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

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



### Content

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Why NASDAQ 100 Index?

Performance of NASDAQ 100 Index

Why invest now?

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



\*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<sup>®</sup> includes <u>100 of the largest non-financial companies</u> listed on The Nasdaq Stock Market<sup>®</sup>, 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">https://indexes.nasdaqomx.com/docs/methodology</a> NDX.pdf; Data as of Jan 31, 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)



### NASDAQ 100 Methodology Snapshot



Listing:	All securities must be exclusively <b>listed at NASDAQ</b>
Sector Exclusion:	Only security issued by a <b>non-financial company</b> is eligible
Liquidity:	Average Daily traded Volume > 2,00,000 shares over past 3 months
<b>Company Selection:</b>	Top 100 companies by total market capitalization, subject to buffer of 25 companies
Weighting:	Maximum <b>weight of constituent is capped at 24%;</b> 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: <u>https://indexes.nasdaqomx.com/docs/methodology\_NDX.pdf;</u> Data as of Jan 31, 2021; for detailed index methodology please log on to source website.

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### Motilal Oswal NASDAQ 100 ETF Top 10 companies



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### Motilal Oswal NASDAQ 100 ETF Composition

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

Constituent Name	Weight	GICS Sector
Apple Inc.	12.1%	Information Technology
Microsoft Corp	9.5%	Information Technology
Amazon Com Inc	8.7%	Consumer Discretionary
Tesla Inc	5.0%	Consumer Discretionary
Facebook Inc	3.4%	Communication Services
Alphabet Inc	3.3%	Communication Services
Alphabet Inc A	3.0%	Communication Services
Nvidia Corp Com	2.6%	Information Technology
Paypal Holdings Inc	2.3%	Information Technology
Netflix Inc	1.9%	Communication Services
Total	51.8%	

#### **GICS Sector Coverage (%)**

Information Technology		48.0
Health Care	6.8	
Consumer Discretionary	19.3	
Communication Services	18.1	
Financials	-	
Industrials	1.7	
Consumer Staples	4.9	
Utilities	0.9	
Materials	-	
Real Estate	-	
Energy	-	
International ETFs	-	
Cash & Equivalent	0.2	

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

Source/Disclaimer: MOAMC; Data as of 31-Jan-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.



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# Why NASDAQ 100 Index?



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### 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%	24%	19%
Nifty 500 TR Index (INR)		100%	23%	18%
^S&P 500 TR Index (INR)			100%	48%
^NASDAQ 100 TR Index (INR)				100%

# Lower the correlation number, better the diversification opportunity offered

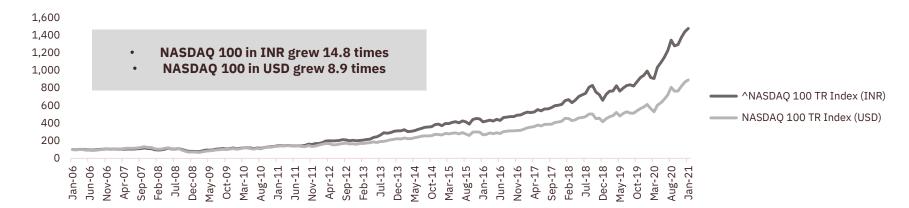
- No single strategy can provide consistent positive returns over all periods. Diversification is always considered a key investment strategy for long term investments.
- Diversification could be achieved by including assets that are not perfectly correlated to each other.

Data Source: Bloomberg, RBI, Thomson Reuters, niftyindices.com. MOAMC. Correlation of daily total returns as of Close of Jan 31, 2006 to Jan 31, 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	Jan 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%	2.8%
^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%	2.6%
Difference	19.4%	3.5%	18.1%	2.9%	5.3%	2.7%	-7.8%	9.0%	2.8%	3.9%	-0.2%
INR-USD	18.7%	3.0%	13.0%	2.4%	4.8%	2.5%	-5.9%	9.1%	2.0%	2.6%	-0.2%

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jan 31, 2006 – Jan 31, 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. Past performance may or may not be sustained in future.

