# Introduction to: Motilal Oswal NASDAQ 100 ETF and Motilal Oswal NASDAQ 100 Fund of Fund



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What Motilal Oswal AMC offers?



# **Product Suitability**



This product is suitable for investors who are seeking\*

# **Motilal Oswal NASDAQ 100 ETF**

- Return that corresponds generally to the performance of the NASDAQ 100 Index, subject to tracking error.
- Investment in equity securities of NASDAQ 100 Index

# **Motilal Oswal NASDAQ 100 Fund of Fund**

- Long term capital appreciation
- Returns that corresponds generally to the performance of the Scheme, Motilal Oswal NASDAQ 100 ETF (MOFN100) through investment in units of MOFN100





<sup>\*</sup>Investors should consult their financial advisers if in doubt about whether the product is suitable for them.

# About NASDAQ 100 Index

# **Introduction: NASDAQ 100 Index**



The NASDAQ-100 Index® includes <u>100 of the largest non-financial companies</u> listed on The Nasdaq Stock Market®, based on market capitalization.

# **Attributes:**

- Includes top 100 domestic and international non-financial companies listed at NASDAQ Stock Market.
- Index reflects companies across computer hardware, and software, telecommunications, retail/wholesale trade and biotechnology.
- In order to avoid concentration, the maximum weight of any index constituent is capped at 24%; further total weight of stock with weight greater than 4.5% is capped at 48%.
- Index is reviewed in December each year
- Index has very long track record, first index values starts since January 31, 1985 with base value of 125.
- While the Nasdaq-100 is home to some of the most well-known names in technology— including Apple, Microsoft, Alphabet, Intel, and Facebook—the index also includes category-defining companies on the forefront of innovation in other key industries such as Amgen, Starbucks, and Tesla.

Source: <a href="https://indexes.nasdaqomx.com/docs/methodology\_NDX.pdf">https://indexes.nasdaqomx.com/docs/methodology\_NDX.pdf</a>; Data as of Jun 30, 2021; for detailed index methodology please log on to source website. The Stocks mentioned above are used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. It should not be construed as investment advice to any party. The stocks may or may not be part of our portfolio/strategy/ schemes. Past performance may or may not be sustained in future



# **Index Key Facts**



- Index Launch Date: January 31, 1985
- Base Index Value: 125.00
- Calculation Frequency: Real Time
- Calculation Currency: USD, HKD, CAD, GBP, CHF, and EUR
- Number of Companies: 100
- Number of Securities: 103
- Index Rebalancing: Quarterly (weight) and Annually (composition)

Source: NASDAQ



# NASDAQ 100 Methodology Snapshot



**Listing:** All securities must be exclusively **listed at NASDAQ** 

Sector Exclusion: Only security issued by a non-financial company is eligible

**Liquidity:** Average Daily traded **Volume > 2,00,000 shares** over past 3 months

**Company Selection:** Top 100 companies by total market capitalization, subject to buffer of 25 companies

Weighting: Maximum weight of constituent is capped at 24%; further total weight of stocks with

weight > 4.5% is capped at 48%

**Rebalancing:** Constituents' weight is rebalanced each quarter; while the index undergoes

reconstitution each year in December

Source: https://indexes.nasdaqomx.com/docs/methodology\_NDX.pdf; Data as of Jun 30, 2021; for detailed index methodology please log on to source website.



# Motilal Oswal NASDAQ 100 ETF Top 10 companies



# Global investment opportunity set, not available in India at present











10.9%

9.8%

8.4%

7.5%

4.0%











3.9%

3.6%

2.5%

2.1%

1.9%

Top 10 companies total index weight in %

Rest,45.4%

Source: MOAMC; Data as of Jun 30, 2021; The Stocks mentioned above are used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. It should not be construed as investment advice to any party. The stocks may or may not be part of our portfolio/strategy/ schemes. Past performance may or may not be sustained in future. The sector mentioned herein are for general and comparison purpose only and not a complete disclosure of every material fact.



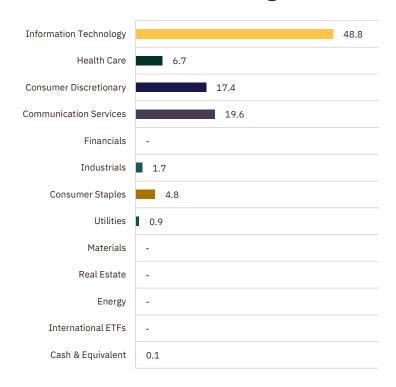
# **Motilal Oswal NASDAQ 100 ETF Composition**



# **Top 10 Constituents Weight (%) in Fund**

Constituent Name	Weight	GICS Sector
Apple Inc	10.9%	Information Technology
Microsoft Corp	9.8%	Information Technology
Amazon Com Inc	8.4%	Consumer Discretionary
Facebook Inc	4.0%	Communication Services
Alphabet Inc	3.9%	Communication Services
Tesla Inc	3.9%	Consumer Discretionary
Nvidia Corp Com	3.6%	Information Technology
Alphabet Inc A	3.5%	Communication Services
Paypal Holdings Inc	2.5%	Information Technology
Adobe Inc	2.1%	Information Technology
Total	52.7%	

