

# **Technical Report**

## **Closing Brief**

Benchmark indices in previous session fell heavily amid geopolitical tensions further escalating as North Korean leader Kim Jong Un threatened again to test hydrogen bomb in the Pacific, while the rupee hit its weakest point since early April. Nifty finally ended at 9964.40 levels down by 157.50 points or - 1.56%.

## Technical Build up

- Bearish candle with decrease in volume
- Sell crossover in oscillators.
- ❖Lower band of Bollinger exist at 9797
- ❖Crucial moving average of 20/50 SMA are at 10000 and 9953
- 200 SMA trend deciding level exist at 9235

## Outlook for the day

Indian Equity market posted their biggest daily percentage decline in 10 months on Friday, as a North Korean threat to carry out a hydrogen bomb test in the Pacific Ocean rattled global markets. Government's stimulus spending plan and jitters that it would widen the fiscal deficit also contributed to the decline. On the technical front, Nifty formed a strong bearish candle after a Hammer-like formation suggests that markets are likely to remain under pressure for some more time. On the weekly time frame, it formed a Bearish Engulfing pattern as it snapped the entire gains of last week and closed below previous week's low levels. Momentum oscillator RSI has given a negative crossover from its overbought zone and has sneaked below the 70 levels. Hence indicating that the index is unlikely to see any significant upmove in near term till it holds below psychological 10000 mark. On the option front concentration has been shifted heavily at the 10100-strike calls while among put options, the 9900-strike has the highest open interest. The put-call ratio of open interest closed down at 1.40 from 1.44 levels indicating call writing



Increase in OI with Increase in Price (Long							
		Build	dup)				
	OI Chg						
Symbol	Prev OI	Curr OI	(%)	Curr Pr.	g (%)		
TATAM	3811050	3975300					
OTORS	0	0	4.3	415	0.4		
HCLTEC							
Н	7480900	7623700	1.9	885.5	1.3		
UBL	898100	912800	1.6	813.25	1.1		
	2946000	2983920					
WIPRO	0	0	1.3	293.9	0.7		

Incre	Increase in OI with Decrease in Price (Short								
	Buildup)								
	OI Chg Pr.Chg								
Symbol	Prev OI	Curr OI	(%)	Curr Pr.	(%)				
JINDALS	3654000	4063950							
TEL	0	0	11.2	140.45	[7.5]				
PVR	761200	828400	8.8	1223.45	[4.8]				
YESBAN	3691450	3982125							
K	0	0	7.9	360.55	[4.3]				
PAGEIN									
D	27000	28900	7	19000	[1.0]				
	2564400 2742000								
HCC	0	0	6.9	34.95	[5.8]				

#### Technical & Derivative Report

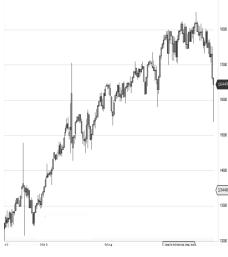
World Indices	LTP	Daily Ch(Pts)	Daily Ch(%)
Dow Jones	22349	-9	-0.04
Nasdaq	6426	4	0.07
S&P 500	2502	1	0.06
FTSE 100	7310	46	0.64
DAX	12592	-7	-0.06
Hang Seng	27666	-214	-0.77
Nikkei	20407	111	0.55
Sensex	31922	-447	-1.38
Nifty	9964	-157	-1.56

Commodity /Forex	LTP	Daily 1.1Ch(Pt s)	Daily Ch(%)
Gold (\$/Oz)	1296.60	-0.90	-0.07
Silver (\$/Oz)	16.99	0.00	0.01
Copper(USd/lb.)	295.05	0.60	0.20
Brent Crude(USD/bbl)	56.82	-0.04	-0.07
USD/INR	64.80	0.0012	0.00
USD/YEN	112.39	0.40	0.36
USD/EUR	1.1928	-0.0023	-0.19

Support/Resistance levels for Indian Equity Indices							
	S1	S2	СМР	R1	R2		
Sensex	31740	31575	31922	32080	32245		
Nifty	9910	9860	9964	10012	10062		
Nifty (Fut)	9930	9880	9982	10032	10082		

Pivot	Level
Sensex	32050
Nifty	10040

US: US Market closed narrowly mixed Friday as health care stocks recovered most of their losses. The Dow closed out its second consecutive week of gains, up 0.4 percent on the week. Technically DJIA is presently trading at the 5th leg through Elliot wave count with negative divergence in oscillators.





