

DERIVATIVE RESEARCH

February 29, 2024

Index level

| Index | Close | S1 | S2 | R1 | R2 |
|-----------|-------|-------|-------|-------|-------|
| NIFTY | 21921 | 21800 | 21700 | 22000 | 22100 |
| BANKNIFTY | 45852 | 45600 | 45400 | 46000 | 46200 |

Nifty outlook

Gift Nifty 21940 (+19)

Today the markets are likely to open on flat note. All the emerging markets are trading mixed. The coming session is likely to witness a range of 21800 on declines and 22000 on advances

Nifty snapshot

| | 28-Feb | 27-Feb |
|---------------------|----------|----------|
| Nifty Spot | 21951.15 | 22198.35 |
| Nifty Feb | 21921.35 | 22203.05 |
| Nifty March | 22075.70 | 22348.85 |
| Chg. OI (Feb) (%) | -24.06 | -25.40 |
| Chg. OI (March) (%) | 31.12 | 53.63 |
| 50 Day SMA | 21729 | 21720 |
| 100 Day SMA | 20787 | 20763 |
| 200 Day SMA | 20008 | 19989 |

Stock is in ban period

INDUSTOWER, SAIL

Nifty option OI concentration



Sentiment indicator

| | 28-Feb | 27-Feb | 26-Feb | 23-Feb | 22-Feb |
|--------------------------|--------|--------|--------|--------|--------|
| Discount/Premium | -29.80 | 4.70 | 19.60 | 16.15 | 25.80 |
| COST OF CARRY% | 0.66 | 0.66 | 0.66 | 0.63 | 0.62 |
| PCR(OI) | 0.49 | 0.86 | 0.80 | 0.87 | 1.05 |
| PCR(VOL) | 0.96 | 0.83 | 0.91 | 0.92 | 0.89 |
| A/D RATIO(50) | 0.11 | 1.45 | 0.50 | 0.63 | 2.27 |
| A/D RATIO(All FO Stock)* | 0.12 | 0.86 | 0.56 | 0.77 | 5.00 |
| IMPLIED VOLATILITY | 15.01 | 14.20 | 14.16 | 13.53 | 13.76 |
| VIX | 16.33 | 15.73 | 15.60 | 14.97 | 15.20 |
| HISTORICAL VOLATILITY | 14.77 | 14.7 | 14.74 | 14.76 | 14.8 |

*All Future Stock

Nifty option OI change



Nifty v/s OI

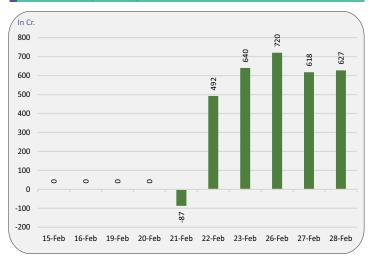
| Date | Nifty | % Change | Open Interest | % Change |
|--------|-------|----------|----------------------|----------|
| 20-Feb | 22217 | 0.2% | 11361700 | -3.4% |
| 21-Feb | 22070 | -0.7% | 11202450 | -1.4% |
| 22-Feb | 22243 | 0.8% | 11136000 | -0.6% |
| 23-Feb | 22229 | -0.1% | 10244650 | -8.0% |
| 26-Feb | 22142 | -0.4% | 9139950 | -10.8% |
| 27-Feb | 22203 | 0.3% | 6818450 | -25.4% |
| 28-Feb | 21921 | -1.3% | 5177850 | -24.1% |

Fund flow (FII/DII)

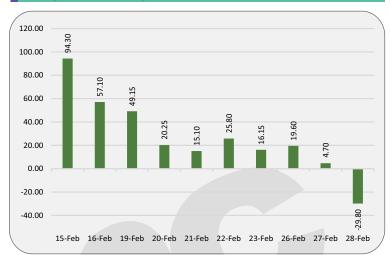
| | Net investment (in cr) |
|------------------|------------------------|
| FII INDEX FUTURE | 627 |
| FII INDEX OPTION | -14792 |
| FII STOCK FUTURE | -280 |
| FII STOCK OPTION | 104 |
| FII CASH | -1879 |
| DII CASH | 1827 |



FII'S activity in Nifty future



Nifty discount / premium



Top 10 long build up

| | | | 21 22 21 |
|------|----------|---------------|------------|
| LTP | % Change | Open Interest | %OI Change |
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Indices to out perform

| | Closing | % Change |
|--------|---------|----------|
| IT | 37742 | -0.34% |
| PHARMA | 18943 | -0.64% |
| REALTY | 910 | -2.11% |
| METAL | 7850 | -1.88% |
| INFRA | 8055 | -1.78% |