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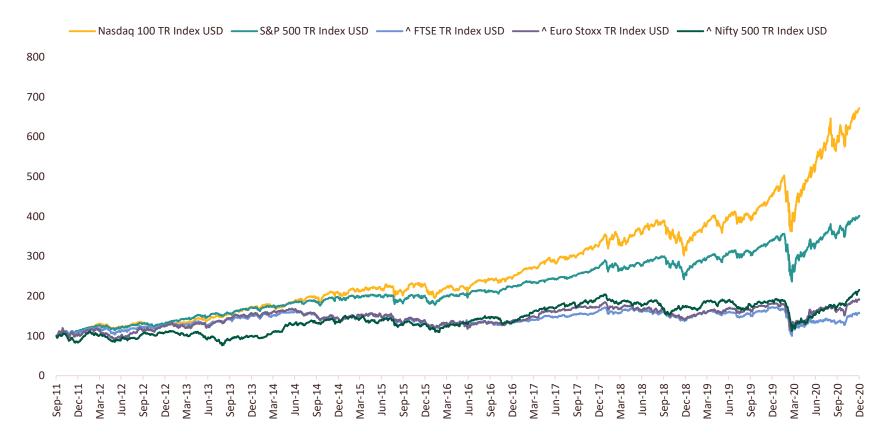
# **Performance: NASDAQ 100 Index**



### International Indices: Historical Performance (USD)

INDEX FUNDS MOTILAL OSWAL

- 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 – Dec 31, 2020; ^ 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. Past performance may or may not be sustained in future.



### International Indices: Risk Returns Profile (USD)



	Period	Nasdaq 100 TR Index USD	S&P 500 TR Index USD	^ FTSE TR Index USD	^ Euro Stoxx TR Index USD	^ Nifty 500 TR Index USD
s	1 year	48.9%	18.4%	-8.8%	5.4%	15.1%
Retur	3 year	27.6%	14.2%	-1.5%	3.5%	3.3%
zed F	5 year	24.3%	15.2%	3.2%	6.8%	10.6%
Annualized Returns	7 year	21.4%	12.9%	0.5%	2.8%	11.6%
Ar	9 year	22.7%	15.3%	4.1%	7.1%	11.1%
ity	1 year	36.3%	34.1%	33.3%	33.1%	29.1%
olatil	3 year	26.4%	23.2%	22.2%	22.4%	20.6%
Annualized Volatility	5 year	22.2%	19.1%	20.7%	20.5%	18.2%
nuali	7 year	20.5%	17.6%	19.3%	20.0%	17.6%
An	9 year	19.2%	16.4%	18.5%	20.6%	18.0%
rns	1 year	1.347	0.540	-0.263	0.163	0.518
Retu	3 year	1.044	0.612	-0.067	0.158	0.161
Risk Adjusted Returns	5 year	1.095	0.797	0.153	0.332	0.580
k Adju	7 year	1.043	0.734	0.025	0.140	0.657
Rist	9 year	1.183	0.929	0.222	0.344	0.619

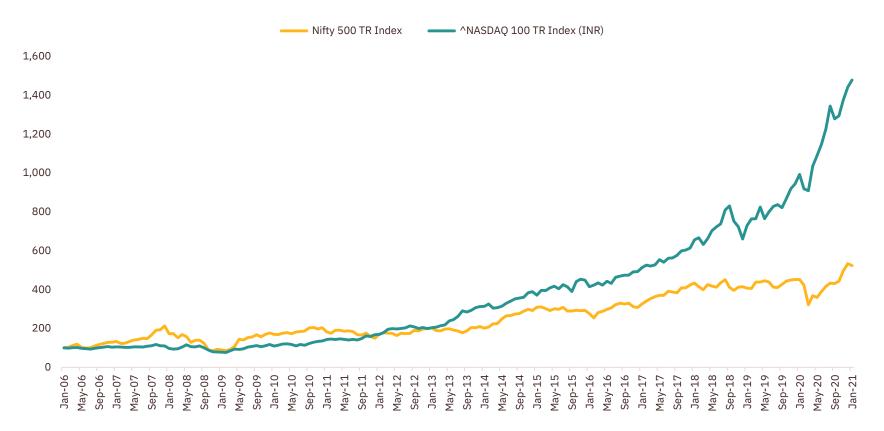
Data Source: Bloomberg; Performance in USD as of Close of Dec 31, 2011 – Dec 31, 2020; ^ denotes currency converted to USD. Annualized Volatility calculated using monthly returns. Performance results have many inherent limitations and no representation is being made that any investor will, or is likely 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. Past performance may or may not be sustained in future.





