

# **DERIVATIVE RESEARCH**

# March 18, 2024

#### **Index level**

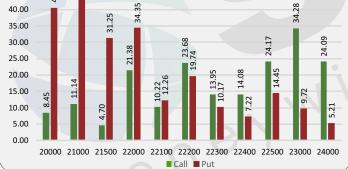
| Index     | Close | <b>S1</b> | <b>S2</b> | R1    | R2    |
|-----------|-------|-----------|-----------|-------|-------|
| NIFTY     | 22133 | 22000     | 21900     | 22200 | 22300 |
| BANKNIFTY | 46695 | 46500     | 46300     | 46900 | 47100 |

### **Nifty snapshot**

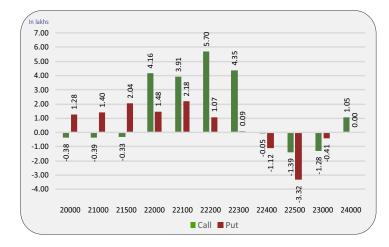
|                   | 15-Mar   | 14-Mar   |
|-------------------|----------|----------|
| Nifty Spot        | 22023.35 | 22146.65 |
| Nifty Mar         | 22133.20 | 22264.55 |
| Nifty Apr         | 22295.55 | 22421.80 |
| Chg. OI (Mar) (%) | -2.75    | 6.01     |
| Chg. OI (Apr) (%) | 8.15     | -0.62    |
| 50 Day SMA        | 21902    | 21894    |
| 100 Day SMA       | 21087    | 21072    |
| 200 Day SMA       | 20235    | 20227    |

#### In lakhs 45.22 50.00 40.48 45.00 35 40.00 34.

**Nifty option OI concentration** 



### Nifty option OI change



### Nifty outlook

Gift Nifty 22066 (-67)

Today the markets are likely to open on negative note. All the emerging markets are trading mixed. The coming session is likely to witness a range of 22000 on declines and 22200 on advances.

### Stock is in ban period

ABFRL, BHEL, BIOCON, HINDCOPPER, MANAPPURAM, NATIONALUM, PEL, RBLBANK, SAIL, TATACHEM, ZEEL

# **Sentiment indicator**

|                          | 15-Mar | 14-Mar | 13-Mar | 12-Mar | 11-Mar       |
|--------------------------|--------|--------|--------|--------|--------------|
| NIFTY Discount/Premium   | 109.85 | 117.90 | 105.55 | 111.35 | 88.70        |
| COST OF CARRY%           | 0.85   | 0.84   | 0.83   | 0.82   | 0.81         |
| PCR(OI)                  | 1.17   | 1.21   | 1.17   | 1.32   | 1.34         |
| PCR(VOL)                 | 0.96   | 1.09   | 1.04   | 1.14   | 1.16         |
| A/D RATIO(Nifty 50)      | 0.36   | 3.90   | 0.11   | 0.44   | 0.63         |
| A/D RATIO(All FO Stock)* | 0.55   | 8.94   | 0.03   | 0.31   | 0.42         |
| IMPLIED VOLATILITY       | 13.17  | 13.03  | 13.63  | 13.13  | 13.70        |
| VIX                      | 13.69  | 13.62  | 14.43  | 13.64  | 14.00        |
| HISTORICAL VOLATILITY    | 14.7   | 14.72  | 14.72  | 14.61  | 14.65        |
|                          |        |        |        | *All   | Future Stock |

# Nifty v/s OI

| Date   | Nifty | % Change | <b>Open Interest</b> | % Change |
|--------|-------|----------|----------------------|----------|
| 06-Mar | 22593 | 0.7%     | 13337150             | 9.3%     |
| 07-Mar | 22552 | -0.2%    | 12601650             | -5.5%    |
| 11-Mar | 22421 | -0.6%    | 12054950             | -4.3%    |
| 12-Mar | 22447 | 0.1%     | 12502600             | 3.7%     |
| 13-Mar | 22103 | -1.5%    | 12175750             | -2.6%    |
| 14-Mar | 22265 | 0.7%     | 12907650             | 6.0%     |
| 15-Mar | 22133 | -0.6%    | 12552850             | -2.7%    |

