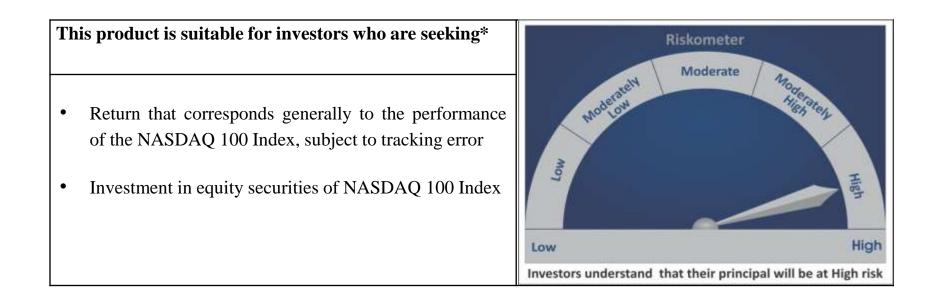


# **Motilal Oswal NASDAQ 100 ETF**

# **Product Labeling**







# vasdag

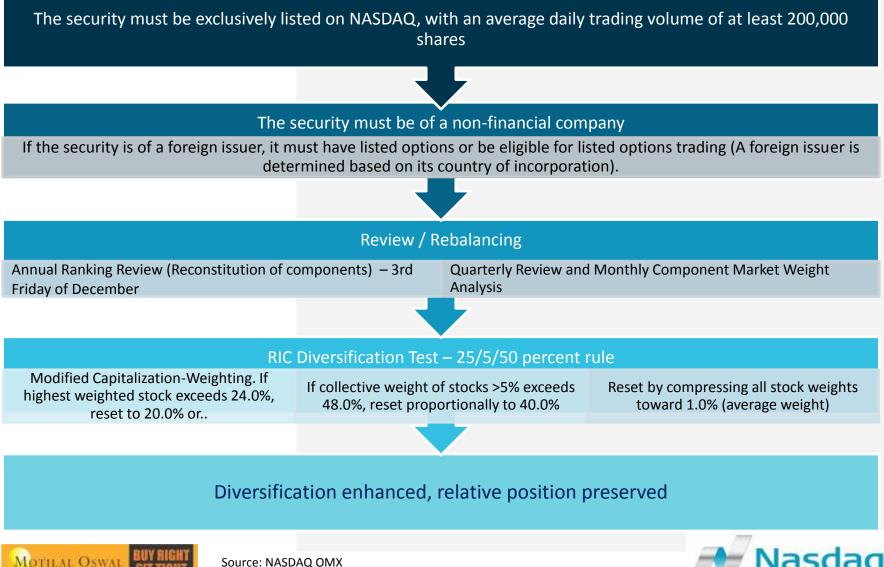
# What is the NASDAQ-100 Index?

- The top 100 domestic and international non-financial securities listed on The NASDAQ Stock Market<sup>®</sup> based on market capitalization.
- One of the greenest major large cap U.S. equity benchmark indices.
- Long-established holdings include companies that have a legacy of leadership and innovation.
- Does NOT contain securities of financial companies, including investment companies
- Technology stocks have evolved from creating new and niche consumer products to a group of companies upon which every industry and sector have become dependent. The companies within the NASDAQ-100 represent the true innovators of the modern economy bringing disruption to the old economy on a global basis.
- Today, Apple, Microsoft, Google, Facebook and other NASDAQ-100 components have become the global leaders of business and are the new industrials.





# **Criteria and Index Rebalancing**



Source: NASDAQ OMX

# NASDAQ-100 Industry Weights by Market Value

Industry	Number of Companies	Aggregate Market Value (\$)	Weight of Mkt Value
Information Technology	45	4,854,217,370,284	61%
Consumer Discretionary	24	1,836,670,735,080	23%
Health Care	20	738,377,842,048	9%
Consumer Staples	5	320,527,330,292	4%
Industrials	7	160,125,980,496	2%
Telecommunication Services	2	62,140,238,816	1%
Total	103	7,972,059,497,017	100%

Data as on 30<sup>th</sup> June 2018. Source: NASDAQ Economic Research based on the Industry Classification Benchmark (ICB) maintained by FTSE and Dow Jones Indexes.





