

## Technical Report

### Closing Brief

Indian equity markets witnessed a gap down opening today, after the US 10 year Bond Yields were seen soaring overnight as inflation in the United States could see upticks from here on. The sentiment in the market was clearly negative today as Nifty breached consecutive supports to close near the low point of the day at 8296.30 down 2.69%.

### Technical Build up

- ❖ Bearish candle with decrease in volume
- ❖ Sell crossover in oscillators.
- ❖ Lower band of Bollinger exist at 8360
- ❖ Crucial moving average of 20/50 SMA are at 8569 and 8682
- ❖ 200 SMA trend deciding level exist at 8116

### Outlook for the day

Indian Equity market Nifty tanked over two and half percent, tracking weak global cues. After the US election, possibility of rate hike in US again resurfaced, which spooked the markets world over. On the technical front, Nifty has closed the week below the 200 DEMA level indicating weakness in the index. Most of the technical indicators suggest the bearish trend to continue. The index is likely to remain under pressure and trade with negative bias unless 8600-8620 is not taken out on a closing basis. Going forward, immediate support is placed at 8180-8200 below which 8000 could be tested. Resistance now comes in at 8400 and above that at 8480-8500 short term perspective. On the F&O front increase in OI followed by decrease in price indicates short buildup while on the option front the maximum OI addition is seen at 8000 PE followed by 8100 PE of more 3.37 lakh and more than 2.82 lakh shares respectively. On the flip side 8500 CE and 8600 CE has seen more than 4.42 lakh and more than 3.68 lakh respectively.

### Technical & Derivative Report

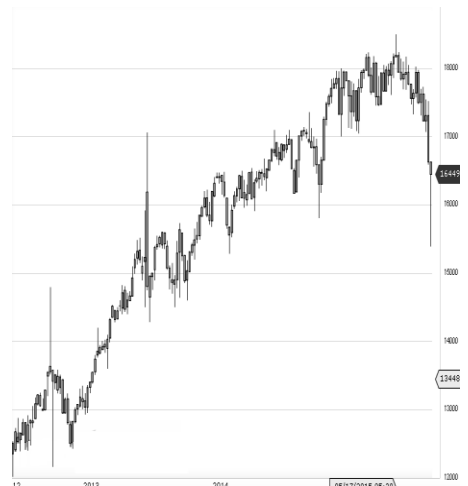
World Indices	LTP	Daily Ch(Pts)	Daily Ch(%)
Dow Jones	18868	21	0.11
Nasdaq	5218	-18	-0.36
S&P 500	2164	-	-0.01
FTSE 100	6753	22	0.34
DAX	10693	25	0.24
Hang Seng	22279	57	0.26
Nikkei	17640	-32	-0.18
Sensex	26818	-698	-2.54
Nifty	8296	-229	-2.69

Commodity /Forex	LTP	Daily Ch(Pts)	Daily Ch(%)
Gold (\$/Oz)	1226.50	4.80	0.39
Silver (\$/Oz)	17.05	0.16	0.93
Copper(USD/lb.)	256.50	4.40	1.75
Brent Crude(USD/bbl)	44.95	0.52	1.17
USD/INR	67.24	0.61	0.93
USD/YEN	108.14	-0.28	-0.26
USD/EUR	1.0753	0.0016	0.15

Support/Resistance levels for Indian Equity Indices					
	S1	S2	CMP	R1	R2
Sensex	26630	26400	26818	26980	27195
Nifty	8240	8170	8296	8350	8410
Nifty (Fut)	8570	8200	8327	8380	8440

Pivot Level	
Sensex	26980
Nifty	8347

**US:** US market closed mixed on Monday, after the Dow Jones industrial average hit a new all-time high, as investors evaluated the prospects of economic growth following Donald Trump's presidential election win. Technically DJIA is presently trading at the 5th leg through Elliot wave count with negative divergence in oscillators.