### **Historical Performance**





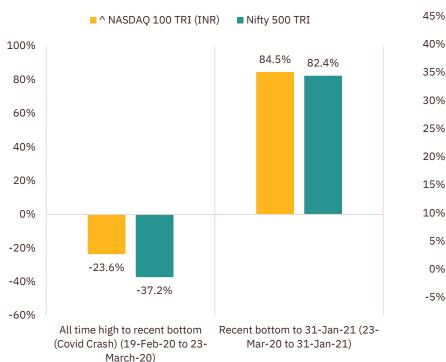
#### NASDAQ 100 TR Index in INR has outperformed Nifty 500 TR Index with significantly higher margin during last 10 years

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jan 31, 2006 – Jan 31, 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. Past performance may or may not be sustained in future.



#### **Recent Performance: Absolute Returns**





Performance during COVID pandemic

Recent Period Performance



Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jan 31, 2020 – Jan 31, 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. Past performance may or may not be sustained in future.



### **Risk Return Profile (INR)**



Data Label		1 year	3 year	5 year	7 year	10 year	15 year
Nifty 50 TR Index (INR)		15.2%	8.7%	14.0%	13.6%	10.8%	12.0%
Nifty 500 TR Index (INR)	CAGR	15.8%	6.5%	13.6%	14.6%	11.1%	11.7%
^NASDAQ 100 TR Index (INR)	-	48.9%	31.1%	28.9%	24.8%	26.3%	19.7%
Nifty 50 TR Index (INR)		31.4%	21.2%	18.1%	17.2%	17.5%	22.8%
Nifty 500 TR Index (INR)	Annualised Volatility	29.6%	20.4%	17.6%	16.9%	17.0%	22.0%
^NASDAQ 100 TR Index (INR)	-	35.1%	26.2%	21.8%	20.5%	20.0%	22.5%
Nifty 50 TR Index (INR)		0.484	0.409	0.771	0.789	0.620	0.524
Nifty 500 TR Index (INR)	- Risk Adjusted Returns	0.534	0.317	0.773	0.863	0.653	0.529
^NASDAQ 100 TR Index (INR)	_	1.394	1.187	1.328	1.211	1.316	0.875

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jan 31, 2006 – Jan 31, 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. Past performance may or may not be sustained in future



#### **SIP Return**



^NASDAQ 100 TRI (INR)	1 Year	3 Year	5 Year	7 year	10 Year
Returns	58.7%	39.0%	32.7%	28.2%	27.3%
Amount Invested	1,20,000	3,60,000	6,00,000	8,40,000	12,00,000
Market Value	1,55,014	6,21,695	13,34,322	22,91,334	51,02,996

Nifty 500 TRI	1 Year	3 Year	5 Year	7 year	10 Year
Returns	53.7%	14.8%	12.6%	11.9%	12.6%
Amount Invested	1,20,000	3,60,000	6,00,000	8,40,000	12,00,000
Market Value	1,52,224	4,48,484	8,22,581	12,82,281	23,11,022

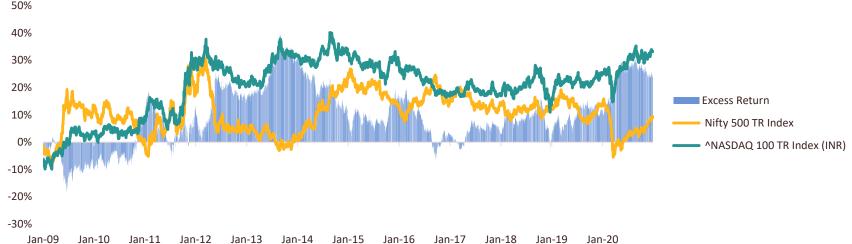
Data as of close of January 31, 2021. For SIP returns, monthly investment of INR 10,000/- invested on the first business day of every month has been considered. Performance is calculated using Total Return Index, with zero cost/expenses. Past performance may or may not be sustained in the future

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Jan 31, 2011 – Jan 31, 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 Returns	~NASDAQ 100 TRI (INR)	Nifty 500 TRI
Average	20.5%	10.7%
Median	22.2%	11.5%
Min	-9.9%	-8.7%
Max	40.2%	30.9%