# **Derivative Report**

#### Technical & Derivative Report

Nifty declined by 1.56% with Nifty future added 5.5 lakh shares in open interest and stock future added 390.4 Lakh shares in open interest.

- -Nifty PCR decreased to 1.24 from 1.51
- -Total Nifty Calls added 100.8 lakh shares in open interest.
- -Total Nifty Puts shaded 45.4 lakh shares in open interest.
- -Maximum open interest (Nifty) in Calls for July series is at 10200 and 9900 put.
- -FII's sold net Rs.1241.73 Cr(provisional), while DIIs bought net Rs.521.17 Cr in cash market.
- -FII bought net Rs.817.43 Cr in F&O
- -Securities in Ban Period: BEML, DHFL, DLF, HDIL, IBREALEST, ICIL, INDIACEM, INFIBEAM, JSWENERGY, RCOM & WOCKPHARMA

### **Nifty Tracker**

PARTICULARS	22/09/2017	21/09/2017	20/09/2017	19/09/2017
Spot	9964.4	10121.9	10141.15	10147.55
% Change in Spot	-1.56%	-0.19%	-0.06%	-0.05%
Nifty(FUT) Sep	9982.95	10138.85	10167.55	10168.85
Nifty(FUT) Sep Vol.	163490	118162	52238	60582
Nifty(FUT) Sep - OI	20471625	20652900	20887125	20507700
Nifty(FUT) Oct	10021.7	10174.75	10201.25	10201.8
Nifty(FUT) Oct Vol.	26169	15479	6097	4040
Nifty(FUT) Oct - OI	2622975	1900650	1312425	1121025

### Trade Statistics for 22/09/2017

PARTICULARS	NO. OF CONTRACTS	TURNOVER (RS. CR.)	PUT CALL RATIO
NSE Index Futures	2,91,584	24192	-
NSE Stock Futures	9,17,779	67794	-
NSE Index Options	66,79,824	5,52,474.68	-
NSE Stock Options	6,91,499	55250	0.52
NSE F&O Total Turnover	85,80,686	699,711	0.94
NSE Cash Turnover	-	30,086.39	-
BSE Cash Turnover	-	3,927.86	-
Total Turnover	-	733725	-

## FII Corner (F&O)

FII NET BUYING/SELLING & CHANGE IN OPEN INTEREST (Cr. Rupee)							
	22/09	/2017	21/09	21/09/2017		/2017	
PARTICULARS	Net Buying	Change In Open	Net Buying	Change In Open	Net Buying	Change In Open	
PARTICULARS	/Selling	interest	/Selling	interest	/Selling	interest	
Index Future	1688	-72	-376	1013	-469	879	
Index option	-635	487	306	-409	831	1541	
Stock Future	-126	-1472	-103	-517	129	-635	
Stock option	-110	-242	-2	263	-33	292	
Total	817	-1299	-175	350	458	2076	

#### **Market Open Interest**

ADDITION/REDUCTION IN MARKET OPEN INTEREST								
Contracts	22/09/2017 21/09/2017 20/09/2017 19/09/2017 18/09/2017							
Index Futures	-424	250	381	63	41			
Index Options	-3806	-146	553	1201	2165			
Stock Futures	-18793	14353	4840	6839	6302			
Stock Options	464	490	918	754	1269			
F&O Total	-22559	14946	6691.42	8857.14	9777.16			



