

# Technical Report

## Closing Brief

The BSE Sensex closed at 36,068.33, down 8.39 points or 0.02%, and the Nifty 50 ended at 10,862.55, up 2.65 points or 0.02%.

## Technical Build up

- ❖ Bullish candle with decrease in volume
- ❖ Buy crossover in oscillators.
- ❖ Upper band of Bollinger exist at 11033
- ❖ Crucial moving average of 20/50 SMA are at 10779 and 10601
- ❖ 200 SMA trend deciding level exist at 10775

## Outlook for the day

Indian Equity market Closed little changed on the last day of the year after a volatile session. On the sectoral front, Nifty MEDIA and PHARMA underperformed the broader index Nifty 50 while AUTO and IT outperformed Nifty 50. Tata Steel, Titan, Sun Pharma, Vedanta, Indian Oil, Tata Motors and Yes Bank were among the top gainers on the key indices, whereas Bharti Airtel, Axis Bank, BPCL, TCS, Bajaj Auto and Hero MotoCorp were among the major losers. On the technical front, Nifty Over the past few sessions, the index has retraced 61.8% of last up move though market seems to be consolidating amidst 10550-11000 and any dip towards 10780 should be used as an incremental buying opportunity for up move. In the forthcoming weeks Nifty need to sustain above 10750 (on a closing basis) to keep pullback options open, as it is confluence of 38.2% retracement of current decline (i.e. High 11760; Low 10004) at 10670 and the 200 days SMA is placed around 10768. Technically speaking, the structure remains bullish as long as Nifty remains above 10500 on a closing basis. A prudent strategy in such scenario is to follow buy on strength strategy i.e. above 10900 avoid taking undue risks, downside level of 10500 need to watched as it might witnessing another round of pullback from low. During the support in Nifty exist at 10830 followed by 10800 while resistance is seen at 10890 followed by 10930. On the option front maximum Call OI is at 11400 followed by 11300 strike while maximum Put OI is at 10700 followed by 10000 strikes



## Technical & Derivative Report

World Indices	LTP	Daily Ch(Pts)	Daily Ch(%)
Dow Jones	23327	265	1.15
Nasdaq	6635	50	0.77
S&P 500	2506	21	0.85
FTSE 100	6728	-5	-0.09
DAX	10558	177	1.71
Hang Seng	25845	341	1.34
Nikkei	20014	-62	-0.31
Sensex	36068	-8	-0.02
Nifty	10862	2	0.02

Commodity /Forex	LTP	Daily 1.1Ch(Pts)	Daily Ch(%)
Gold (\$/Oz)	1281.30	-1.70	-0.13
Silver (\$/Oz)	15.54	0.10	0.67
Copper(Usd/lb.)	263.10	-5.05	-1.88
Brent Crude(USD/bbl)	53.80	0.59	1.11
USD/INR	69.76	-0.16	-0.24
USD/YEN	109.94	0.25	0.23
USD/EUR	1.1466	-0.0001	-0.01

Support/Resistance levels for Indian Equity Indices					
	S1	S2	CMP	R1	R2
Sensex	35960	35860	36068	36175	36295
Nifty	10830	10800	10862	10890	10930
Nifty (Fut)	10880	10850	10916	10940	10980

Pivot Level					
	S1	S2	CMP	R1	R2
Sensex					
Nifty					

**US:** U.S market concluded a tumultuous 2018 on Monday as the major stock indexes posted their worst yearly performances since the financial crisis. Technically it seems that present price consolidation has led to bullish Descending triangle formation and provided the necessary breakout.



