How to Read the Data:

1) **The Highest Open Interest (OI) in CE (Calls) denotes that the stock has a strong Resistance at that level**.

   - E.g. – If ASIANPAINT has Highest OI at 2600 CE strike; it means 2600 level is a Stiff Resistance for the stock.

2) **The Highest Open Interest (OI) in PE (Puts) denotes that the stock has a strong Support at that level**.

   - E.g. – If ASIANPAINT has Highest OI at 2400 PE strike; it means 2400 is a Strong Support for the stock.

3) **The Highest Addition & Liquidation in CE OI denotes whether the stock can witness buying or see selling**.

   - E.g. – If ASIANPAINT saw Highest OI Addition at 2700 CE strike and Liquidation at 2600 CE strike; it means that the stock can witness a breakout of 2600 as writers are moving higher and stock can move towards 2700. Alternatively if the Highest OI Addition if at 2400 CE strike and Liquidation at 2600 CE strike; it means that the stock can witness selling and move towards 2400 levels as writers are writing lower strike CE's.

4) **The Highest Addition in PE OI denotes whether the stock can witness buying or see selling**.

   - E.g. – If ASIANPAINT saw Highest OI Addition at 2300 PE strike and Liquidation in 2400 PE Strikes; it means that the stock can witness a breakdown of 2400 and move towards 2300 as writers are writing lower strikes in fear of further selling in stock. Alternatively if the Highest OI Addition if at 2600 PE strike and Liquidation in 2400 PE Strike; it means that the stock can witness buying and move towards 2600 levels as writers feel confident of a rise in stock and hence are writing higher strike Puts.

5) **This Data when used in entirety can help ascertain the Signals of reliable stock moves**.

(Note: CMP of **ASIANPAINT** is taken as **2500** for better explanation in all examples)

FO SCRIPTS	Highest OI		Additions		Liquidations		CMP
	CE	PE	CE	PE	CE	PE	
360ONE	1200	1060	1160	1180	1280	1200	1130
ABB	5500	5000	5250	5100	6000	5100	5190
ABCAPITAL	360	340	400	330	400	350	348
ADANIENSOL	1050	900	1000	940	1060	960	981
ADANIENT	2300	2300	2300	2100	2700	2200	2242
ADANIGREEN	1100	1000	1040	960	1020	1000	1024
ADANIPORTS	1600	1500	1520	1400	1600	1480	1492
ALKEM	5800	5500	5650	5500	6250	5600	5636
AMBER	7000	6000	7000	6000	6500	6500	6600
AMBUJACEM	550	550	560	540	545	550	542
ANGELONE	2800	2500	2600	2350	3000	2700	2479
APLAPOLLO	1760	1700	1760	1760	1740	1720	1770
APOLLOHOSP	7500	7000	7000	7000	7450	7200	6928
ASHOKLEY	170	160	174	160	170	166	166
ASIANPAINT	3000	2600	2900	2700	2800	2800	2786
ASTRAL	1500	1400	1500	1360	1540	1400	1431
AUBANK	1000	950	1000	1000	980	900	989
AUROPHARMA	1240	1180	1200	1180	1240	1100	1195
AXISBANK	1300	1230	1210	1230	1250	1100	1229
BAJAJ-AUTO	9100	9000	9000	8600	10000	8900	8925
BAJAJFINSV	2100	2000	2040	1940	2240	2020	2026
BAJFINANCE	1020	1000	1020	980	1110	990	1003
BANDHANBNK	160	150	110	110	165	135	149
BANKBARODA	300	280	305	290	300	275	288
BANKINDIA	150	140	145	145	141	150	142
BDL	1500	1340	1340	1280	1520	1300	1328
BEL	420	410	405	380	420	390	387
BHARATFORG	1400	1400	1400	1340	1420	1400	1417
BHARTIARTL	2200	2000	2260	2040	2200	2080	2109
BHEL	300	270	280	265	320	270	279
BIOCON	400	370	390	385	440	380	387
BLUESTARCO	1880	1760	1880	1760	1800	1700	1826
BOSCHLTD	37000	36000	40000	34000	38000	35000	36045
BPCL	370	320	370	370	365	360	369
BRITANNIA	6200	5800	6200	5800	6100	5900	6101
BSE	3000	2600	2650	2450	2800	2500	2634