# **GICS Sector Coverage (%)**



This is not an index fund; it is Exchange Traded Fund (ETF)

Source/Disclaimer: MOAMC; Data as of Jun 30, 2021; Sectors - Global Industry Classification Standard (GICS) by MSCI & S&P Dow Jones Indices; the stocks/sectors mentioned above are used to explain the concept and is for illustration purpose only and it should not be used for development or implementation of an investment strategy. It should not be construed as investment advice to any party. The stocks may or may not be part of our portfolio/strategy/schemes. Past performance may or may not be sustained in future.



# Why NASDAQ 100 Index?

# Low Correlation, offers diversification



	Nifty 50 TR Index (INR)	Nifty 500 TR Index (INR)	^S&P 500 TR Index (INR)	^NASDAQ 100 TR Index (INR)
Nifty 50 TR Index (INR)	100%	99%	25%	20%
Nifty 500 TR Index (INR)		100%	24%	19%
^S&P 500 TR Index (INR)			100%	48%
^NASDAQ 100 TR Index (INR)				100%

Lower the correlation number, better the diversification opportunity offered

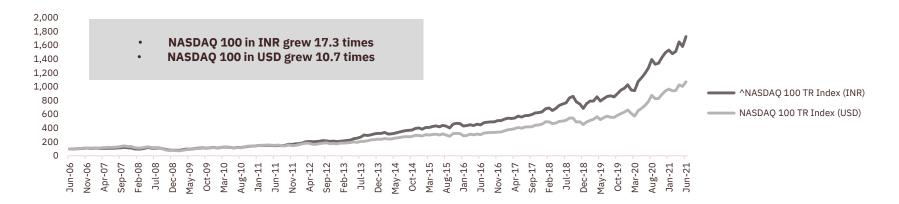
- No single strategy can provide consistent positive returns over all periods. Diversification is always considered a key investment strategy for long term investments.
- Diversification could be achieved by including assets that are not perfectly correlated to each other.

Data Source: Bloomberg, RBI, Thomson Reuters, niftyindices.com. MOAMC. Correlation of daily total returns as of Close of Jun 30, 2006 to Jun 30, 2021. ^denotes the index currency conversion. NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future.



# **Dollar Hedge**





	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Up to Jun 2021
NASDAQ 100 TR Index (USD)	4.0%	15.6%	38.9%	21.4%	10.0%	7.1%	32.5%	-1.4%	40.1%	48.8%	13.9%
^NASDAQ 100 TR Index (INR)	23.4%	19.1%	57.0%	24.3%	15.2%	9.8%	24.7%	7.6%	42.9%	52.7%	15.5%
Difference	19.4%	3.5%	18.1%	2.9%	5.3%	2.7%	-7.8%	9.0%	2.8%	3.9%	1.7%
INR-USD	18.7%	3.0%	13.0%	2.4%	4.8%	2.5%	-5.9%	9.1%	2.0%	2.6%	1.5%

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jun 30, 2006 – Jun 30, 2021; ^ denotes the index currency conversion. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



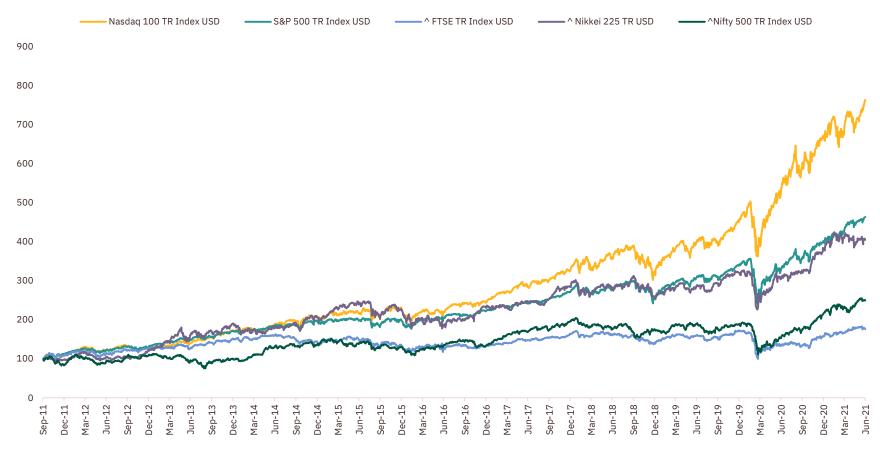
# – Performance: NASDAQ 100 Index



# **International Indices: Historical Performance (USD)**



- Globally NASDAQ 100 Index has been one of the best performing index over since Sep 30, 2011
- In USD Terms, the Nifty 500 TR Index is amongst the worst performing indices during same time