Top 10 short build up

| LTP | % Change | Open Interest | %OI Change |
|-----|----------|---------------|----------------------------|
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| | LTP | LTP %Change | LTP % Change Open Interest |

Indices to under perform

| | Closing | % Change |
|----------|---------|----------|
| ENERGY | 38748 | -2.30% |
| BANK | 45963 | -1.34% |
| MIDCAP | 13618 | -2.25% |
| PSE | 9085 | -2.00% |
| PSU BANK | 6841 | -2.30% |

Stocks to out perform

| | Closing | % Change |
|------------|---------|----------|
| INDUSTOWER | 244.0 | 1.60% |
| RECLTD | 427.1 | -3.91% |
| HDFCAMC | 3835.3 | -1.88% |
| M&MFIN | 280.8 | -2.52% |
| GAIL | 178.8 | -1.16% |

Stocks to under perform

| | Closing | % Change |
|------------|---------|----------|
| TATACONSUM | 1170.4 | -1.02% |
| GODREJCP | 1234.4 | -2.33% |
| MFSL | 962.5 | 3.07% |
| HDFCLIFE | 580.9 | 0.03% |
| TCS | 4112.7 | 0.09% |



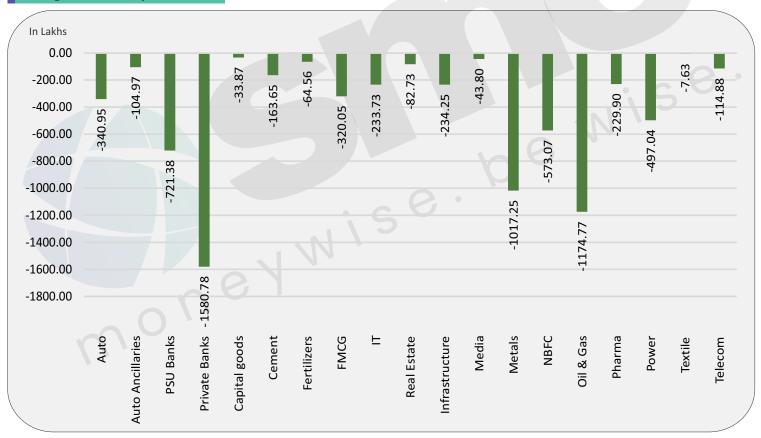
Sector overview

| Scrips/Indexs | OI | Volume | Price | Remark |
|------------------|------------|------------|--------|----------------|
| | Change | Change (%) | Change | |
| Auto | -34095225 | -16.3% | -2.7% | Long Unwinding |
| Auto Ancillaries | -10497050 | -30.6% | -0.4% | Long Unwinding |
| PSU Banks | -72137800 | -21.3% | -2.6% | Long Unwinding |
| Private Banks | -158078000 | -27.5% | -2.2% | Long Unwinding |
| Capital goods | -3386700 | -32.6% | -0.9% | Long Unwinding |
| Cement | -16364550 | 7.8% | -2.4% | Long Unwinding |
| Fertilizers | -6456000 | -6.0% | -2.4% | Long Unwinding |
| FMCG | -32004850 | -13.0% | -0.9% | Long Unwinding |
| IT | -23372600 | -26.8% | -1.1% | Long Unwinding |
| Real Estate | -8273125 | -20.1% | -3.8% | Long Unwinding |

Sector overview

| Scrips/Indexs | OI | Volume | Price | Remark |
|----------------|------------|------------|--------|----------------|
| | Change | Change (%) | Change | |
| Infrastructure | -23425000 | -40.7% | -1.7% | Long Unwinding |
| Media | -4380000 | 93.8% | -5.0% | Long Unwinding |
| Metals | -101725250 | 18.0% | -2.0% | Long Unwinding |
| NBFC | -57306976 | -29.1% | -2.0% | Long Unwinding |
| Oil & Gas | -117476725 | -6.1% | -2.5% | Long Unwinding |
| Pharma | -22990125 | -28.7% | -1.1% | Long Unwinding |
| Power | -49704300 | -19.0% | -1.9% | Long Unwinding |
| Textile | -762915 | -29.9% | -2.4% | Long Unwinding |
| Telecom | -11488350 | -48.6% | 0.9% | Short Covering |

Change in sector open interest





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