# **NASDAQ-100 Index Performance : Relative**

Even in this tough economy, the NASDAQ-100 Index provides outperformance over the S&P 500 Index, the Dow Jones Index and Russel 2000 Index.

Period	NASDAQ-100 Index	S&P 500 Index	Dow Jones Index	Russell 2000 Index
1 Year	24.68%	12.17%	13.69%	16.09%
3 Year	16.98%	9.62%	11.26%	9.42%
5 Year	19.32%	11.09%	10.23%	10.94%
10 Year	14.37%	7.82%	7.89%	9.06%
Since Inception (1/31/85)	12.79%	8.46%	9.18%	8.29%



Price/Earnings	26.36
Dividend Yield	0.95
Volume	146.89 Million
Index Market Cap	\$ 8.16 Trillion
Divisor	1132.00
Currency	USD
Composite Volume	430.32 Million

Index past performance is not indicative of future results and is not representative of any particular investment product. Does not include dividends. As 30-day rolling annualized volatility. Volatility is annualized standard deviation of daily price returns. NDX is a modified-capitalization-weighted index. Component true market values are used. Returns are calculated on USD. Source: Bloomberg. Data as on 30<sup>th</sup> June 2018





# **NASDAQ-100 Fundamentals**

Calendar Year	CY 2009	CY 2010	CY 2011	CY 2012	CY 2013	CY 2014	CY 2015	CY 2016	CY 2017	CY 2018 Est	CY 2019 Est	CY 2020 Est
Valuation Metrics												
Price/Earnings	24.51	18.83	14.69	16.75	21.57	22.00	23.11	23.25	25.04	21.15	18.68	16.60
Price/Earnings, Positive	22.08	18.43	14.54	16.16	21.17	20.55	21.86	22.30	23.94	20.94	18.68	16.60
Price/Earnings before XO	31.64	18.74	14.68	16.86	21.39	22.04	23.84	24.18	28.44			
Price/Book Value	3.55	3.64	3.12	3.21	4.13	4.49	4.46	4.24	5.23	5.35	4.71	4.09
EV/Sales	2.29	2.23	1.86	2.01	2.71	2.86	2.94	2.95	3.48	3.45	3.17	2.93
EV/EBIT	20.34	12.92	10.01	11.67	15.79	15.94	16.85	17.75	19.68			
EV/EBITDA	13.67	10.08	8.01	9.12	11.92	11.74	12.68	12.66	14.41	12.92	11.74	10.63
Dividend Yield	0.66	0.70	1.02	1.39	1.27	1.28	1.17	1.24	1.05	1.01	1.11	1.29
Fundamentals												
Gross Margin	41.85	42.80	44.26	43.26	43.20	44.03	44.17	45.02	45.18			
Operating Margin	11.28	17.20	18.35	17.18	16.97	17.78	17.31	16.72	17.54			
Profit Margin	7.82	13.12	13.82	13.11	13.44	14.18	12.48	12.31	12.11			
Return on Assets	6.27	11.33	11.61	10.26	9.96	10.31	8.45	7.83	7.40	10.72	11.00	11.50
Return on Equity	12.30	21.49	22.72	20.60	20.55	22.87	19.20	18.86	18.47	24.70	26.11	29.89

Values Rebased to INR. All growth CAGR (Compounded Annualised Growth Rate). Source: Internal Analysis and Bloomberg. Past performance may or may not be achieved in the future.\*Data as of 28th February 2018





America's Darling Stocks: Even in this tough economy, the NASDAQ-100 provides outperformance over the S&P 500 Index. Period 31st Dec 2002 – 31st Dec 2017.