### Fund flow (FII/DII)

|                  | Net investment (in cr) |
|------------------|------------------------|
| FII INDEX FUTURE | -633                   |
| FII INDEX OPTION | -3772                  |
| FII STOCK FUTURE | -1921                  |
| FII STOCK OPTION | 1124                   |
| FII CASH         | 849                    |
| DII CASH         | -682                   |

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# FII'S activity in Nifty future



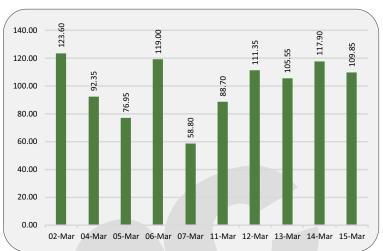
# Top 10 long build up

|                       | LTP     | % Change | <b>Open Interest</b> | % OI Change |  |
|-----------------------|---------|----------|----------------------|-------------|--|
| PAGEIND               | 34930.8 | 1.37%    | 171210               | 10.25%      |  |
| HINDCOPPER            | 271.2   | 3.02%    | 29775400             | 9.73%       |  |
| HDFCAMC               | 3763.5  | 1.07%    | 3074400              | 7.51%       |  |
| COLPAL                | 2718.4  | 1.21%    | 3439800              | 6.09%       |  |
| CANBK                 | 551.2   | 0.20%    | 47187900             | 4.40%       |  |
| BALRAMCHIN            | 361.0   | 0.73%    | 9825600              | 3.66%       |  |
| UBL                   | 1746.9  | 0.81%    | 2465600              | 3.65%       |  |
| INDUSTOWER            | 250.4   | 1.34%    | 101541000            | 2.21%       |  |
| BOSCHLTD              | 29668.6 | 0.50%    | 245900               | 1.95%       |  |
| BHARTIARTL            | 1222.1  | 1.86%    | 32865250             | 1.92%       |  |
|                       |         |          |                      | V v         |  |
|                       |         |          |                      |             |  |
| Top 10 short build up |         |          |                      |             |  |

# Top 10 short build up

|            | LTP      | % Change | <b>Open Interest</b> | % OI Change |
|------------|----------|----------|----------------------|-------------|
| MRF        | 140058.8 | -0.29%   | 47895                | 10.32%      |
| PFC        | 380.1    | -4.81%   | 75988750             | 9.53%       |
| ICICIBANK  | 1080.8   | -0.54%   | 74795000             | 8.76%       |
| APOLLOTYRE | 473.0    | -4.44%   | 13409600             | 7.67%       |
| NTPC       | 318.0    | -1.75%   | 95493000             | 7.18%       |
| ONGC       | 260.2    | -1.68%   | 85958950             | 5.85%       |
| HINDPETRO  | 471.0    | -6.31%   | 39784500             | 5.78%       |
| BEL        | 189.4    | -3.47%   | 162421500            | 5.54%       |
| AXISBANK   | 1051.4   | -1.21%   | 48557500             | 5.25%       |
| BIOCON     | 252.6    | -5.87%   | 45540000             | 4.20%       |

## Nifty discount / premium



### **Indices to out perform**

|          | Closing | % Change |
|----------|---------|----------|
| SMALLCAP | 14847   | 0.39%    |
| Π        | 37501   | -0.47%   |
| FMCG     | 54155   | 0.02%    |
| METAL    | 7803    | 0.03%    |
| MIDCAP   | 13346   | -0.46%   |

# Indices to under perform

| 20          | Closing | % Change |
|-------------|---------|----------|
| BANK        | 46594   | -0.42%   |
| AUTO        | 20192   | -1.57%   |
| FIN SERVICE | 20644   | -0.39%   |
| PSE         | 8722    | -2.47%   |
| REALTY      | 830     | -0.17%   |

# Stocks to out perform

|         | Closing | % Change |
|---------|---------|----------|
| COLPAL  | 2718.4  | 1.21%    |
| RECLTD  | 446.3   | -3.38%   |
| HDFCAMC | 3763.5  | 1.07%    |
| M&MFIN  | 261.9   | -0.55%   |
| GAIL    | 174.2   | -1.44%   |

