

## Technical Report

## Technical & Derivative Report

World Indices	LTP	Daily Ch(Pts)	Daily Ch(%)
Dow Jones	18037	-42	-0.23
Nasdaq	5060	-31	-0.63
S&P 500	2108	-8	-0.41
FTSE 100	7103	33	0.47
DAX	12039	228	1.93
Hang Seng	28400	-33	-0.12
Nikkei	20093	110	0.55
Sensex	27176	-260	-0.95
Nifty	8213	-91	-1.10

Commodity /Forex	LTP	Daily Ch(Pts)	Daily Ch(%)
Gold (\$/Oz)	1199.60	-3.60	-0.30
Silver (\$/Oz)	16.38	-0.06	-0.39
Copper(USD/lb.)	276.95	-0.75	-0.27
Brent Crude(USD/bbl)	64.58	-0.25	-0.39
USD/INR	63.48	-0.07	-0.12
USD/YEN	119.08	0.04	0.03
USD/EUR	1.0882	-0.0009	-0.08

### Support/Resistance levels for Indian Equity Indices

	S1	S2	CMP	R1	R2
Sensex	26965	26800	27176	27365	27465
Nifty	8150	8100	8213	8270	8300
Nifty (Fut)	8160	8110	8223	8280	8310

### Pivot Level

Sensex	27197
Nifty	8250

**US:** US market closed lower on Monday, failing to hold Friday's records, as investors eyed earnings and looked ahead to the beginning of the two-day Federal Reserve meeting on Tuesday. Technically DJIA is presently trading at the 5th leg through Elliott wave count with negative divergence in oscillators.



### Closing Brief

A broad based decline was witnessed on the domestic bourses on the first trading session of the week. There were more than three losers against every gainer on BSE.

### Technical Build up

- ❖ Bearish candle with increase in volume.
- ❖ Oscillators in neutral price region with sell crossover.
- ❖ Lower band of Bollinger exist at 8234
- ❖ Crucial moving average of 20/50 SMA are at 8561 and 8676
- ❖ 200 SMA trend deciding level exist at 8257

### Outlook for the day

Indian equity market In absence of positive triggers upheld its prevailing negative bias from the beginning. Higher oil price, USD/INR appreciation and delay in fresh reforms, the IMD forecast of below normal monsoon added to the negative mood. On the technical front Nifty formed a bearish candle for the third consecutive day in a row, closed below the crucial 200dma. Now the next level of support for the market is seen from 23.6% retracement of the entire upmove since August 2013 at 8150-8175. the said support level further coincides with the rising trendline since that period. Hence breach of the said support level might change the immediate trend to negative. On the F&O front future contract saw short buildup, Implied volatility though decreased. On the option front call writers remained active while lower strike price put option saw added interest.



### Increase in OI with Increase in Price (Long Buildup)

Symbol	Prev OI	Curr OI	OI Chg (%)	Curr Pr.	Pr.Chg (%)
IDEA	13866	16404	18.3	185.55	1.20
MARUTI	21196	24048	13.5	3639.95	3.10
UPL	4609	4913	6.6	445.80	2.40
EICHER MOT	1972	2054	4.2	14805	0.50
APOLLO TYRE	6200	6369	2.7	169.25	0.50

### Increase in OI with Decrease in Price (Short Buildup)

Symbol	Prev OI	Curr OI	OI Chg (%)	Curr Pr.	Pr.Chg (%)
BHEL	31397	34431	9.7	225.1	-3.3
POWER GRID	11079	11988	8.2	145	-1.2
APOLLO HOSP	1775	1892	6.6	1168	-9.9
HAVELL S	3444	3621	5.1	267	-4.2
BHARTI ARTL	18354	19220	4.7	388.65	-2.7

Nifty declined by 1.10% with Nifty future added 8.5 lakh shares in open interest and stock future added 485.0 lakh shares in open interest.

- Nifty PCR decreased to 0.78 from 0.83
- Total Nifty Calls added 40.8 lakh shares in open interest.
- Total Nifty Puts shaded 5.9 lakh shares in open interest.
- Maximum open interest (Nifty) in Calls for Mar. series is at 8500 and 8200 put.
- FII's sold net Rs.1749.33(provisional), while DIIs bought net Rs.1667.54 Cr in cash market.
- FII sold net Rs.293.19 Cr. In F&O
- Securities in Ban Period: WOCKPHARMA, IBREALEST & CENTURYTEX

## Nifty Tracker

PARTICULARS	27/04/2015	24/04/2015	23/04/2015	22/04/2015
Spot	8213.8	8305.25	8398.3	8429.7
% Change in Spot	-1.10%	-1.11%	-0.37%	0.62%
Nifty(FUT) Apr	8223	8318.8	8405.35	8461.2
Nifty(FUT) Apr Vol.	535439	527704	686584	719929
Nifty(FUT) Apr - OI	17651575	19551700	20376125	21311225
Nifty(FUT) May	8280.35	8372.05	8456.65	8511.7
Nifty(FUT) May Vol.	186419	66178	66024	55711
Nifty(FUT) May - OI	4913400	2218800	1836025	1627150

