

# Trading Report for NIFTY50

Date: 2026-01-20 06:23:29

- Analysis Timeframe: 1 Day Chart (3 months daily data)
- Trade Horizon: Swing/Positional (1-5 days)
- Market Regime: Range-Bound - Low volatility consolidation

## Action Plan

Decision: **NO TRADE**

Reason: Weak/choppy conditions (ADX 16.98)

Entry: Do not enter

Target 1: None

Target 2: None

Stop Loss: None

Risk:Reward: None

Invalidation: Wait for ADX > 20 or breakout of ■25432.6-■26373.2

### ■ POTENTIAL SETUPS (WAIT FOR TRIGGER)

Long Trigger: ADX > 20 + breakout above ■26373.2

Short Trigger: ADX > 20 + breakdown below ■25432.6

Current Price: ■25477.7

Status: No trigger — stay flat

### ■■ RISK ASSESSMENT (CRITICAL)

ATR: ■200.76 (0.79% of price)

Volatility: Low → Can use tighter stops, standard sizing

Trend Strength: Weak (ADX: 16.98)

Position Guidance: Standard position sizing acceptable (low conviction → further reduce or avoid)

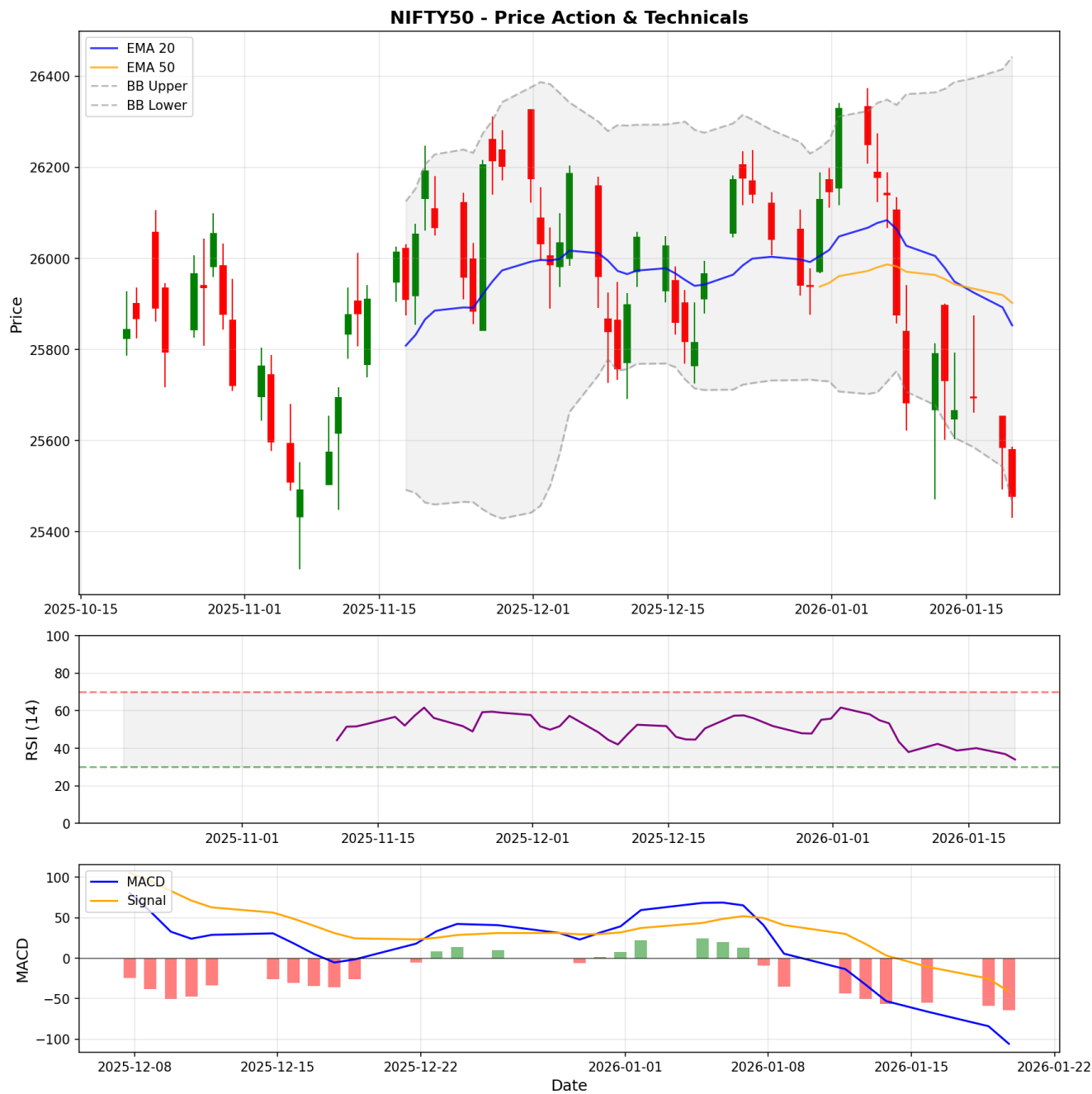
## Executive Summary

**NIFTY50** currently has **no actionable setup**.

Regime: **Range-Bound** - Low volatility consolidation

Latest close: **25477.7**

Overall signal: **Neutral (No Trade)**



## Technical Analysis Detail

Trend: **Bearish**

## TRADE BIAS

Primary Bias: NO TRADE  
Current Stance: No trade  
Conviction: 3/10

Execution Plan: Do not enter. Weak trend strength (ADX: 17.0). Current ADX: 17.0 (wait for ADX > 20).  
Price range: ■25477.70 between support (■25432.6) and resistance (■26373.2). Wait for clear  
breakout above ■26373.2 (for LONG) or below ■25432.6 (for SHORT).

Invalidation Level: ■25432.6  
Confirmation Level: ■26373.2

## RISK ASSESSMENT

ATR: ■200.76 (0.79% of price)  
Volatility: Low → Can use tighter stops, standard sizing  
Expected Daily Range: ±200.76 points

ADX: 16.98 (Weak)  
Trend Strength: Weak → Range-bound likely, avoid trend trades  
Position Sizing Guidance: Standard position sizing acceptable (low conviction → further reduce or avoid)

### Active Signals:

- ■ Neutral RSI: 34.06
- ■ Bearish MACD crossover
