

## **DERIVATIVE RESEARCH**

## March 11, 2024

#### Index level

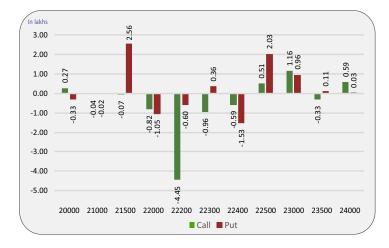
| Index     | Close | <b>S1</b> | <b>S2</b> | R1    | R2    |
|-----------|-------|-----------|-----------|-------|-------|
| NIFTY     | 22552 | 22500     | 22400     | 22700 | 22800 |
| BANKNIFTY | 47958 | 47800     | 47600     | 48200 | 48400 |

### Nifty snapshot

|                   | 07-Mar   | 06-Mar   |
|-------------------|----------|----------|
| Nifty Spot        | 22493.55 | 22474.05 |
| Nifty Mar         | 22552.35 | 22593.05 |
| Nifty Apr         | 22692.60 | 22735.55 |
| Chg. OI (Mar) (%) | -5.51    | 9.30     |
| Chg. OI (Apr) (%) | 3.46     | -2.35    |
| 50 Day SMA        | 21853    | 21849    |
| 100 Day SMA       | 20963    | 20951    |
| 200 Day SMA       | 20140    | 20130    |

#### In lakhs 45.59 50.00 45.00 6. 60 40.00 33.93 35. 35. 35.00 28.25 30.00 23.04 21.15 22.59 20.98 25.00 17.37 16.67 14.54 20.00 13.67 12.79 15.00 9.47 26 g 10.00 5.00 0.00 20000 21000 21500 22000 22200 22300 22400 22500 23000 23500 24000 Call Put

### Nifty option OI change



### Nifty outlook

#### Gift Nifty 22635 (+83)

Today the markets are likely to open on positive note. All the emerging markets are trading mixed. The coming session is likely to witness a range of 22500 on declines and 22700 on advances.

### Stock is in ban period

MANAPPURAM, MGL, SAIL, TATACHEM, ZEEL

### **Sentiment indicator**

|                          | 07-Mar | 06-Mar | 05-Mar | 04-Mar | 02-Mar       |
|--------------------------|--------|--------|--------|--------|--------------|
| NIFTY Discount/Premium   | 58.80  | 119.00 | 76.95  | 92.35  | 123.60       |
| COST OF CARRY%           | 0.71   | 0.73   | 0.70   | 0.70   | 0.69         |
| PCR(OI)                  | 1.35   | 1.34   | 1.35   | 1.33   | 1.32         |
| PCR(VOL)                 | 1.34   | 1.15   | 1.12   | 1.47   | 1.58         |
| A/D RATIO(Nifty 50)      | 1.33   | 2.06   | 0.69   | 0.96   | 2.27         |
| A/D RATIO(All FO Stock)* | 1.31   | 0.70   | 0.68   | 1.14   | 3.68         |
| IMPLIED VOLATILITY       | 11.94  | 12.79  | 13.01  | 13.54  | 13.53        |
| VIX                      | 13.61  | 14.30  | 14.38  | 14.92  | 14.99        |
| HISTORICAL VOLATILITY    | 14.66  | 14.7   | 14.7   | 14.73  | 14.77        |
|                          |        |        |        | *All   | Future Stock |

### Nifty v/s OI

| Date   | Nifty | % Change | <b>Open Interest</b> | % Change |
|--------|-------|----------|----------------------|----------|
| 29-Feb | 22161 | 0.4%     | 13081300             | 32.6%    |
| 01-Mar | 22443 | 1.3%     | 12913500             | -1.3%    |
| 02-Mar | 22502 | 0.3%     | 12839750             | -0.6%    |
| 04-Mar | 22498 | 0.0%     | 12709050             | -1.0%    |
| 05-Mar | 22433 | -0.3%    | 12201950             | -4.0%    |
| 06-Mar | 22593 | 0.7%     | 13337150             | 9.3%     |
| 07-Mar | 22552 | -0.2%    | 12601650             | -5.5%    |

### Fund flow (FII/DII)

|                  | Net investment (in cr) |
|------------------|------------------------|
| FII INDEX FUTURE | 822                    |
| FII INDEX OPTION | -21735                 |
| FII STOCK FUTURE | 3623                   |
| FII STOCK OPTION | -150                   |
| FII CASH         | 7,304                  |
| DII CASH         | 2,602                  |

# Nifty option OI concentration



### FII'S activity in Nifty future



# Top 10 long build up

|            | LTP    | % Change | <b>Open Interest</b> | % OI Change |
|------------|--------|----------|----------------------|-------------|
| TATAPOWER  | 428.7  | 7.96%    | 87122250             | 14.27%      |
| TATACHEM   | 1297.1 | 10.51%   | 14716350             | 12.48%      |
| TATASTEEL  | 157.9  | 3.47%    | 234762000            | 11.17%      |
| NAVINFLUOR | 3073.7 | 0.90%    | 1796100              | 7.94%       |
| INDHOTEL   | 590.5  | 2.18%    | 18376000             | 7.10%       |
| ZYDUSLIFE  | 982.3  | 1.75%    | 7174800              | 5.69%       |
| BAJAJ-AUTO | 8873.1 | 2.76%    | 2287625              | 4.56%       |
| SUNPHARMA  | 1608.6 | 0.03%    | 16716700             | 3.98%       |
| TATACOMM   | 2016.7 | 0.58%    | 7266500              | 3.34%       |
| ULTRACEMCO | 9724.4 | 0.24%    | 2356700              | 3.20%       |
|            |        |          |                      | 14          |

