

Stochastic Oscillator: The Stochastic Oscillator consists of two lines: the indicator itself is represented by %K, and a signal line reflecting the three-day simple moving average (SMA) of %K, which is called %D.

$$\%K = \frac{H14 - L14}{C - L14} \times 100$$

Here H14 is the highest value of the stock during an interval of 14 days and L14 is the minimal. C is the current value of the stock.

Making the interval of calculation 10 days other than the default value 14 days, makes the graph flat and close to the Nifty 50. Also making the D line length change to 4 from 3 makes the graph more smooth and close to Nifty 50.