- ■ Strong downtrend detected

## Technical Indicators

Indicator	Value
RSI (14)	34.06
MACD	-107.92
MACD Signal	-44.62
Bollinger Upper	26442.78
Bollinger Lower	25466.74
EMA 20	25853.31
EMA 50	25902.66
EMA 200	
ATR	200.76
ADX	16.98

## Support & Resistance

Resistance: 26373.2

Support: 25432.6

## Candlestick Patterns

- No significant patterns detected

## Understanding This Report

**RSI (Relative Strength Index):** Measures momentum. Values > 70 suggest the asset is overbought (potential drop), while < 30 suggest oversold (potential rise).

**MACD:** Trend-following momentum indicator. Crossovers between the MACD line and Signal line can indicate trend changes.

**Bollinger Bands:** A volatility indicator. Prices often rebound from the upper/lower bands. Squeezes indicate low volatility and potential breakout.

**EMA (Exponential Moving Average):** Weighted averages of price. EMA 20/50 are for short/medium trends, EMA 200 for long-term trend.

**ADX:** Measures trend strength. ADX > 25 indicates a strong trend (up or down). < 20 indicates a weak or ranging market.

## Data Methodology

**Market Data Source:** Yahoo Finance (Daily OHLCV)

**Analysis Timeframe:** Daily, last 3 months unless specified

**Calculations:** Standard TA-Lib algorithms (RSI, MACD, Bollinger Bands, EMA)

**Important:** Indicator values may differ from other platforms due to data timing, symbol selection, and vendor-specific adjustments. EMAs and RSI are validated within ~1% of TradingView for matching timeframe/symbol. MACD may differ; use primarily for direction/crossovers.

## Disclaimer

*This report is generated by MarketInsight Pro for informational purposes only. It does not constitute financial advice, investment recommendations, or an offer to buy or sell any securities. Trading in financial markets involves a high degree of risk and may not be suitable for all investors. Past performance is not indicative of future results. Please consult with a qualified financial advisor before making any investment decisions.*