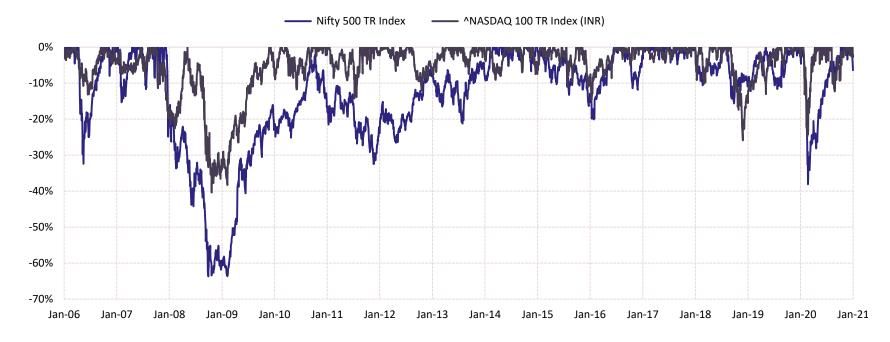
After initial underperformance NASDAQ 100 TR Index in INR noted consistent excess returns over Nifty 500 TR Index over last 9 years

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 Dec 31, 2005 – Dec 31, 2020; ^ 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. Past performance may or may not be sustained in future.



#### Indices: Drawdown Analysis





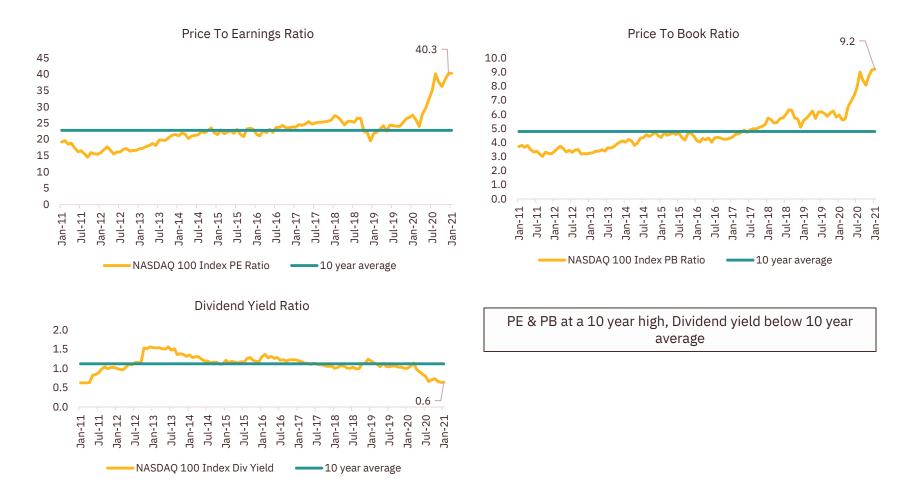
	Nifty 500 TRI	~NASDAQ 100 TRI (INR)
Maximum Drawdown During Financial Crisis	-64%	-40%
Drawdown Date	27-Oct-08	20-Nov-08

Data Source: RBI, Bloomberg and niftyindices.com; ^Denotes Values converted in INR using RBI forex rates, Month-end Drawdown Chart. Performance Data from Jan 31, 2006 – Jan 31, 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 Jan 31, 2011 to Jan 31, 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%

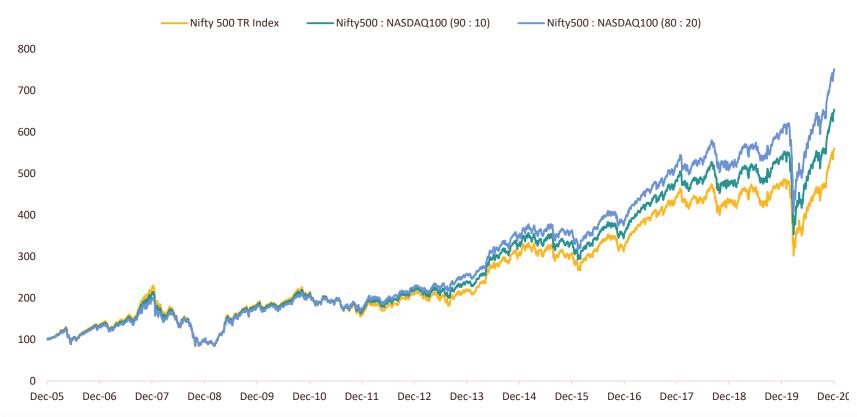
Correlation (15 Year)	^NASDAQ 100 TRI (INR)
Nifty 500 TRI (INR)	18%