FO SCRIPTS	Highest OI		Aditions		Liquidations		CMP
	CE	PE	CE	PE	CE	PE	
CAMS	800	750	750	750	810	760	735
CANBK	150	150	150	150	148	145	150
CDSL	1600	1500	1500	1480	1800	1600	1478
CGPOWER	680	690	690	680	740	610	671
CHOLAFIN	1740	1700	1740	1700	1840	1560	1679
CIPLA	1660	1400	1500	1480	1530	1510	1499
COALINDIA	380	440	384.75	380	380	360	386
COFORGE	2000	1900	1900	1820	2000	1800	1852
COLPAL	2200	2200	2200	2100	2280	2140	2090
CONCOR	520	500	500	495	505	620	497
CROMPTON	280	250	250	245	270	265	250
CUMMINSIND	4500	4400	4500	4500	4900	4150	4521
CYIENT	1200	1160	1140	1140	1180	1000	1142
DABUR	550	460	500	460	525	495	495
DALBHARAT	2200	2000	2060	1960	2000	2000	2078
DELHIVERY	430	380	405	380	440	390	400
DIVISLAB	6500	5800	6300	6100	6750	6400	6300
DIXON	15000	12000	13500	12500	16500	13500	13263
DLF	730	700	690	680	740	700	684
DMART	4000	4000	3850	3750	3900	3500	3825
DRREDDY	1300	1140	1270	1300	1280	1270	1273
EICHERMOT	7300	6300	7700	7000	7250	6600	7144
ETERNAL	310	290	300	255	295	275	285
EXIDEIND	380	370	365	345	400	355	364
FEDERALBNK	265	250	265	252.5	260	255	264
FORTIS	1000	850	960	830	890	860	872
GAIL	180	170	175	170	200	165	169
GLENMARK	2000	1900	1960	1840	2120	1900	1952
GMRAIRPORT	110	97	110	97	111	100	101
GODREJCP	1200	1140	1320	1120	1200	1080	1181
GODREJPROP	2200	2100	2200	1960	2140	2000	2019
GRASIM	2800	2700	2940	2700	2860	2800	2813

FO SCRIPTS	Highest OI		Aditions		Liquidations		CMP
	CE	PE	CE	PE	CE	PE	
HAL	4500	4500	4250	4200	5000	4000	4242
HAVELLS	1500	1380	1460	1340	1440	1420	1399
HCLTECH	1720	1440	1700	1600	1680	1540	1661
HDFCAMC	2700	2500	2600	2600	2675	2640	2549
HDFCBANK	1000	1000	1000	980	1030	1000	988
HDFCLIFE	800	700	760	720	800	780	755
HEROMOTOCO	6100	5400	6100	5600	6600	5900	5828
HFCL	70	75	65	63	67	64	65
HINDALCO	800	780	850	840	860	760	850
HINDPETRO	470	450	470	445	465	440	466
HINDUNILVR	2300	2300	2280	2280	2400	2260	2275
HINDZINC	600	540	630	580	570	520	579
HUDCO	240	210	220	210	250	215	208
ICICIBANK	1400	1400	1350	1340	1440	1360	1357
ICICIGI	2040	1900	2040	1840	2000	1900	1947
ICICIPRULI	630	590	695	600	650	620	631
IDEA	11	10	14	11	13	12	11
IDFCFIRSTB	85	80	92	84	90	77	84
IEX	150	140	142.5	140	160	142.5	140
IGL	0	0	0	0	0	0	0
IIFL	580	530	570	540	580	560	564
INDHOTEL	750	720	750	680	800	740	716
INDIANB	900	850	850	750	890	780	776
INDIGO	5500	4500	5300	4950	6000	4800	4984
INDUSINDBK	900	820	840	830	900	800	835
INDUSTOWER	420	400	450	385	440	400	409
INFY	1600	1600	1620	1600	1700	1480	1606