Data Source: Bloomberg; Performance in USD as of Close of Sep 30, 2011 – Jun 30, 2021; ^ denotes currency converted to USD. Month end index values. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



# International Indices: Risk Returns Profile (USD)



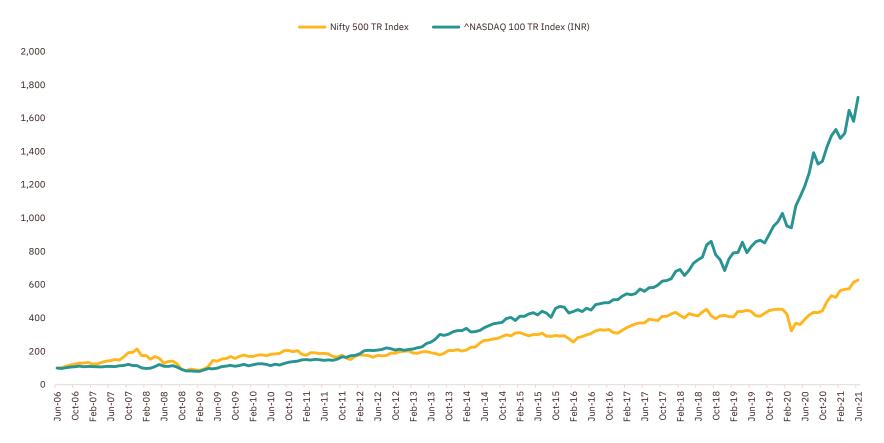
	Period	Nasdaq 100 TR Index USD	S&P 500 TR Index USD	^ FTSE TR Index USD	^ Nikkei 225 TR USD	^ Nifty 500 TR Index USD
ns	1 year	44.4%	40.8%	31.9%	31.6%	63.4%
Retur	3 year	28.6%	18.7%	2.6%	12.6%	11.9%
zed F	5 year	28.2%	17.6%	6.3%	16.8%	13.2%
Annualized Returns	7 year	22.2%	14.1%	1.4%	12.4%	9.7%
Ā	9 year	22.4%	15.9%	5.1%	16.3%	11.6%
	1 year	24.3%	16.3%	21.0%	14.7%	16.3%
Annualized Volatility	3 year	27.5%	24.3%	23.6%	19.8%	24.0%
zed V	5 year	22.4%	19.4%	19.2%	18.0%	19.9%
nuali:	7 year	20.9%	18.0%	19.8%	20.1%	19.4%
An	9 year	19.3%	16.6%	18.4%	20.7%	19.9%
rns	1 year	1.828	2.500	1.517	2.152	3.875
Retu	3 year	1.041	0.768	0.110	0.636	0.497
Risk Adjusted Returns	5 year	1.260	0.910	0.327	0.933	0.664
< Adju	7 year	1.063	0.782	0.070	0.617	0.500
Risl	9 year	1.159	0.959	0.275	0.787	0.581

Data Source: Bloomberg; Performance in USD as of Close of Jun 30, 2012 – Jun 30, 2021; ^ denotes currency converted to USD. Annualized Volatility calculated using monthly returns. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



# **Historical Performance**





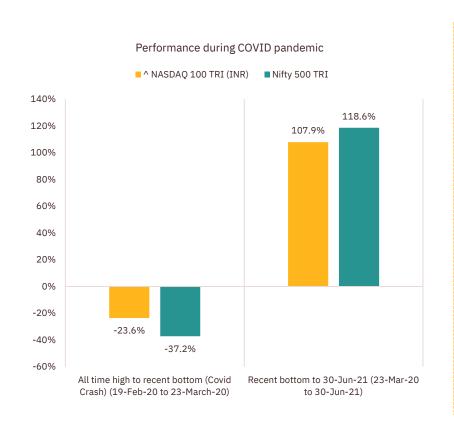
# NASDAQ 100 TR Index in INR has outperformed Nifty 500 TR Index with significantly higher margin during last 10 years

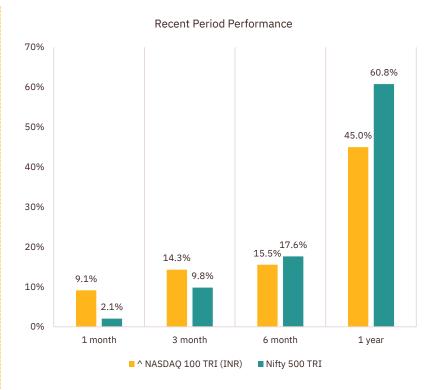
Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jun 30, 2006 – Jun 30, 2021; ^ denotes the index currency conversion. Monthly index values. NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



# Recent Performance: Absolute Returns







Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Feb 19, 2020 – Jun 30, 2021; ^ denotes the index currency conversion. NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