Data Source: Bloomberg, RBI, Thomson Reuters, MOAMC. Correlation of daily total returns as of Close of Dec 31, 2005 to Dec 31, 2020. ^ 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

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#### 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 Dec 31, 2005 – Dec 31, 2020; 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. Past performance may or may not be sustained in future.



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



	Data Label	Core Only (Nifty 500 TRI)	Core + (90:10)	Core ++ (80:20)
	3 year	7.9%	10.5%	13.0%
σ	5 year	12.7%	14.2%	15.6%
Annualised Returns	7 year	14.2%	15.4%	16.5%
Retu	10 year	10.1%	12.0%	13.8%
	15 year	12.2%	13.3%	14.4%
	20 year	15.3%	15.5%	15.5%
	3 year	20.3%	18.8%	18.0%
σ	5 year	17.7%	16.4%	15.7%
alise tility	7 year	16.9%	15.7%	15.0%
Annualised Volatility	10 year	17.0%	15.7%	14.9%
	15 year	22.0%	20.2%	18.8%
	20 year	22.1%	20.4%	19.0%
	3 year	0.392	0.555	0.721
eq	5 year	0.720	0.863	0.998
djust	7 year	0.844	0.976	1.099
Risk Adjusted Returns	10 year	0.595	0.763	0.932
Ris	15 year	0.554	0.661	0.765
	20 year	0.691	0.759	0.814

Data Source: Bloomberg, FBIL/RBI/Thomson Reuter and MOAMC; Performance as of Close of Dec 31, 2000 – Dec 31, 2020; 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. Past performance may or may not be sustained in future.



### **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	~80.2%	~35.8%
Number of Companies	500	100
# of Common Stocks	79	79
Weight of Common Stocks	41.5%	91.7%
Sectors	All 11 GICS <sup>\$</sup> Sectors Covered	Represents 7 GICS <sup>\$</sup> sectors out of 11 sectors
Largest Sector (weight)	Information Technology (27.8%)	Information Technology (48.1%)

Source: www.spindices.com ; <u>www.indexes.nasdaqomx.com/</u>; ~ denotes approximate numbers. # Data as of 31-Jan-2021. \$ <u>https://www.msci.com/gics</u>. 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

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# Passive Funds by Motilal Oswal AMC



### Motilal Oswal NASDAQ 100 ETF



#### **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:	Tickers/Symbols:				
• Benchmark – NASDAQ 100 TR Index	NSE/BSE Symbol – N100				
-	Bloomberg – MOSTNDX				
<ul> <li>Fund Manager – Mr. Herin Visaria</li> </ul>	ISIN Code – INF247L01031				
Date of Inception/Allotment - 29-March-2011					
• Total Expense Ratio – 0.54%					
	Continuous Offer:				
<ul> <li>Latest Asset Under Management – INR 2,769.57 Crores (As on Jan 31, 2021)</li> </ul>	<b>On NSE / BSE:</b> Investors can buy/sell units of the Scheme in round lot of 1 unit and in multiples thereof.				
• Portfolio Turnover Ratio – 0.15	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 31-Jan-2021, \* Tracking Error against NASDAQ 100 Index (in INR using Thomson Reuter Forex Rate)



### 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:	AMFI Code –				
• Benchmark – NASDAQ 100 TRI	• Entry Load– Nil				
	• Exit Load- Nil				
• <b>Fund Manager</b> – Mr. Swapnil Mayekar and for Debt component - Mr. Abhiroop Mukherjee	Category – Domestic Fund of Fund				
• Date of Inception/Allotment – 28-November-2018					
• Total Expense Ratio – Direct - 0.10%; Regular – 0.50%					
	Continuous Offer:				
<ul> <li>Asset Under Management – INR 1,857.24 Crores (As on Jan 31, 2021)</li> </ul>	Minimum Application Amount : INR 500/- and in multiples of INR 1/- thereafter.				
	Additional Application Amount : INR 500/- and in				

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 (0.54% of Motilal Oswal NASDAQ 100 ETF) in which the fund of funds scheme makes investments

multiples of INR 1/- thereafter.