# Technical & Derivative Report

# Nifty Option Open Interest Statistics

NIFTY OPTIONS HIGHEST ADDITION IN OPEN INTEREST							
Expiry	Strike	Option Type	Settlement Price	Volume	Open Interest	Change In OI	
28-Sep-17	10000	CE	53.6	312574	4155750	2338875	
28-Sep-17	10100	CE	19.15	556032	5644425	1868475	
28-Sep-17	10200	CE	6.25	467904	6443775	1275225	
28-Sep-17	10050	CE	31.7	116771	1553175	1083150	
28-Sep-17	10150	CE	10.55	149503	1736250	758025	
26-Oct-17	9600	PE	38.5	19035	1261875	537525	
26-Oct-17	10200	CE	58.6	45285	1433100	493200	
26-Oct-17	9800	PE	70.35	26891	1338750	482550	
26-Oct-17	10000	CE	150.35	21494	1067325	462600	
28-Sep-17	9950	PE	48.8	97984	1060050	414600	

NIFTY OPTIONS HIGHEST REDUCTION IN OPEN INTEREST								
Expiry	Strike	Option Type	Settlement Price	Volume	Open Interest	Change In OI		
28-Sep-17	10100	PE	129.4	291259	1391250	-2545725		
28-Sep-17	10000	PE	68.25	551241	3883200	-1295175		
28-Sep-17	9900	PE	34.15	360833	4217475	-1194975		
28-Sep-17	10150	PE	170.35	29605	381825	-765225		
28-Sep-17	10200	PE	214.4	69103	935025	-646500		
28-Sep-17	10050	PE	95.7	87008	693150	-540225		
28-Sep-17	9800	PE	17.95	202374	3112125	-439200		
28-Sep-17	8000	CE	1983.2	4852	1876500	-323775		
28-Sep-17	10300	PE	306.15	9651	452775	-184725		
28-Sep-17	10400	CE	0.9	66083	2055675	-175875		

# **Stock Option Open Interest Statistics**

STOCK OPTIONS WITH HIGHEST <mark>ADDITION</mark> IN OPEN INTEREST							
Symbol	Expiry	Strike	Option Type	Settl. Price	Volume	Open Interest	Change in OI
DLF	28-Sep-17	180	CE	1.7	2798	2930000	2545000
GMRINFRA	26-Oct-17	20	CE	0.35	58	3690000	2205000
HINDALCO	28-Sep-17	240	CE	1.6	2987	2996000	2110500
SAIL	28-Sep-17	60	CE	0.4	491	2484000	1872000
SUZLON	26-Oct-17	17.5	CE	0.7	190	4830000	1770000
SOUTHBANK	28-Sep-17	30	CE	0.5	243	6495636	1690191
DLF	28-Sep-17	175	CE	3.15	658	1555000	1530000
BHEL	28-Sep-17	135	CE	0.75	1938	5555000	1345000
SBIN	28-Sep-17	265	CE	2.3	1934	1587000	1296000
ICICIBANK	28-Sep-17	285	CE	1.3	2259	2059750	1278750

STOCK OPTIONS WITH HIGHEST REDUCTION IN OPEN INTEREST							
Symbol	Expiry	Strike	Option Type	Settl. Price	Volume	Open Int.	Change in OI
RCOM	28-Sep-17	25	CE	0.05	409	12544000	-3920000
RCOM	28-Sep-17	22.5	CE	0.1	271	6902000	-1372000
IDFC	28-Sep-17	65	CE	0.2	382	5346000	-1201200
SUZLON	28-Sep-17	17.5	CE	0.15	644	33510000	-1200000
RCOM	28-Sep-17	20	PE	0.75	184	4382000	-1036000
DLF	28-Sep-17	185	PE	12.35	555	695000	-825000
SBIN	28-Sep-17	300	CE	0.1	700	8220000	-786000
FEDERALBNK	28-Sep-17	115	PE	2.25	463	1529000	-704000
SOUTHBANK	28-Sep-17	32.5	CE	0.15	435	11168517	-695961
TATASTEEL	28-Sep-17	680	PE	27.7	1178	678000	-676000

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