# Risk Return Profile (INR)



Data Label		1 year	3 year	5 year	7 year	10 year	15 year
Nifty 50 TR Index (INR)		54.6%	15.0%	15.1%	12.3%	12.2%	12.7%
Nifty 500 TR Index (INR)	CAGR	60.8%	15.0%	15.4%	13.1%	12.8%	13.0%
^NASDAQ 100 TR Index (INR)		45.0%	32.1%	31.0%	26.1%	28.0%	20.9%
Nifty 50 TR Index (INR)		16.8%	21.9%	18.2%	17.5%	17.5%	22.3%
Nifty 500 TR Index (INR)	Annualised Volatility	16.0%	20.9%	17.7%	17.2%	17.0%	21.5%
^NASDAQ 100 TR Index (INR)		22.7%	26.2%	22.1%	20.8%	20.2%	22.6%
Nifty 50 TR Index (INR)		3.252	0.687	0.828	0.703	0.695	0.570
Nifty 500 TR Index (INR)	Risk Adjusted Returns	3.801	0.719	0.869	0.763	0.756	0.606
^NASDAQ 100 TR Index (INR)		1.983	1.224	1.403	1.252	1.387	0.926

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jun 30, 2006 – Jun 30, 2021; ^ denotes the index currency conversion. NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



# SIP Return



^NASDAQ 100 TRI (INR)	1 Year	3 Year	5 Year	7 year	10 Year
Returns	41.4%	40.1%	33.6%	29.2%	27.7%
Amount Invested	1,20,000	3,60,000	6,00,000	8,40,000	12,00,000
Market Value	1,45,179	6,30,888	13,63,871	23,71,155	52,28,476

Nifty 500 TRI	1 Year	3 Year	5 Year	7 year	10 Year
Returns	54.4%	25.0%	17.5%	15.3%	15.2%
Amount Invested	1,20,000	3,60,000	6,00,000	8,40,000	12,00,000
Market Value	1,52,639	5,16,859	9,28,647	14,48,676	26,55,350

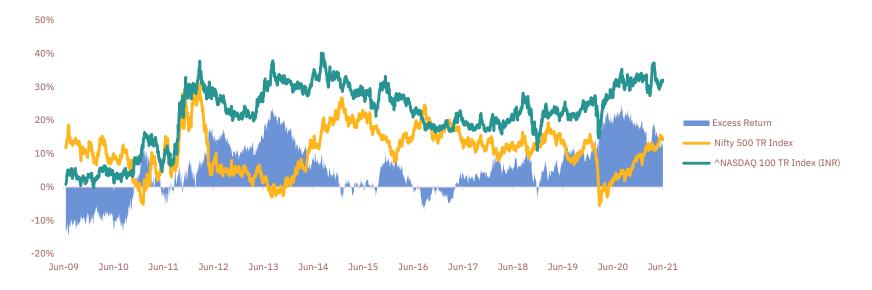
Data as of close of Jun 30, 2021. For SIP returns, monthly investment of INR 10,000/- invested on the first business day of every month has been considered. Performance is calculated using Total Return Index, with zero cost/expenses. Past performance may or may not be sustained in the future

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jun 30, 2011 – Jun 30, 2021; ^ denotes the index currency conversion. NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. The above table is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. The SIP amount, tenure of SIP, expected rate of return are assumed figures for the purpose of explaining the concept of advantages of SIP investments. The actual result may vary from depicted results depending on scheme selected. It should not be construed to be indicative of scheme performance in any manner. Past performance may or may not be sustained in future.



# 3 Year Rolling CAGR





3 Year Rolling Returns	~NASDAQ 100 TRI (INR)	Nifty 500 TRI
Average	22.0%	11.1%
Median	23.0%	11.8%
Min	-0.2%	-5.5%
Max	40.2%	30.9%

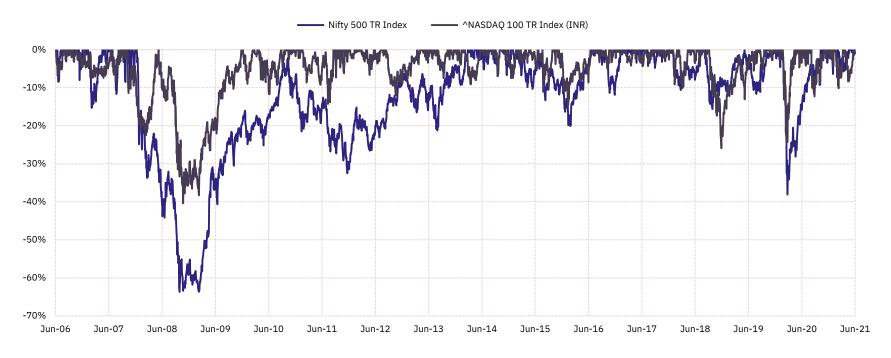
After initial underperformance NASDAQ 100 TR Index in INR noted consistent excess returns over Nifty 500 TR Index over last 9 years