### Stocks to under perform

|            | Closing | % Change |
|------------|---------|----------|
| MGL        | 1271.2  | -0.68%   |
| GODREJCP   | 1217.7  | -1.01%   |
| MFSL       | 966.7   | -0.61%   |
| UBL        | 1746.9  | 0.81%    |
| INDUSTOWER | 250.4   | 1.34%    |
|            |         |          |



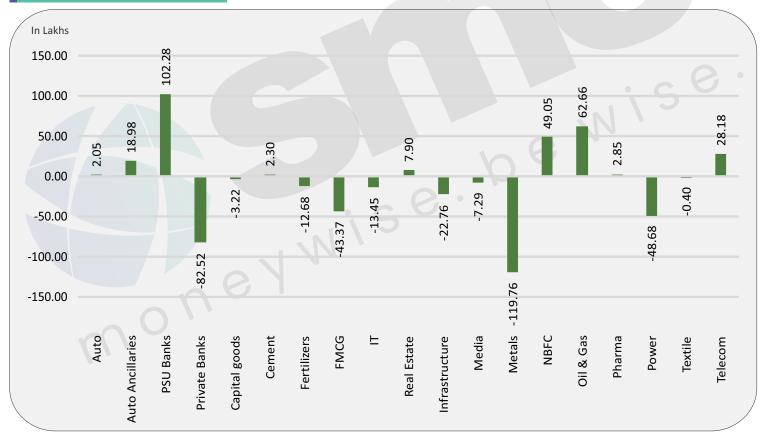
# **Sector overview**

| Scrips/Indexs    | OI       | Volume     | Price  | Remark         |
|------------------|----------|------------|--------|----------------|
|                  | Change   | Change (%) | Change |                |
| Auto             | 204950   | 29.0%      | -1.7%  | Short Buildup  |
| Auto Ancillaries | 1898300  | -13.3%     | -0.1%  | Short Buildup  |
| PSU Banks        | 10227875 | 15.2%      | -1.4%  | Short Buildup  |
| Private Banks    | -8251750 | 49.3%      | 0.0%   | Short Covering |
| Capital goods    | -321900  | -18.4%     | -0.9%  | Long Unwinding |
| Cement           | 229878   | 21.7%      | 0.8%   | Long Buildup   |
| Fertilizers      | -1267750 | 38.7%      | 0.8%   | Short Covering |
| FMCG             | -4336650 | 32.8%      | -0.2%  | Long Unwinding |
| IT               | -1344725 | -10.3%     | 0.0%   | Short Covering |
| Real Estate      | 789675   | -5.2%      | 0.0%   | Short Buildup  |

# Sector overview

| Scrips/Indexs  | OI        | Volume     | Price  | Remark         |
|----------------|-----------|------------|--------|----------------|
|                | Change    | Change (%) | Change |                |
| Infrastructure | -2276000  | -24.5%     | -0.8%  | Long Unwinding |
| Media          | -729000   | 12.9%      | -2.1%  | Long Unwinding |
| Metals         | -11975575 | -26.7%     | -0.6%  | Long Unwinding |
| NBFC           | 4904560   | 43.9%      | -0.9%  | Short Buildup  |
| Oil & Gas      | 6265575   | 52.9%      | -2.1%  | Short Buildup  |
| Pharma         | 284775    | -16.3%     | -1.4%  | Short Buildup  |
| Power          | -4867575  | -10.7%     | -1.8%  | Long Unwinding |
| Textile        | -39585    | 45.1%      | 0.7%   | Short Covering |
| Telecom        | 2818250   | 40.5%      | 1.6%   | Long Buildup   |

## Change in sector open interest





E-mail: smc.care@smcindiaonline.com



Corporate Office: 11/6B, Shanti Chamber, Pusa Road, New Delhi - 110005 Tel: +91-11-30111000 www.smcindiaonline.com

#### Mumbai Office:

Lotus Corporate Park, A Wing 401/402, 4th Floor, Graham Firth Steel Compound, Off Western Express Highway, Jay Coach Signal, Goreagon (East) Mumbai - 400063 Tel: 91-22-67341600, Fax: 91-22-67341697

#### Kolkata Office:

18, Rabindra Sarani, Poddar Court, Gate No-4, 5th Floor, Kolkata - 700001 Tel.: 033 6612 7000/033 4058 7000 Fax: 033 6612 7004/033 4058 7004

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