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

Source: MOAMC; As of 31-Jan-2021, \* Tracking Error against NASDAQ 100 Index (in INR using Thomson Reuter Forex Rate)



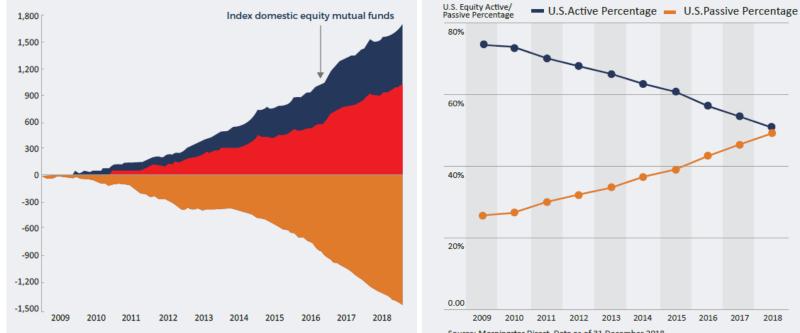


# Active vs Passive



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





2012 2013 2014 2015 2016 2017 2018 Source: Morningstar Direct. Data as of 31 December 2018

Data Source: Chart - Morningstar data as of Dec 2018; 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**



The SPIVA Difference

Accounts for the entire opportunity set-not just the survivors-thereby **eliminating survivorship bias**.

# **SPIVA®** Around the World

Percentage of active funds outperformed

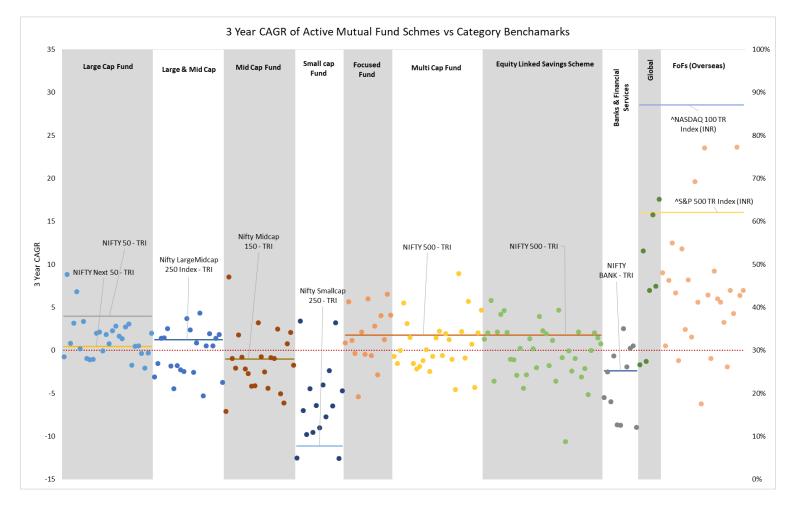
Applies an apples-to-apples comparison by measuring by benchmarks\* over 1-, 3-, and 5-year periods a fund's returns against the returns of a benchmark appropriate for that particular investment category. Shows that asset-weighting matters by using both 3 Canada equal- and asset-weighted averages. 88\*92\*97\* Uses only the share class with greater assets, which Europe avoids double counting multiple share classes in all BENCHMARK S&P/TSX COMPOSITE count-based calculations. 49° 75° 73 RENCHMARK S&PEUROPE 350\* U.S. Japan 63° 71° 5-YEAR 5-YEAR 49\* 69\* 67\* BENCHMARK: BENCHMARK: S&P 500\* Mexico S&P TOPIX 150 -VEAR 3-YEAR 5-YEA 64\* 64\* 80\* India BENCHMARK -VEAR 3-VEAR S&P/BMV IRT 48\*83\*80 BENCHMARK: Australia **S&PBSE 100** South Africa 57°76°80 Chile 3-YEAR 5-YEAR 39" 50" 54' Brazil BENCHMARK 3-YEAR 59° 80° 93' S&P/ASX 200 42°71°80% BENCHMARK: S&P SOUTH AFRICA BENCHMARK: DSW CAPPED S&P CHILE BMI BENCHMARK: S&P BRAZIL BMI

Source/Disclaimer: spdji.com/SPIVA; June 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.