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; 250 trading days in a year assumed to calculate rolling returns. Chart using monthly 3 year rolling returns. Performance as of Close of Jun 30, 2006 – Jun 30, 2021; ^ denotes the index currency conversion. NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



# **Indices: Drawdown Analysis**





	Nifty 500 TRI	~NASDAQ 100 TRI (INR)
Maximum Drawdown During Financial Crisis	-64%	-40%
Drawdown Date	27-Oct-08	20-Nov-08

Data Source: RBI, Bloomberg and niftyindices.com; ^Denotes Values converted in INR using RBI forex rates, Month-end Drawdown Chart. Performance Data from Jun 30, 2006 – Jun 30, 2021. NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Hypothetical performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve, performance similar to that shown. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. Past performance may or may not be sustained in future.



# Multiples have reached 10 year high





Data Source: Bloomberg (since inception upto July 31, 2020), Factset (since July 31,2020 onwards); Data from Jun 30, 2011 to Jun 30, 2021; The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. Past performance may or may not be sustained in future.



# NASDAQ 100 Index in your portfolio (Historical performance)



# **Hypothetical Portfolio Allocations**



# **Hypothetical Allocations to International Equity -**

#	Portfolio Name	Nifty 500 TRI	^NASDAQ 100 TRI (INR)
1.	Core Equity	100%	0
2.	Core Equity+ (90:10)	90%	10%
3.	Core Equity++ (80:20)	80%	20%

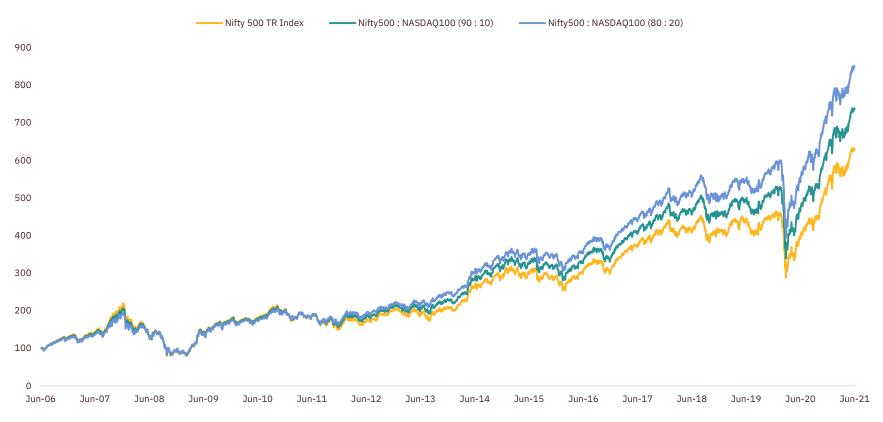
Correlation (15 Year)	^NASDAQ 100 TRI (INR)
Nifty 500 TRI (INR)	19%

Data Source: Bloomberg, RBI, Thomson Reuters, MOAMC. Correlation of daily total returns as of Close of Jun 30, 2006 to Jun 30, 2021. ^ denotes the index currency conversion. NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above table is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. Past performance may or may not be sustained in future



# NASDAQ 100 Allocation – Performance





# Small allocation to NASDAQ 100 TR Index in INR has helped improve portfolio performance during last 15 years

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jun 30, 2006 – Jun 30, 2021; NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



# **Asset Allocation - Risk-Return Profile (INR)**



	Data Label	Core Only (Nifty 500 TRI)	Core + (90:10)	Core ++ (80:20)
	3 year	15.0%	16.8%	18.6%
0	5 year	15.4%	17.1%	18.7%
Annualised Returns	7 year	13.1%	14.5%	15.8%
Retu	10 year	12.8%	14.6%	16.3%
4	15 year	13.0%	14.2%	15.3%
	20 year	17.5%	17.7%	17.8%
	3 year	20.5%	19.0%	18.1%
70	5 year	17.4%	16.2%	15.5%
Annualised Volatility	7 year	16.9%	15.8%	15.0%
Vola	10 year	16.8%	15.6%	14.8%
4	15 year	21.4%	19.7%	18.4%
	20 year	21.7%	19.9%	18.6%
	3 year	0.734	0.885	1.027
p	5 year	0.884	1.051	1.208
Risk Adjusted Returns	7 year	0.774	0.916	1.052
sk Ac Retu	10 year	0.765	0.939	1.107
Ë	15 year	0.610	0.725	0.836
	20 year	0.809	0.888	0.954

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jun 30, 2001 – Jun 30, 2021; NASDAQ 100 Index values are adjusted for one day lag movement due to different time zone. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy.