### Top 10 short build up

|            | LTP      | % Change | <b>Open Interest</b> | % OI Change |
|------------|----------|----------|----------------------|-------------|
| APOLLOTYRE | 516.1    | -4.08%   | 10410800             | 15.39%      |
| M&M        | 1904.4   | -3.91%   | 14061600             | 11.45%      |
| IGL        | 423.7    | -0.21%   | 18473125             | 9.53%       |
| SBILIFE    | 1515.7   | -0.67%   | 8643000              | 8.71%       |
| SHREECEM   | 24838.0  | -0.30%   | 293675               | 8.00%       |
| MRF        | 144162.8 | -1.43%   | 37040                | 6.64%       |
| SAIL       | 139.6    | -0.18%   | 147576000            | 6.30%       |
| COFORGE    | 6283.2   | -0.94%   | 1343400              | 4.15%       |
| MPHASIS    | 2500.2   | -1.40%   | 3253525              | 3.58%       |
| SIEMENS    | 4694.2   | -0.91%   | 975900               | 2.72%       |

### Nifty discount / premium



### Indices to out perform

|             | Closing | % Change |
|-------------|---------|----------|
| FMCG        | 54406   | 0.98%    |
| Π           | 37100   | 0.27%    |
| PHARMA      | 19194   | 0.28%    |
| FIN SERVICE | 21006   | 0.09%    |
| METAL       | 8371    | 1.38%    |

### Indices to under perform

|          | Closing | % Change |
|----------|---------|----------|
| ENERGY   | 40302   | -0.37%   |
| SMALLCAP | 15709   | 0.85%    |
| PSE      | 9599    | -0.06%   |
| MIDCAP   | 13948   | 0.23%    |
| AUTO     | 21127   | -0.26%   |

### Stocks to out perform

|          | Closing | % Change |
|----------|---------|----------|
| TATACHEM | 1297.1  | 10.51%   |
| RECLTD   | 470.9   | 0.39%    |
| HDFCAMC  | 3737.4  | -0.53%   |
| M&MFIN   | 284.9   | 0.48%    |
| GAIL     | 189.4   | -0.89%   |

### Stocks to under perform

| Closing | % Change                            |
|---------|-------------------------------------|
| 4914.8  | 0.31%                               |
| 1240.3  | -0.48%                              |
| 983.0   | -0.39%                              |
| 1704.0  | -0.91%                              |
| 537.9   | 1.62%                               |
|         | 4914.8<br>1240.3<br>983.0<br>1704.0 |



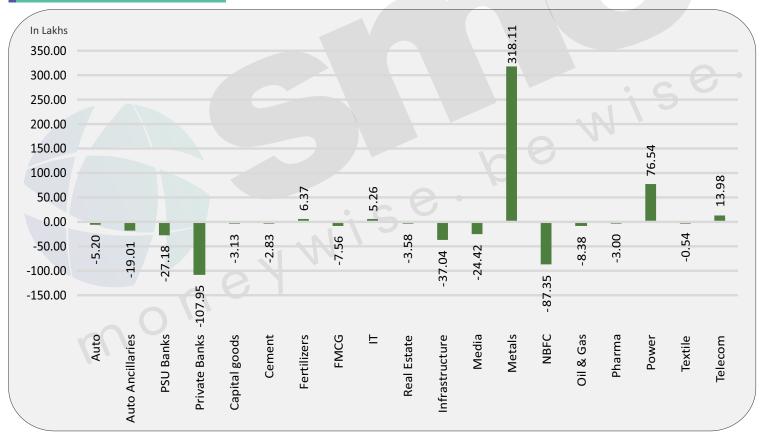
### **Sector overview**

| Scrips/Indexs    | OI        | Volume     | Price  | Remark         |
|------------------|-----------|------------|--------|----------------|
|                  | Change    | Change (%) | Change |                |
| Auto             | -519600   | 48.8%      | 0.1%   | Short Covering |
| Auto Ancillaries | -1901250  | -70.1%     | -1.4%  | Long Unwinding |
| PSU Banks        | -2718225  | -55.5%     | -0.1%  | Long Unwinding |
| Private Banks    | -10794750 | -58.7%     | -0.2%  | Long Unwinding |
| Capital goods    | -313200   | 13.2%      | -0.1%  | Long Unwinding |
| Cement           | -283079   | -26.2%     | 0.1%   | Short Covering |
| Fertilizers      | 636550    | 59.6%      | 4.3%   | Long Buildup   |
| FMCG             | -756250   | 35.3%      | 0.8%   | Short Covering |
| IT               | 526450    | -24.5%     | -0.1%  | Short Buildup  |
| Real Estate      | -358200   | -38.5%     | -0.3%  | Long Unwinding |

### Sector overview

| Scrips/Indexs  | OI       | Volume     | Price  | Remark         |
|----------------|----------|------------|--------|----------------|
|                | Change   | Change (%) | Change |                |
| Infrastructure | -3704000 | -42.1%     | 0.5%   | Short Covering |
| Media          | -2442000 | -52.5%     | 2.8%   | Short Covering |
| Metals         | 31811100 | 41.3%      | 0.8%   | Long Buildup   |
| NBFC           | -8734859 | -46.1%     | 0.7%   | Short Covering |
| Oil & Gas      | -838150  | -48.0%     | -1.1%  | Long Unwinding |
| Pharma         | -299600  | -13.8%     | 0.4%   | Short Covering |
| Power          | 7654350  | 35.9%      | 2.0%   | Long Buildup   |
| Textile        | -54195   | 62.7%      | 0.9%   | Short Covering |
| Telecom        | 1398100  | 6.4%       | 0.6%   | 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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