7 319.9 380.3 203.0 259.8 0.0 0.0	2.0 2.8 2.4 1.1 1.6 1.3 0.2 0.6 0.5 1.6 2.1 1.8 1.6 1.7 1.4 (0.2) 0.4 0.4 0.1 0.1 0.1 (0.3) 0.3 0.3 (7.1) 6.3 6.3 8.2 8.9 8.6 4.2 3.8 3.4 FY20 FY21 FY22E (21.7) 19.7 20.1 319.9 380.3 328.7 203.0 259.8 236.1 0.0 0.0 0.5	2.0 2.8 2.4 2.5 1.1 1.6 1.3 1.3 0.2 0.6 0.5 0.5 1.6 2.1 1.8 1.8 1.6 1.7 1.4 1.2 (0.2) 0.4 0.4 0.6 0.1 0.1 0.1 0.1 (0.3) 0.3 0.3 0.4 (7.1) 6.3 6.3 9.5 8.2 8.9 8.6 8.1 4.2 3.8 3.4 3.0 FY20 FY21 FY22E FY23E (21.7) 19.7 20.1 32.7 319.9 380.3 328.7 356.4 203.0 259.8 236.1 266.2

Growth (%)	FY20	FY21	FY22E	FY23E	FY24E
NII	(9.4)	83.3	6.9	8.6	12.3
PPOP	(11.6)	114.6	0.8	5.3	12.3
PAT	(744.3)	(217.8)	25.4	62.9	25.3
Loans	1.0	47.9	6.8	10.2	12.1
Quarterly (Rs mn)	Q4FY20	Q1FY21	Q2FY21	Q3FY21	Q4FY21
NII	50,860	60,956	62,965	60,809	55,892
NIM (%)	2.5	2.8	2.8	2.8	2.8
PPOP	24,110	42,855	46,398	53,816	57,026
PAT	(65,680)	4,062	4,444	6,961	10,109
EPS (Rs)	(63.75)	2.79	3.06	4.23	6.14
Source: Company, Emkay Research					
Shareholding Pattern (%)	Jun-20	Sep-20	Dec-20	Dec-20	Mar-21
Promoters	78.6	78.6	69.3	69.3	69.3
Flls	2.6	2.3	4.5	8.0	4.6
DIIs	9.4	8.9	12.0	12.9	12.6

9.5

10.3

14.2

9.7

13.5

Public and Others Source: Capitaline

RECOMMENDATION HISTORY TABLE

Date	Closing Price	TP	Period (months)	Rating	Analyst
29-Jan-21	132	155	12m	Buy	Anand Dama
20-Jan-21	142	155	12m	Hold	Anand Dama
31-Oct-20	86	85	12m	Hold	Anand Dama
26-Jun-20	105	88	12m	Sell	Anand Dama
11-Apr-20	92	70	12m	Sell	Anand Dama
24-Jan-20	219	160	12m	Sell	Anand Dama
7-Nov-19	210	160	12m	Sell	Anand Dama
9-Oct-19	184	153	12m	Sell	Anand Dama
3-Sep-19	197	185	12m	Sell	Anand Dama
25-Jul-19	239	225	12m	Sell	Anand Dama
13-May-19	243	225	12m	Sell	Anand Dama
20-Mar-19	276	240	12m	Sell	Anand Dama

Source: Company, Emkay Research

RECOMMENDATION HISTORY CHART



Source: Bloomberg, Company, Emkay Research



Analyst: Anand Dama

Contact Details

anand.dama@emkayglobal.com +91 22 6624 2480

Sector

Banks

Barinto

Analyst bio

Anand Dama is a CA, CPM (ICFAI) with total 12 years of research experience, in addition to 3 years in the finance/rating industry. His team currently covers 21 banks and 15 stocks in the NBFC/Insurance space.

Emkay Alpha Portfolio – BFSI-Banks

EAP sector portfolio

Company Name	BSE200 Weight	EAP Weight	OW/UW (%)	OW/UW (bps)	EAP Weight (Normalised)
BFSI-Banks	20.64	20.61	-0.1%	-3	100.00
Axis Bank	2.18	2.27	4%	8	10.98
AU Small Finance Bank	0.24	0.20	-18%	-4	0.95
Bandhan Bank	0.25	0.29	17%	4	1.40
Bank of Baroda	0.17	0.11	-31%	-5	0.56
Canara Bank	0.09	0.00	-100%	-9	0.00
City Union Bank	0.15	0.22	48%	7	1.05
DCB Bank	0.00	0.00	NA	0	0.00
Equitas Small Finance Bank	0.00	0.04	NA	4	0.19
Federal Bank	0.20	0.24	23%	4	1.17
HDFC Bank	7.01	7.12	1%	11	34.47
ICICI Bank	5.09	5.25	3%	15	25.41
Indian Bank	0.00	0.00	NA	0	0.00
Indusind Bank	0.64	0.75	16%	10	3.61
Karur Vysya Bank	0.00	0.00	NA	0	0.00
Kotak Mahindra Bank	2.67	2.20	-18%	-47	10.64
Punjab National Bank	0.10	0.00	-100%	-10	0.00
RBL Bank	0.12	0.09	-27%	-3	0.41
State Bank of India	1.71	1.86	9%	15	9.02
Ujjivan Small Finance Bank	0.00	0.00	NA	0	0.00
Union Bank of India	0.03	0.00	-100%	-3	0.00
Yes Bank	0.00	0.00	NA	0	0.00
Cash	0.00	0.03	NA	3	0.15
Source: Emkou Beasarah					

Source: Emkay Research

* Not under coverage: Equal Weight

High Conviction/Strong Over Weight

Sector portfolio NAV

	Base					Latest
	1-Apr-19	19-May-20	18-Nov-20	16-Feb-21	16-Apr-21	18-May-21
EAP - BFSI-Banks	100.0	60.8	103.2	126.4	109.8	116.7
BSE200 Neutral Weighted Portfolio (ETF)	100.0	60.0	101.4	124.0	107.7	114.1

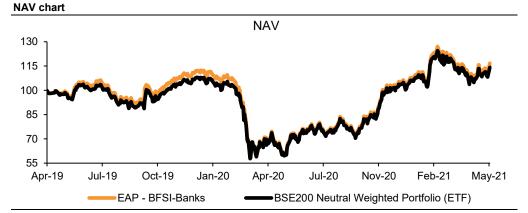
*Performance measurement base date 1st April 2019

Source: Emkay Research

Price Performance (%)

	1m	3m	6m	12m
EAP - BFSI-Banks	6.3%	-7.7%	13.1%	91.9%
BSE200 Neutral Weighted Portfolio (ETF)	6.0%	-7.9%	12.6%	90.2%

Source: Emkay Research



Source: Emkay Research

Please see our model portfolio (Emkay Alpha Portfolio): Nifty

Please see our model portfolio (Emkay Alpha Portfolio): SMID

"Emkay Alpha Portfolio – SMID and Nifty are a supporting document to the Emkay Alpha Portfolios Report and is updated on regular intervals"

Emkay Rating Distribution

Expected Return within the next 12-18 months.
Over 15%
Between -5% to 15%
Below -5%
C

Completed Date: 20 May 2021 02:38:29 (SGT) Dissemination Date: 20 May 2021 02:39:29 (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.

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 associate¹ 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 interests² 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.

¹ 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.

² 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.

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 May 19, 2021
- 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 May 19, 2021.
- 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 May 19, 2021
- 6. 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.
- 7. 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 May 19, 2021

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.
United Kingdom	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. In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, 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 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 Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608-610, 6 th 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 in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes 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 financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion 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.
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

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