FO SCRIPTS	Highest OI		Aditions		Liquidations		CMP
	CE	PE	CE	PE	CE	PE	
JINDALSTEL	1070	1000	1060	970	1090	980	1004
JIOFIN	310	300	295	285	320	295	294
JSWENERGY	500	460	500	450	530	460	476
JSWSTEEL	1200	1100	1180	1000	1320	1050	1083
JUBLFOOD	600	550	580	530	630	540	555
KALYANKJIL	500	440	500	470	510	460	475
KAYNES	5000	4000	4200	3000	5100	3800	4099
KEI	4250	3900	4250	4050	4400	3750	4120
KFINTECH	1100	1000	1080	980	1100	1000	1031
KOTAKBANK	2200	2000	2220	2080	2260	2180	2177
KPITTECH	1300	1120	1220	1100	1360	1140	1173
LAURUSLABS	1020	1000	1030	910	1050	970	1011
LICHSGFIN	550	550	525	475	560	540	525
LICI	900	900	850	810	910	860	847
LODHA	1200	1000	1100	1000	1240	1140	1065
LT	4100	4000	4240	4060	4100	4000	4069
LTF	320	300	320	285	335	295	303
LTIM	6800	5900	6300	5650	6800	5700	6271
LUPIN	2200	2000	2140	2060	2100	1980	2114
M&M	3800	3600	3800	3550	3650	3600	3618
MANAPPURAM	300	260	290	270	282.5	285	287
MANKIND	2300	2000	2200	2000	2350	2050	2118
MARICO	750	690	740	740	760	680	739
MARUTI	16500	16000	16400	16000	16100	15000	16409
MAXHEALTH	1100	1160	1060	1000	1240	1080	1034
MAZDOCK	2700	2400	2400	2350	2650	2500	2363
MCX	11000	10000	10200	9500	11000	10200	10066
MFSL	1740	1660	1740	1480	1720	1680	1669
MOTHERSON	120	110	115	120	111	100	120
MPHASIS	2900	2750	2900	2700	3150	2550	2868
MUTHOOTFIN	3800	3700	3850	3600	3900	3800	3769
NATIONALUM	280	270	285	285	270	280	280
NAUKRI	1400	1280	1400	1280	1500	1320	1343
NUVAMA	7600	7000	8000	6900	7600	6200	7202

FO SCRIPTS	Highest OI		Aditions		Liquidations		CMP
	CE	PE	CE	PE	CE	PE	
NBCC	120	110	120	110	135	108	110
NCC	180	160	160	147.5	180	155	156
NESTLEIND	1320	1180	1320	1180	1260	1210	1236
NHPC	80	72	78	68	83	75	76
NMDC	80	85	78	76	75	75	77
NTPC	325	300	325	320	340	325	322
NYKAA	270	240	250	245	270	250	246
OBEROIRLTY	1700	1700	1700	1540	1780	1640	1610
OFSS	8000	7500	8000	7500	9000	7600	7728
OIL	450	400	405	385	415	390	398
ONGC	250	230	232.5	205	240	230	233
PAGEIND	40000	37000	36000	36000	37000	37000	36085
PATANJALI	550	540	540	540	590	545	545
PAYTM	1320	1200	1320	1180	1400	1200	1273
PERSISTENT	6500	6000	7200	6300	6200	6100	6289
PETRONET	300	300	275	270.5	270	260	269
PFC	350	360	340	325	365	345	337
PGEL	600	540	580	550	620	480	564
PHOENIXLTD	1800	1680	1880	1680	1760	1720	1783
PIDILITIND	1500	1400	1460	1400	1540	1480	1453
PIIND	3400	3300	3400	3050	3550	3200	3217
PNB	125	120	121	120	130	117	120
PNBHOUSING	920	900	940	860	1000	880	898
POLICYBZR	1900	1700	1880	1700	1960	1760	1770
POLYCAB	7500	7000	7100	7000	8600	7200	7103
POWERGRID	280	260	265	242.5	270	265	262
PPLPHARMA	200	160	180	162.5	200	165	168
PRESTIGE	1700	1540	1640	1460	1740	1540	1613
RBLBANK	315	300	300	285	340	310	298
RECLTD	360	360	335	330	400	350	335
RELIANCE	1600	1500	1590	1550	1560	1500	1549
RVNL	330	290	310	290	340	310	305
SAIL	140	125	130	125	135	130	130
SBICARD	900	800	840	800	940	820	837