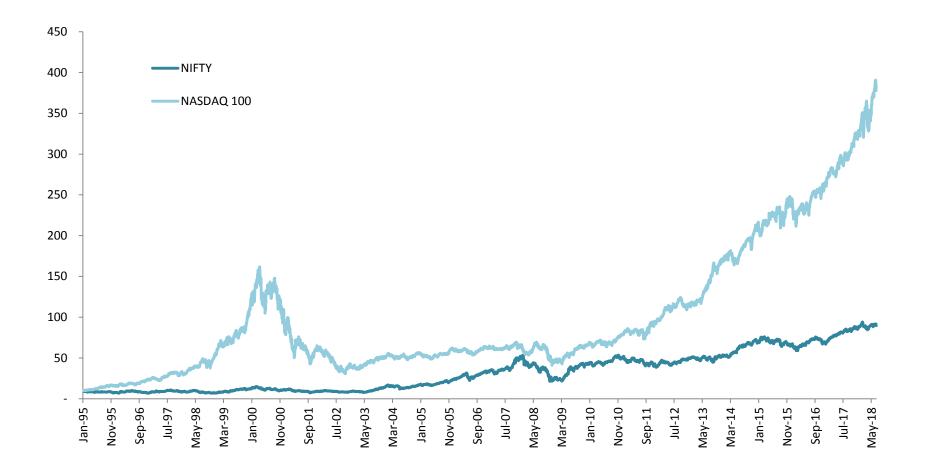
CAGR	NASDAQ-100	S&P 500 Index	NIFTY Index
1 Year	32.12%	18.86%	12.53%
2 Year	27.13%	14.60%	13.70%
3 Year	19.88%	12.34%	8.58%
4 Year	20.16%	12.13%	8.92%
5 Year	22.66%	14.20%	12.89%
7 Year	24.54%	17.87%	9.57%
10 Year	19.80%	12.94%	10.24%
15 Year	15.44%	9.87%	16.14%

CAGR: Compounded Annual Growth Rate. Source: Internal Analysis and Bloomberg Data – Values Rebased to INR. Data as on 30<sup>th</sup> June 2018. Past performance may or may not be achieved in the future





## Growth 1995 to 2018: CNX Nifty and NASDAQ-100 INDEX



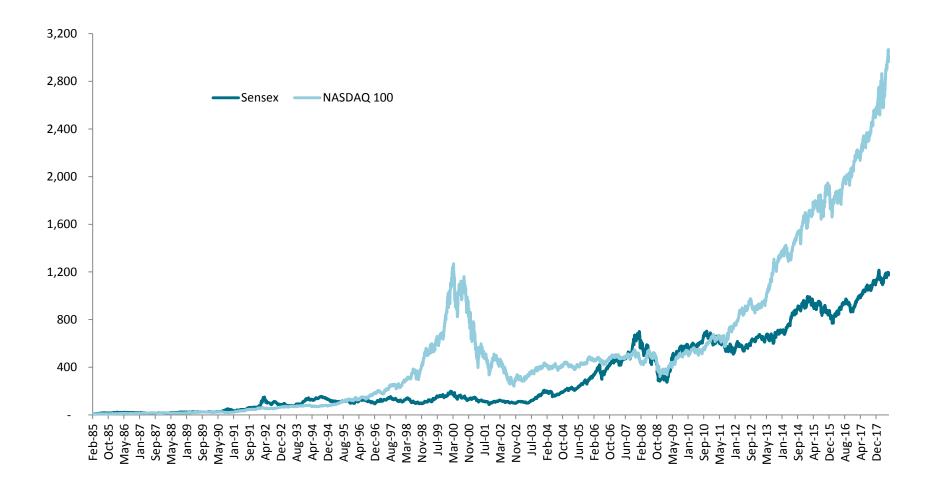
All Index values converted to applicable INR USD exchange rate and values rebased to INR 10000 on 1<sup>st</sup> Jan, 1995 Data Source: Bloomberg; Data as on 30th June 2018. Missing values for holidays taken as previous closing index values. Past performance may or may not be achieved in the future



MOTILAL OSWAL



# Growth 1985 to 2018: Sensex and NASDAQ-100 INDEX



All Index values converted to applicable INR USD exchange rate and values rebased to INR 10000 on 31<sup>st</sup> Jan, 1985. Data Source: Bloomberg; Data as on 30<sup>th</sup> June 2018. Missing values for holidays taken as previous closing index values Past performance may or may not be achieved in the future