Increase in OI with Increase in Price (Long Buildup)					
Symbol	Prev OI	Curr OI	CMP	Pr.Chg (%)	OI Chg (%)
CHENN	1,110,600	1,330,200			19.7%
PETRO	682,200	808,200	295.25	2.41%	7%
MGL	0	0	904.7	0.65%	7%
CONCO	2,126,250	2,441,250			14.8%
R	50	50	691	2.75%	1%
JINDAL	21,258,000	24,252,750			14.0%
STEL	0	750	165.7	2.19%	9%
RAMCO	655,200	746,400			13.9%
CEM	0	0	644.65	0.26%	2%

Increase in OI with Decrease in Price (Short Buildup)					
Symbol	Prev OI	Curr OI	CMP	Pr.Chg (%)	OI Chg (%)
CESC	1,691,800	1,904,100	674.95	-0.71%	%
BPCL	9,306,000	10,398,600	355.05	-0.32%	%
TORNT	313,000	348,000	1,771.1		11.18%
PHARM	0	0	0	-0.95%	%
L&TFH	16,767,000	18,378,000	153.55	-1.22%	9.61%
BEL	32,664,000	35,202,000	86.7	-0.46%	7.77%

Nifty gained by 0.02% with Nifty future added 10.1 lakh shares in open interest and stock future added 370.4 Lakh shares in open interest.

- Nifty PCR remained unchanged at 1.53
- Total Nifty Calls added 19.6 lakh shares in open interest.
- Total Nifty Puts added 28.2 lakh shares in open interest.
- Maximum open interest (Nifty) in Calls for Nov series is at 11200 and 10500 put.
- FII's sold net Rs.326.87 Cr (provisional), while DIIs bought net Rs.321.98 Cr in cash market.
- FII bought net Rs. 2318.15 Cr in F&O
- Securities in Ban Period: ADANIPOWER

### Nifty Tracker

PARTICULARS	30/12/2018	28/12/2018	27/12/2018	26/12/2018
Spot	10862.55	10859.9	10779.8	10729.85
% Change in Spot	0.02%	0.74%	0.47%	0.62%
Nifty(FUT) Dec	10916.85	10907.75	10783.65	10748.5
Nifty(FUT) Dec Vol.	91544	111060	180404	268005
Nifty(FUT) Dec - OI	23395950	22476600	7738200	11201025
Nifty(FUT) Jan	10948.8	10941.15	10809.85	10790.7
Nifty(FUT) Jan Vol.	1924	2407	143118	145937
Nifty(FUT) Jan - OI	540300	519450	21821700	17366625

### Trade Statistics for 30/12/2018

PARTICULARS	NO. OF CONTRACTS	TURNOVER (RS. CR.)	PUT CALL RATIO
NSE Index Futures	2,23,864	15346	-
NSE Stock Futures	6,26,053	37582	-
NSE Index Options	54,35,217	3,25,606.60	-
NSE Stock Options	3,50,181	21713	0.45
NSE F&O Total Turnover	66,35,315	400,247	0.9
NSE Cash Turnover	-	25,670.03	-
BSE Cash Turnover	-	2,048.35	-
Total Turnover	-	427965	-

### FII Corner (F&O)

FII NET BUYING/SELLING & CHANGE IN OPEN INTEREST (Cr. Rupee)						
PARTICULARS	30/12/2018		28/12/2018		27/12/2018	
	Net Buying /Selling	Change In Open interest	Net Buying /Selling	Change In Open interest	Net Buying /Selling	Change In Open interest
Index Future	550	1289	632	664	1041	-11206
Index option	1694	2195	2595	3894	-1813	-33275
Stock Future	-9	555	824	1433	670	-13451
Stock option	84	462	296	1313	294	-7883
Total	2319	4501	4347	7304	192	-65815

### Market Open Interest

ADDITION/REDUCTION IN MARKET OPEN INTEREST					
Contracts	30/12/2018	28/12/2018	27/12/2018	26/12/2018	24/12/2018
Index Futures	1419	-8792	1260	3527	397
Index Options	1657	-15963	2341	1711	1085
Stock Futures	14414	-89030	27516	1568	7893
Stock Options	2363	-24293	-972	-2036	-468
F&O Total	19852	-138078	30145.65	4769.77	8906.36