FO SCRIPTS	Highest OI		Aditions		Liquidations		CMP
	CE	PE	CE	PE	CE	PE	
SBILIFE	2040	1840	2160	1880	2100	2020	2016
SBIN	1000	950	1020	975	970	910	978
SHREECEM	27000	26500	29000	23000	27000	24000	26080
SHRIRAMFIN	880	800	870	800	850	820	868
SIEMENS	3300	3000	3300	3000	3500	3050	3152
SOLARINDS	12500	13000	12500	10750	14000	11000	11824
SONACOMS	520	500	500	495	530	460	491
SRF	3000	2900	3200	3000	3000	2800	3037
SUNPHARMA	1840	1780	1820	1740	1800	1800	1799
SUPREMEIND	3600	3200	3450	3200	3600	3300	3359
SYNGENE	700	630	670	650	620	610	647
TATACONSUM	1200	1070	1240	1120	1170	1140	1181
TATAELXSI	5300	5300	5000	4800	5200	5000	4986
TMPV	360	340	390	330	400	320	347
TATAPOWER	400	390	395	370	440	350	380
TATASTEEL	180	170	185	170	180	150	171
TATATECH	700	650	650	640	700	680	642
TCS	3200	3000	3220	3200	3360	3100	3221
TECHM	1600	1500	1600	1580	1760	1540	1583
TIINDIA	2800	2500	2600	2300	2800	2550	2624
TITAGARH	840	800	820	740	900	720	775
TITAN	4000	3800	3940	3500	4000	3800	3913
TORNTPHARM	3800	3800	3900	3350	4000	3500	3772
TORNTPOWER	1300	1300	1360	1220	1280	1180	1279
TRENT	4300	4000	4100	4000	5000	4100	4057
TVSMOTOR	3700	3400	3850	3450	3650	3350	3644
ULTRACEMCO	12000	10800	11600	11400	12200	11300	11568
UNIONBANK	160	150	155	155	165	140	154
UNITDSPR	1500	1400	1450	1430	1540	1370	1422
UNOMINDA	1320	1180	1320	1180	1280	1240	1252
UPL	770	700	750	750	800	740	748

Stock Option OI Report

FO SCRIPTS	Highest OI		Aditions		Liquidations		CMP
	CE	PE	CE	PE	CE	PE	
VBL	500	450	490	450	500	480	472
VEDL	600	540	580	570	560	540	570
VOLTAS	1400	1360	1400	1380	1340	1340	1383
WIPRO	260	250	275	255	260	240	261
YESBANK	23	22	22	22	23	23	22
ZYDUSLIFE	940	900	970	820	980	920	919

FROM THE EQUITY DERIVATIVE DESK:

NIRAV HARISH CHHEDA

AVP - DERIVATIVES AND TECHNICAL RESEARCH

E-Mail: nirav.chheda@nirmalbang.com

Tel no: 39268199/39268000

AMIT BHUPTANI

SNR DERIVATIVES AND TECHNICAL RESEARCH ANALYST

E-Mail: amit.bhuptani@nirmalbang.com

Tel no: 39268242/39268000

DISCLOSURES

Research Reports that are published by Nirmal Bang Securities Private Limited (hereinafter referred to as "NBSPL") are for private circulation only. NBSPL is a registered Research Analyst under SEBI (Research Analyst) Regulations, 2014 having Registration no. INH000001766. NBSPL is also a registered Stock Broker with National Stock Exchange of India Limited , BSE Limited ,Metropolitan Stock Exchange of India Limited , Multi Commodity Exchange of India Limited , National Commodity and Derivative Exchange Limited and Indian Commodity Exchange Limited in cash and Equity and Commodities derivatives segments.