#### Performance of Active Mutual Fund Scheme vs Category Benchmark (3 yr. CAGR)



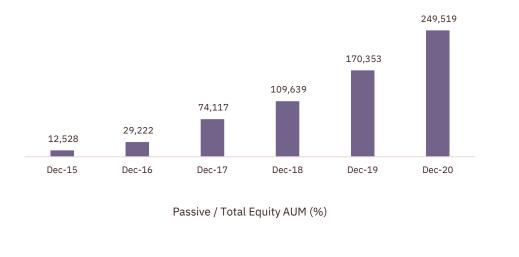


Data Source: ACE MF Next, MOAMC; 30-Jun-2020. The above graph is used to explain the concept and is for illustration purpose only and should not used for development or implementation of an investment strategy. Past performance may or may not be sustained in future.



### **Growth of Passive Funds in India**





8.8%

Dec-17

3.0%

Dec-16

Dec-15

Passive Equity AUM (₹ crore)

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.



Dec-20

16.3%

Dec-19

20.0%

11 5%

Dec-18



#### Key Takeaway



Key factors to be considered for ideal asset allocation:

- 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)

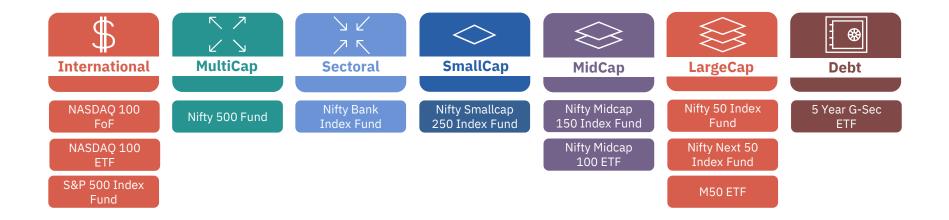
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### **Motilal Oswal Passive Fund Offerings**



Managing over ₹5,500 crore across all our passive funds One of the largest AMC in India in the International segment Only AMC with funds across all major segments



#### For more information please log in to www.motilaloswalmf.com;

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# - Thank You

"Don't look for the needle in the haystack. Just buy the haystack!" - John C. Bogle

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# – Annexures







#### 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 2010	CY 2011	CY 2012	CY 2013	CY 2014	CY 2015	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020	CY 2021E	CY 2022E
Price/Earnings (x)	17.22	16.52	15.53	21.28	22.04	19.24	22.92	25.68	22.02	25.48	37.35	31.75	27.47
Price/Book Value (x)	3.60	3.68	3.32	4.13	4.80	4.28	4.87	5.87	6.02	6.50	9.07	8.00	6.98
Dividend Yield (%)	1.03	1.08	1.38	1.33	1.14	1.37	1.15	1.01	1.05	0.96	0.64	0.69	0.74
Enterprise Value/EBIT (x)	11.81	11.63	11.46	15.51	16.29	14.31	17.54	19.89	18.35	20.99	30.55	25.88	22.60
Enterprise Value/EBITDA (x)	9.58	9.50	9.12	11.88	12.54	11.01	12.98	14.73	13.49	14.99	21.77	18.96	16.85
Enterprise Value/Sales (x)	2.50	2.45	2.37	3.01	3.30	3.00	3.57	4.07	3.66	4.01	5.73	5.07	4.60

Data Source: Factset; Data as on 31-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.



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To the extent the assets of the scheme are invested in overseas financial assets, there may be risks associated with currency movements, restrictions on repatriation and transaction procedures in overseas market. Further, the repatriation of capital to India may also be hampered by changes in regulations or political circumstances as well as the application to it of other restrictions on investment. In addition, country risks would include events such as introduction of extraordinary exchange controls, economic deterioration, and bi-lateral conflict leading to immobilisation of the overseas financial assets and the prevalent tax laws of the respective jurisdiction for execution of trades or otherwise.

#### **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.

#### **Country Risk:**

The Country risk arises from the inability of a country, to meet its financial obligations. It is the risk encompassing economic, social and political conditions in a foreign country, which might adversely affect foreign investors' financial interests.

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