# **Comparison with S&P 500 Index**



CRITERIA	S&P 500 INDEX	NASDAQ 100 INDEX				
Theme	Broad Market	Technology Heavy				
Eligible Stock Exchange	Various stock exchanges including NASDAQ	Stocks listed only on NASDAQ				
US Mcap Coverage	~78.4%	~34.8%				
Number of Companies	500	100				
# of Common Stocks	80	80				
Weight of Common Stocks	40.8%	92.6%				
Sectors	All 11 GICS <sup>\$</sup> Sectors Covered	Represents 7 GICS <sup>\$</sup> sectors out of 11 sectors				
Largest Sector (weight)	Information Technology (27.4%)	Information Technology (48.9%)				

Source: www.spindices.com; <a href="www.indexes.nasdaqomx.com/">www.indexes.nasdaqomx.com/</a>; ~ denotes approximate numbers. # Data as of 30-Jun-2021. \$a https://www.msci.com/gics. The table above may have inherent limitations and no representation is being made that any investor will, or is likely to achieve, results similar to that shown in future



# Passive Funds by Motilal Oswal AMC



# **Motilal Oswal NASDAQ 100 ETF**



MOTILAL OSWAL

# **Investment Objective.**

The Scheme seeks investment return that corresponds (before fees and expenses) generally to the performance of the NASDAQ100 Index, subject to tracking error\*. However, there can be no assurance or guarantee that the investment objective of the Scheme would be achieved.

# **Key Facts:**

- **Benchmark** NASDAQ 100 TR Index
- Fund Manager Mr. Herin Visaria
- Date of Inception/Allotment 29-March-2011
- Total Expense Ratio 0.56%
- Latest Asset Under Management INR 4,351.04 Crores (As on Jun 30, 2021)
- Portfolio Turnover Ratio 0.09

Tickers/Symbols:

NSE/BSE Symbol - N100

**Bloomberg** – MOSTNDX

ISIN Code - INF247L01031

# **Continuous Offer:**

**On NSE / BSE:** Investors can buy/sell units of the Scheme in round lot of 1 unit and in multiples thereof.

# **Directly with the Mutual Fund:**

Investors can buy/sell units of the Scheme only in creation unit size i.e. 25,000 units and in multiples thereafter.

This is not an index fund; it is Exchange Traded Fund (ETF)

Source: MOAMC; As of Jun 30, 2021, \* Tracking Error against NASDAQ 100 Index (in INR using Thomson Reuter Forex Rate). Mutual Fund Investments are subject to market risks, read all scheme related documents carefully

# Motilal Oswal NASDAQ 100 Fund of Funds



# **Investment Objective.**

The investment objective of the scheme is to seek returns by investing in units of Motilal Oswal Nasdaq 100 ETF. However, there can be no assurance or guarantee that the investment objective of the scheme would be achieved.

# **Key Facts:**

- Benchmark NASDAQ 100 TRI
- Fund Manager Mr. Swapnil Mayekar and for Debt component -Mr. Abhiroop Mukherjee
- Date of Inception/Allotment 28-November-2018
- Total Expense Ratio Direct 0.10%; Regular 0.50%
- Asset Under Management INR 3,026.66 Crores (As on Jun 30, 2021)

## AMFI Code -

- Entry Load- Nil
- Exit Load- Nil

Category - Domestic Fund of Fund

# **Continuous Offer:**

Minimum Application Amount: INR 500/- and in multiples of INR 1/- thereafter.

Additional Application Amount: INR 500/- and in multiples of INR 1/- thereafter.

Note - Investors are requested to note that they will be bearing the recurring expenses of the fund of funds (FoF) scheme, in addition to the expenses of underlying scheme (0.56% of Motilal Oswal NASDAQ 100 ETF) in which the fund of funds scheme makes investments

This is not an index fund; it is fund of fund (FoF) that invests in underlying ETF

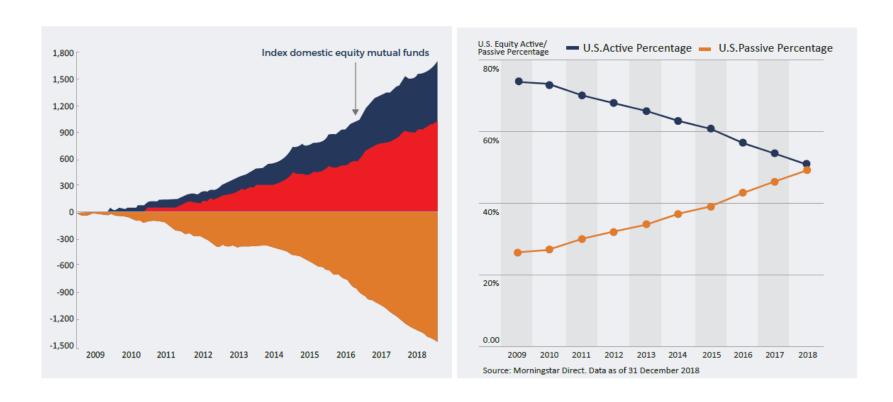
Source: MOAMC; As of Jun 30, 2021, \* Tracking Error against NASDAQ 100 Index (in INR using Thomson Reuter Forex Rate). Mutual Fund Investments are subject to market risks, read all scheme related documents carefully