# Low correlations over 10 years with all Indian segments

### **DIVERSIFY YOUR PORTFOLIO!**

			INDIA			US		EUR	OPE	ASIA-P	ACIFIC
S	Security	NIFTY 50	NIFTY MIDCAP 100	NIFTY NEXT 50	NASDAQ 100 STOCK	DOW JONES INDUS. AVG	S&P 500	DAX	FTSE 100	NIKKEI 225	HANG SENG (HIS)
	NIFTY 50	1.00									
INDIA	NIFTY MIDCAP 100	0.94	1.00								
	NIFTY NEXT 50	0.95	0.98	1.00							
	NASDAQ 100 STOCK	0.65	0.56	0.58	1.00						
US	DOW JONES INDUS. AVG	0.60	0.54	0.54	0.85	1.00					
	S&P 500	0.66	0.59	0.59	0.91	0.97	1.00				
	DAX	0.71	0.67	0.68	0.80	0.81	0.85	1.00			
Europe	FTSE 100	0.68	0.63	0.63	0.80	0.83	0.86	0.87	1.00		
	NIKKEI 225	0.64	0.63	0.64	0.70	0.69	0.73	0.77	0.72	1.00	
ASIA-PACIFIC	HANG SENG (HIS)	0.73	0.69	0.70	0.71	0.69	0.73	0.76	0.81	0.70	1.00

Correlation of monthly returns; Period - from Jun 2008 to Jun 2018. Source: Calculated from Bloomberg Data – NDX value rebased to INR. Correlation of 20 day rolling returns. Past correlations may not be observed in the future





# **Growth with diversification examples**

# Inherent diversification benefits with growth

### Facebook

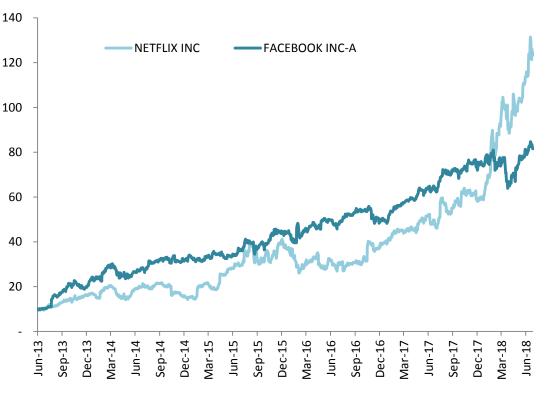
Facebook, Inc. operates a social networking website. The Company website allows people to communicate with their family, friends, and coworkers.

Facebook has grown 31 % p.a in the past 3 years and 51% p.a in the past 5 years.

### Netflix Inc. (E-Commerce Discretionary)

Netflix Inc. is an Internet subscription service for watching television shows and movies.

Netflix Inc. has grown 61% p.a CAGR in the past 3 years and 67% p.a CAGR in the past 5 years.





Past performance may or may not be achieved in the future. Source: Bloomberg Data as on 30<sup>th</sup> June 2018



# **Growth with diversification examples**

### Inherent diversification benefits with growth

### **NVIDIA Corp**

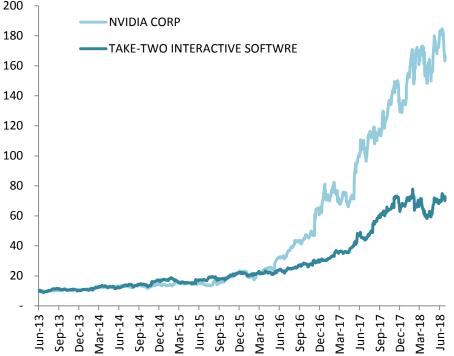
NVIDIA Corporation designs, develops, and markets three dimensional (3D) graphics processors and related software. The Company's products provide interactive 3D 16 graphics to the mainstream personal computer market.

NVIDIA Corp has grown 128% p.a in the past 3 years and 12 76% p.a in the past 5 years.

### Take-Two Interactive Software, Inc.

Take-Two Interactive Software, Inc. develops, markets, distributes, and publishes interactive entertainment software games and accessories. The Company's products are for console systems, handheld gaming systems and personal computers and are delivered through physical retail, digital download, online, and cloud streaming services..

Take-Two Interactive Software, Inc. has grown 63% p.a CAGR in the past 3 years and 51% p.a CAGR in the past 5 years.





Past performance may or may not be achieved in the future. Source: Bloomberg Data as on 30<sup>th</sup> June 2018



# Motilal Oswal NASDAQ 100 ETF



### 1. India's 1st US Equity based ETF

- a. Rupee denominated investment
- b. does not fall under foreign investment cap of \$200k.
- 2. Indian market hours access Motilal Oswal NASDAQ 100 trades during Indian market hours.
  - a. Real-time iNAV published

### 3. Investment:

- a. Passive Investing: no discretion with fund manager.
- b. Transparent portfolio.
- c. Listed on NSE and BSE.