NBSPL has other business divisions with independent research teams separated by Chinese walls, and therefore may, at times, have different or contrary views on stocks and markets.

NBSPL or its associates have not been debarred / suspended by SEBI or any other regulatory authority for accessing / dealing in securities Market. NBSPL, its associates or analyst or his relatives do not hold any financial interest (Except Investment) in the subject company. NBSPL or its associates or Analyst do not have any conflict or material conflict of interest at the time of publication of the research report with the subject company. NBSPL or its associates or Analyst or his relatives may or may not hold beneficial ownership of 1% or more in the subject company at the end of the month immediately preceding the date of publication of this research report.

NBSPL or its associates / analyst has not received any compensation / managed or co-managed public offering of securities of the company covered by Analyst during the past twelve months. NBSPL or its associates have not received any compensation or other benefits from the company covered by Analyst or third party in connection with the research report. Analyst has not served as an officer, director or employee of Subject Company . NBSPL / analyst has not been engaged in market making activity of the subject company.

Analyst Certification: The research analysts and authors of these reports, hereby certify that the views expressed in this research report accurately reflects my/our personal views about the subject securities, issuers, products, sectors or industries. It is also certified that no part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations or views in this research. The analyst(s) principally responsible for the preparation of this research report and has taken reasonable care to achieve and maintain independence and objectivity in making any recommendations.

DISCLAIMER

This report is for the personal information of the authorized recipient and does not construe to be any investment, legal or taxation advice to you. NBSPL is not soliciting any action based upon it. Nothing in this research shall be construed as a solicitation to buy or sell any security or product, or to engage in or refrain from engaging in any such transaction. In preparing this research, we did not take into account the investment objectives, financial situation and particular needs of the reader.

This research has been prepared for the general use of the clients of NBSPL and must not be copied, either in whole or in part, or distributed or redistributed to any other person in any form. If you are not the intended recipient you must not use or disclose the information in this research in any way. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. NBSPL will not treat recipients as customers by virtue of their receiving this report. This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject NBSPL & its group companies to registration or licensing requirements within such jurisdictions.

The report is based on the information obtained from sources believed to be reliable, but we do not make any representation or warranty that it is accurate, complete or up-to-date and it should not be relied upon as such. We accept no obligation to correct or update the information or opinions in it. NBSPL or any of its affiliates or employees shall not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. NBSPL or any of its affiliates or employees do not provide, at any time, any express or implied warranty of any kind, regarding any matter pertaining to this report, including without limitation the implied warranties of merchantability, fitness for a particular purpose, and non-infringement. The recipients of this report should rely on their own

Stock Option OI Report

investigations.

This information is subject to change without any prior notice. NBSPL reserves its absolute discretion and right to make or refrain from making modifications and alterations to this statement from time to time. Nevertheless, NBSPL is committed to providing independent and transparent recommendations to its clients, and would be happy to provide information in response to specific client queries.

Before making an investment decision on the basis of this research, the reader needs to consider, with or without the assistance of an adviser, whether the advice is appropriate in light of their particular investment needs, objectives and financial circumstances. There are risks involved in securities trading. The price of securities can and does fluctuate, and an individual security may even become valueless. International investors are reminded of the additional risks inherent in international investments, such as currency fluctuations and international stock market or economic conditions, which may adversely affect the value of the investment. Opinions expressed are subject to change without any notice. Neither the company nor the director or the employees of NBSPL accept any liability whatsoever for any direct, indirect, consequential or other loss arising from any use of this research and/or further communication in relation to this research. Here it may be noted that neither NBSPL, nor its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profit that may arise from or in connection with the use of the information contained in this report.

Our reports are also available on our website www.nirmalbang.com