# Active vs Passive

# US: Over Last 10 Year Passive Funds AUM gained market share (year 2018)



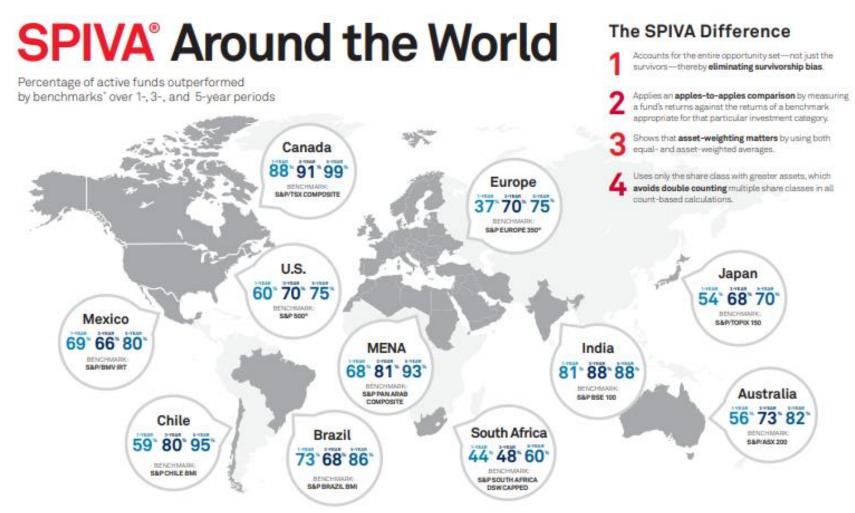


Data Source: Chart – Morningstar. Data basis latest available report published on Jan 2019; The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. Past performance may or may not be sustained in future.



# Global: Active Passive Score Card



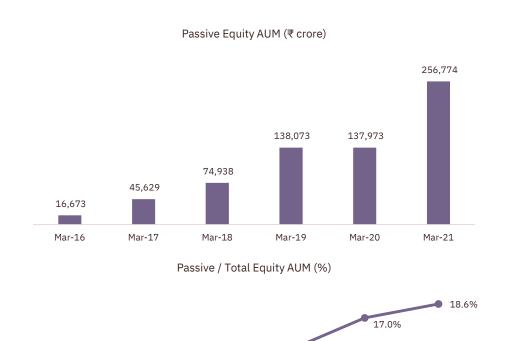


Source/Disclaimer: spdji.com/SPIVA; December 2020; Regional benchmarks included here are large-cap, with the exception of Brazil and Chile where SPIVA results displayed reflect regional broad market indices. Multiple benchmarks exist in all regions tracked by SPIVA. Visit www.spdji.com/spiva for more information.



# **Growth of Passive Funds in India**





Retirement Funds are mandated to invest at least 15% of annual accretion in Equity ETFs/Index Funds for equity investments

Categorization and rationalization of Mutual Fund Schemes by SEBI

Benchmarking of funds moved from Price Return Index (PRI) to Total Return Index (TRI)

Challenges in generating alpha due to improving market efficiency.



Source/Disclaimer: AMFI, AceMF. All AUM data in INR. Data from 31-March-2016 to 31-March-2021. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. Past performance may or may not be sustained in future.



# **Key Takeaway**



Key factors to be considered for ideal asset allocation:

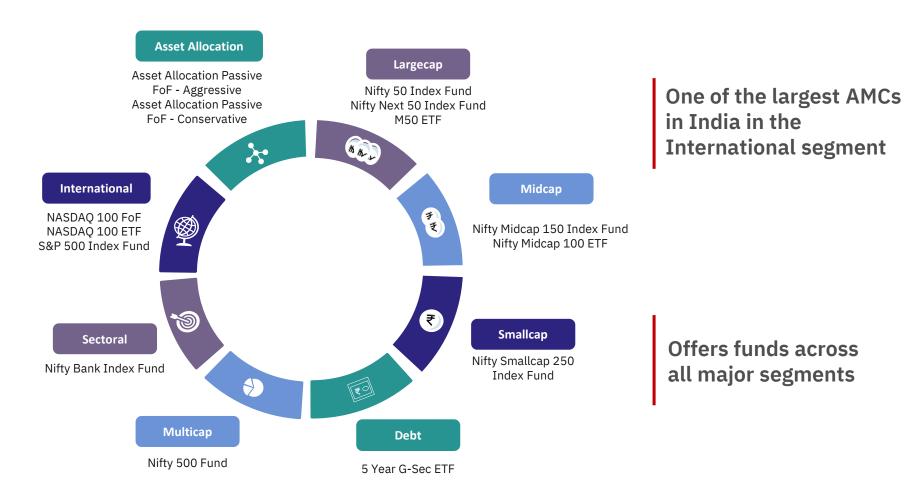
- 1. NASDAQ 100 Index includes top 100 non-financial companies in the index. Historically, majority of index weight was noted by global technology brands. The index doesn't include financial companies.
- 2. Motilal Oswal NASDAQ 100 ETF and FoF offers investors an opportunity to invest in global technology companies that are part of NASDAQ 100 Index. It aims to earn index returns subject to tracking error. Motilal Oswal NASDAQ 100 FoF can be useful for investor with no demat account.
- 3. Historically, NASDAQ 100 Index had **relatively lower correlation** with Indian equity indices, thereby offering **diversification opportunity**.
- 4. Historically NASDAQ 100 TR Index (in INR) noted better returns over NASDAQ 100 TR Index (in USD), due to INR depreciation
- 5. Due to recovery post recent crash due to Covid-19 Pandemic, the current **valuation multiple are above historical** averages.