Increase in OI with Increase in Price (Long Buildup)						Increase in OI with Decrease in Price (Short Buildup)					
Symbol	Prev OI	Curr OI	OI Chg (%)	Curr Pr.	Pr.Chg (%)	Symbol	Prev OI	Curr OI	OI Chg (%)	Curr Pr.	Pr.Chg (%)
PIDILITI						ICIL	265.8	1360	411.7	148.6	[81.4]
ND	1997	2251	12.7	671	0.4	HEROM					
UNIONB						OTOCO	7306	8499	16.3	2995	[5.1]
ANK	3620	3924	8.4	143.25	0.4	APOLLO					
ALBK	1619	1729	6.8	74.6	0.1	HOSP	1187	1364	14.9	1266.7	[3.2]
SIEMENS						TVSMO					
S	1600	1684	5.3	1142	4.4	TOR	2477	2809	13.4	362	[4.8]
SUNPHA						KOTAKB					
RMA	48280	50207	4	693	3.6	ANK	9233	10408	12.7	820.4	[0.3]

Nifty declined by 2.69% with Nifty future added 6.7 lakh shares in open interest and stock future added 110.6 Lakh shares in open interest.

- Nifty PCR decreased to 0.83 from 0.98
- Total Nifty Calls added 115.5 lakh shares in open interest.
- Total Nifty Puts shaded 3.9 lakh shares in open interest.
- Maximum open interest (Nifty) in Calls for Oct series is at 9000 and 8200 put.
- FII's sold net Rs.1493.27 Cr(provisional), while DIIs bought net Rs.64.72 Cr in cash market.
- FII sold net Rs.5244.98 Cr in F&O
- Securities in Ban Period: DISHTV & JINDALSTEL

## Nifty Tracker

PARTICULARS	11/11/2016	10/11/2016	09/11/2016	08/11/2016
Spot	8296.3	8525.75	8432	8543.55
% Change in Spot	-2.69%	1.11%	-1.31%	0.55%
Nifty(FUT) Nov	8327.95	8553.35	8462.7	8566.55
Nifty(FUT) Nov Vol.	247448	185038	457804	116708
Nifty(FUT) Nov - OI	17516325	17023275	16679925	16022775
Nifty(FUT) Dec	8381.15	8604.95	8515.95	8615.55
Nifty(FUT) Dec Vol.	12556	9538	24189	3704
Nifty(FUT) Dec - OI	1379475	1263600	1249350	1135200

## Trade Statistics for 11/11/2016

PARTICULARS	NO. OF CONTRACTS	TURNOVER (RS. CR.)	PUT CALL RATIO
NSE Index Futures	3,82,205	26075	-
NSE Stock Futures	7,04,444	48458	-
NSE Index Options	52,93,743	3,60,567.07	-
NSE Stock Options	5,87,750	42454	0.59
NSE F&O Total Turnover	69,68,142	477,554	0.86
NSE Cash Turnover	-	26,051.55	-
BSE Cash Turnover	-	3461.19	-
Total Turnover	-	507067	-

## FII Corner (F&O)

FII NET BUYING/SELLING & CHANGE IN OPEN INTEREST (Cr. Rupee)						
PARTICULARS	11/11/2016		10/11/2016		09/11/2016	
	Net Buying /Selling	Change In Open interest	Net Buying /Selling	Change In Open interest	Net Buying /Selling	Change In Open interest
Index Future	-1020	-1136	205	121	709	421
Index option	-2375	6054	1261	3294	461	2786
Stock Future	-1708	-1231	558	1517	770	-766
Stock option	-142	334	-47	579	-139	412
Total	-5245	4021	1977	5511	1801	2853

## Market Open Interest

ADDITION/REDUCTION IN MARKET OPEN INTEREST					
Contracts	11/11/2016	10/11/2016	09/11/2016	08/11/2016	07/11/2016
Index Futures	102	926	892	-73	-1046
Index Options	-1571	2899	-2569	-67	523
Stock Futures	-4671	14884	2350	10973	3966
Stock Options	1646	1940	531	1136	1128
F&O Total	-4494	20649	1204.66	11968.34	4570.95