## Trade Statistics for 27/04/2015

PARTICULARS	NO. OF CONTRACTS	TURNOVER (RS. CR.)	PUT CALL RATIO
NSE Index Futures	8,82,772	21937	-
NSE Stock Futures	16,15,351	49436	-
NSE Index Options	1,28,65,285	2,83,706.32	-
NSE Stock Options	5,58,194	19693	0.58
NSE F&O Total Turnover	1,59,21,602	374,772	0.76
NSE Cash Turnover	-	18946	-
BSE Cash Turnover	-	3,199.17	-
Total Turnover	-	396917	-

## FII Corner (F&O)

FII NET BUYING/SELLING & CHANGE IN OPEN INTEREST (Cr. Rupee)						
PARTICULARS	27/04/2015		24/04/2015		23/04/2015	
	Net Buying /Selling	Change In Open interest	Net Buying /Selling	Change In Open interest	Net Buying /Selling	Change In Open interest
Index Future	-421	-415	-530	-554	-585	-521
Index option	-711	48	316	-126	7	86
Stock Future	916	-1013	884	-1385	497	-359
Stock option	-78	76	-207	245	5	68
Total	-294	-1304	463	-1820	-76	-726

## Market Open Interest

ADDITION/REDUCTION IN MARKET OPEN INTEREST					
Contracts	27/04/2015	24/04/2015	23/04/2015	22/04/2015	21/04/2015
Index Futures	457	-360	-820	264	963
Index Options	-606	-936	-247	1257	1343
Stock Futures	2856	2661	3825	2431	4180
Stock Options	483	503	991	414	887
F&O Total	3190	1869	3749.7	4366.01	7373.49

## Nifty Option Open Interest Statistics

NIFTY OPTIONS HIGHEST ADDITION IN OPEN INTEREST						
Expiry	Strike	Option Type	Settlement Price	Volume	Open Interest	Change In OI
30-Apr-15	8300	CE	27.65	1543307	4192075	2197575
30-Apr-15	8200	CE	68.55	425913	1517625	995575
30-Apr-15	8400	CE	10.9	1639431	4479425	946850
30-Apr-15	8250	CE	43.45	95845	823950	807925
30-Apr-15	8250	PE	72.85	155040	1108175	672550
30-Apr-15	8350	CE	16.8	173673	862675	448050
30-Apr-15	8150	PE	34.85	101489	576600	305025
28-May-15	8100	PE	101.3	60819	2013100	285325
30-Apr-15	8100	PE	23.1	885990	3660675	250300
28-May-15	7800	PE	38.2	35146	619675	239400

NIFTY OPTIONS HIGHEST REDUCTION IN OPEN INTEREST						
Expiry	Strike	Option Type	Settlement Price	Volume	Open Interest	Change In OI
30-Apr-15	8300	PE	106.2	1015667	3736025	-1309150
30-Apr-15	9000	CE	1.05	92240	4234525	-913825
30-Apr-15	8400	PE	185.65	276344	2271075	-704750
30-Apr-15	8500	PE	278.75	103809	2243225	-551900
30-Apr-15	8600	CE	2.35	509906	4262500	-508675
30-Apr-15	8700	CE	1.6	245088	3408075	-375275
30-Apr-15	8800	CE	1.25	158197	3524700	-369425
30-Apr-15	8350	PE	143.5	39593	204175	-245150
30-Apr-15	8900	CE	1.15	70267	3215950	-234300
30-Apr-15	9100	CE	1	31763	1342825	-231025

## 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
ASHOKLEY	30-Apr-15	65	CE	1.4	933	2432000	2376000
JPASSOCIAT	30-Apr-15	22.5	CE	0.15	745	3264000	2224000
ICICIBANK	30-Apr-15	310	CE	2.25	9623	3170000	2220000
UNITECH	28-May-15	15	CE	1.1	222	1809000	1557000
JPASSOCIAT	28-May-15	22.5	CE	0.9	266	1744000	1464000
UNITECH	28-May-15	17.5	CE	0.4	287	2772000	1404000
RCOM	30-Apr-15	62.5	CE	0.55	1063	1630000	1226000
ASHOKLEY	28-May-15	75	CE	1.2	413	2704000	1184000
DLF	30-Apr-15	130	CE	0.75	1771	1150000	1036000
UNITECH	28-May-15	15	PE	0.95	132	1395000	909000

STOCK OPTIONS WITH HIGHEST REDUCTION IN OPEN INTEREST							
Symbol	Expiry	Strike	Option Type	Settl. Price	Volume	Open Int.	Change in OI
ASHOKLEY	30-Apr-15	72.5	CE	0.05	387	4920000	-880000
INDIACEM	30-Apr-15	135	PE	47	396	390000	-784000
IDFC	30-Apr-15	175	CE	0.25	1050	2034000	-644000
ASHOKLEY	30-Apr-15	67.5	PE	2.3	405	880000	-608000
ASHOKLEY	30-Apr-15	75	CE	0.05	652	8464000	-600000
HDIL	30-Apr-15	120	CE	0.15	466	1080000	-600000
HDIL	30-Apr-15	120	PE	12.6	235	460000	-584000
HDIL	30-Apr-15	110	PE	3.7	341	1044000	-536000
HDIL	30-Apr-15	115	PE	7.65	225	416000	-488000
GMRINFRA	30-Apr-15	15	PE	0.4	138	1797908	-431131

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