This is not an index fund, it is ETF and Fund of Fund (FoF)



# **Motilal Oswal Passive Fund Offerings**





Source/Disclaimer: Mutual Fund Investments are subject to market risks, read all scheme related documents carefully.

Source/Disclaimer



# Thank You

"Don't look for the needle in the haystack. Just buy the haystack!"

- John C. Bogle

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# **Profitability**



All figures in %

	CY 2010	CY 2011	CY 2012	CY 2013	CY 2014	CY 2015	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
Gross Margin	44.83	44.66	44.18	43.12	43.88	43.89	43.72	43.87	44.49	44.18	43.67
Operating Margin	19.59	19.98	19.58	18.17	18.59	18.81	18.11	18.62	19.13	17.69	17.37
Net Margin	14.78	14.49	14.34	13.56	13.26	14.13	13.38	14.38	14.32	14.51	14.20
Return on Equity	21.31	21.75	20.59	19.07	19.80	21.04	18.84	20.54	23.58	23.93	22.67

Data Source: FactSet. Based on LTM which is derived from FactSet fundamentals monthly series. Data from Dec 2010 – Dec 2020; Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future.



# **Valuation Multiples**



	CY 2010	CY 2011	CY 2012	CY 2013	CY 2014	CY 2015	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
Price/Earnings	17.09	15.46	16.38	22.07	23.99	22.69	24.16	26.44	22.48	28.30	40.40
Price/Book Value	3.64	3.36	3.37	4.21	4.75	4.77	4.55	5.43	5.30	6.77	9.19
EV/EBIT	12.61	11.07	11.88	16.39	17.18	17.49	18.56	21.10	17.50	23.94	33.76
EV/EBITDA	9.85	8.69	9.10	12.05	12.67	13.09	13.41	15.24	12.92	16.95	23.49
EV/Sales	2.47	2.21	2.33	2.98	3.19	3.29	3.36	3.93	3.35	4.24	5.86

- NASDAQ 100 valuation multiples now at 10 year high.
- Covid 19 Impact NASDAQ 100 index has not only recovered but hit a new all time high showing a V-shaped recovery as economies open up and the world moves towards a new normal

Data Source: Factset. Based on LTM which is derived from FactSet fundamentals monthly series. Data from Dec 2010 – Dec 2020; Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future.



# **Estimates**



	CY 2011	CY 2012	CY 2013	CY 2014	CY 2015	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020	CY 2021E	CY 2022E	CY 2023E
Price/Earnings (x)	16.2	15.4	20.9	21.6	19.0	22.9	25.6	22.0	25.5	35.2	30.9	27.6	25.2
Price/Book Value (x)	3.6	3.3	4.1	4.8	4.3	4.9	5.9	5.9	6.5	8.8	8.7	7.4	5.9
Dividend Yield (%)	1.1	1.4	1.4	1.2	1.4	1.2	1.0	1.1	1.0	0.7	0.6	0.7	0.6
Enterprise Value/EBIT (x)	11.5	11.4	15.3	16.0	14.2	17.3	19.9	18.4	21.1	29.1	25.6	22.7	21.0
Enterprise Value/EBITDA (x)	9.5	9.1	11.9	12.5	11.0	13.0	14.9	13.6	15.1	20.9	19.3	17.3	15.6
Enterprise Value/Sales (x)	2.4	2.4	3.0	3.3	3.0	3.6	4.1	3.7	4.1	5.6	5.3	4.8	4.4

Data Source: Factset; Data as on 30-Jun-2021; Performance results have many inherent limitations and no representation is being made that any investor will, or is likely to achieve. Past performance may or may not be sustained in future.



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## **Currency Risk:**

The fund may invest in overseas mutual fund / foreign securities as permitted by the concerned regulatory authorities in India. Since the assets will be invested in securities denominated in foreign currencies, the Indian Rupee equivalent of the net assets, distributions and income may be adversely affected by changes/fluctuations in the value of the foreign currencies relative to the Indian Rupee.

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