## Nifty Option Open Interest Statistics

NIFTY OPTIONS HIGHEST ADDITION IN OPEN INTEREST						
Expiry	Strike	Option Type	Settlement Price	Volume	Open Interest	Change In OI
24-Nov-16	8500	CE	41.4	442068	5043975	2313675
24-Nov-16	8400	CE	75.25	224647	3016200	1668750
24-Nov-16	8600	CE	20.95	368889	4821300	1529100
24-Nov-16	8700	CE	10.35	287964	5810400	1350300
24-Nov-16	8800	CE	5.45	180576	5641500	1124025
24-Nov-16	8450	CE	57.25	25189	611550	483750
24-Nov-16	8300	CE	126.5	49534	2072325	482700
29-Dec-16	9000	CE	14.6	30533	2563025	431850
24-Nov-16	8000	PE	30.2	127074	4562475	337800
24-Nov-16	8300	PE	98.3	375110	3692175	291375

NIFTY OPTIONS HIGHEST REDUCTION IN OPEN INTEREST						
Expiry	Strike	Option Type	Settlement Price	Volume	Open Interest	Change In OI
24-Nov-16	8500	PE	210.6	162322	2762325	-1314675
24-Nov-16	8600	PE	288.95	51796	1936950	-843525
24-Nov-16	8200	CE	192.3	18450	1183125	-223500
24-Nov-16	9100	CE	1.95	17822	1976550	-214275
24-Nov-16	8800	PE	477.95	6688	1030950	-177075
24-Nov-16	8450	PE	175.65	10716	139500	-161250
29-Dec-16	8400	PE	180.65	19525	1200600	-147450
24-Nov-16	8400	PE	145.2	290968	4119375	-134775
29-Dec-16	8900	CE	20.9	20015	1068825	-107175
24-Nov-16	8700	PE	377.9	11113	1053075	-67575

## 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
SBIN	24-Nov-16	300	CE	2.4	7663	5622000	2490000
SBIN	24-Nov-16	280	CE	6.9	6764	5040000	1908000
SBIN	24-Nov-16	320	CE	0.85	2302	1689000	1689000
BANKBARODA	24-Nov-16	170	CE	5.05	2032	3248000	1459500
SBIN	24-Nov-16	330	CE	0.5	1842	1356000	1356000
ASHOKLEY	24-Nov-16	90	CE	2	847	4788000	1246000
SBIN	24-Nov-16	290	CE	4.05	6197	3210000	1176000
PNB	24-Nov-16	170	CE	2.45	1608	3304000	1155000
DLF	24-Nov-16	130	CE	2.45	1568	2935000	1075000
SAIL	24-Nov-16	45	PE	0.15	180	3828000	1032000

STOCK OPTIONS WITH HIGHEST REDUCTION IN OPEN INTEREST							
Symbol	Expiry	Strike	Option Type	Settl. Price	Volume	Open Int.	Change in OI
SBIN	24-Nov-16	250	PE	2.15	3645	2793000	-1668000
SBIN	24-Nov-16	260	PE	4.2	5494	2388000	-1314000
DLF	24-Nov-16	120	PE	8.3	853	1245000	-790000
PNB	24-Nov-16	150	CE	9.9	333	2030000	-742000
PNB	24-Nov-16	150	PE	3.55	927	1988000	-707000
ICICIBANK	24-Nov-16	280	PE	11.35	2540	1857500	-570000
SBIN	24-Nov-16	260	CE	18.15	529	5106000	-507000
VEDL	24-Nov-16	220	CE	13.1	347	1428000	-492000
BHEL	24-Nov-16	135	PE	4.15	364	850000	-450000
PNB	24-Nov-16	155	PE	5.7	575	721000	-434000

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