## Nifty Option Open Interest Statistics

NIFTY OPTIONS HIGHEST ADDITION IN OPEN INTEREST						
Expiry	Strike	Option Type	Settlement Price	Volume	Open Interest	Change In OI
31-Jan-19	10700	PE	112.65	51074	1856550	401400
31-Jan-19	11400	CE	22.15	28017	1095450	359175
31-Jan-19	11300	CE	38.8	41901	1512825	339375
31-Jan-19	10900	CE	194.75	53740	1888425	277125
31-Jan-19	10000	PE	19.3	26201	3025800	260025
28-Feb-19	11000	PE	275.5	5702	490575	259050
31-Jan-19	10900	PE	178.25	51638	1340400	235425
31-Jan-19	10800	PE	142.05	60559	1954650	192300
31-Jan-19	11000	CE	141.05	79582	2640225	183750
31-Jan-19	11200	CE	63.65	68232	2824050	178950

NIFTY OPTIONS HIGHEST REDUCTION IN OPEN INTEREST						
Expiry	Strike	Option Type	Settlement Price	Volume	Open Interest	Change In OI
31-Jan-19	11000	PE	223.55	27578	2039550	-182850
31-Jan-19	10800	CE	256.15	17213	1409025	-74400
31-Jan-19	11800	CE	3	4313	254100	-33750
31-Jan-19	10600	CE	399.6	1895	485025	-32025
31-Jan-19	9000	CE	1901.1	528	1105800	-28575
31-Jan-19	10700	CE	324.1	3828	714900	-28275
31-Jan-19	11500	PE	584.5	777	825825	-25950
31-Jan-19	12000	PE	1070.1	478	812775	-15150
31-Jan-19	10000	CE	920.1	478	736650	-15000
31-Jan-19	9500	CE	1407.75	272	642075	-11925

## Stock Option Open Interest Statistics

STOCK OPTIONS WITH HIGHEST ADDITION IN OPEN INTEREST							
Symbol	Expiry	Strike	Option Type	Settl. Price	Volume	Open Interest	Change in OI
NBCC	31-Jan-19	70	CE	0.5	479	2520000	2312000
NBCC	31-Jan-19	65	CE	0.95	314	1976000	912000
SOUTHBANK	31-Jan-19	17	CE	0.3	53	2850126	861666
EXIDEIND	31-Jan-19	300	CE	2	845	854000	844000
ASHOKLEY	31-Jan-19	95	PE	1.85	509	1388000	792000
BANKINDIA	31-Jan-19	115	CE	1.95	205	1104000	750000
SAIL	31-Jan-19	60	CE	1.2	1731	5124000	744000
PNB	31-Jan-19	90	CE	0.65	252	3346000	742000
IFCI	31-Jan-19	15	PE	0.75	25	2170000	735000
ITC	31-Jan-19	310	CE	0.6	668	2644800	672000

STOCK OPTIONS WITH HIGHEST REDUCTION IN OPEN INTEREST							
Symbol	Expiry	Strike	Option Type	Settl. Price	Volume	Open Int.	Change in OI
IDFC	31-Jan-19	32	PE	0.05	60	0	-396000
SREINFRA	31-Jan-19	22.5	PE	0.1	40	828000	-240000
JPASSOCIAT	31-Jan-19	9	CE	0.25	6	2200000	-220000
JPASSOCIAT	31-Jan-19	5	PE	0.05	6	110000	-220000
RELCAPITAL	31-Jan-19	300	CE	0.75	436	276000	-216000
SYNDIBANK	31-Jan-19	29	PE	0.1	29	105000	-195000
SAIL	31-Jan-19	55	CE	3.15	512	3192000	-192000
BHEL	31-Jan-19	72.5	CE	3.2	105	952500	-187500
BHEL	31-Jan-19	70	CE	4.75	59	660000	-150000
JSWSTEEL	31-Jan-19	300	CE	16.05	347	174000	-147000

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