### 4. A mutual fund scheme with the convenience of real time liquidity and prices

a. Low cost structure: Total Expense Ratio (TER) of 1% p.a.

Traditional investment products have TER > 2% p.a.

- a. No loads (no entry load, no exit load)
- 5. Taxed as 'investment other than equity oriented fund' (i.e. debt taxation with/without indexation benefits).
- 6. Fund Manager: Mr. Swapnil P. Mayekar
- 7. Mr. Mayekar has 10 years of experience in the financial services industry. He has been part of fund management & product development team for Motilal Oswal Asset Management Company Limited (Mutual Fund) for last 5 years. He has done his post-graduation in Commerce (Finance Management) from University of Mumbai.

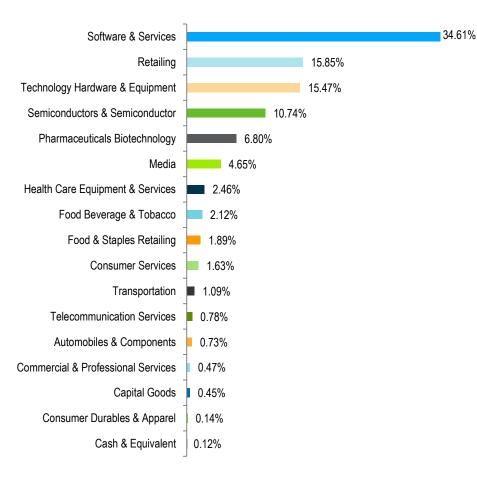




# Motilal Oswal NASDAQ 100 ETF Portfolio

### Sector Allocation

**Top 10 Holdings** 



Sr. No.	Name of Instrument	Weightage
1	Apple	11.40%
2	Amazon.com	10.34%
3	Microsoft Corporation	9.49%
4	Facebook	5.84%
5	Alphabet INC-Class C	4.88%
6	Alphabet INC-Class A	4.23%
7	Intel Corporation	2.90%
8	Cisco Systems	2.54%
9	Netflix	2.13%
10	Comcast Corporation	1.89%

Data as on 30<sup>th</sup> June 2018



Industry Classification is as per Global Industry Classification Standard (GICS).



# About Motilal Oswal NASDAQ 100 ETF

Scheme Name	Motilal Oswal NASDAQ 100 ETF (MOFN100)					
Type of Scheme	An open ended scheme replicating NASDAQ 100 Index					
	The Scheme seeks inv	estment return	ı that			
	corresponds (before f	ees and expens	es) generally to			
	the performance of th	ne NASDAQ-100	Index, subject to			
Investment Objective	tracking error. Howev	ver, there can b	e no assurance			
	or guarantee that the investment objective of the					
	Scheme would be achieved.					
Benchmark	NASDAQ-100 Index					
	On NSE & BSE: Investors can buy/sell units of the					
	Scheme in round lot of 1 unit and in multiples					
Continuous Offer	thereof.					
	Directly with the Mutual Fund: Investors can buy/sell					
	units of the Scheme only in creation unit size i.e.					
	100,000 units and in multiples thereafter					
NSE Symbol/BSE Code	N100	ISIN Code	INF247L01031			
Bloomberg Code	MOSTNDX	Entry Load	N. A.			

N100.NS or N100.BO

Exit Load

NIL

Date of Allotment	March 29 2011
NAV (INR)	Rs 473.1472
Latest AUM (28 <sup>th</sup> February 2018)	Rs 80.84 crore
Tracking Error*	0.15%(Annualised)
Total Expense Ratio^	1.50% p.a.
Standard Deviation	13.82 (Annualised)
Sharpe Ratio#	0.96 (Annualised)
Portfolio Turnover Ratio	0.12
Beta	0.97

\*Against the benchmark with NASDAQ 100 Total Return Index

^Year-to-date

# Risk free returns based on 365-days T bill cut-off of 6.25% as on the last auction. (Data as on 28th February 2018)





**Reuters** Code

# Disclaimer

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Ongoing Basis, On the Exchange: The units of the Scheme are proposed to be listed on the Capital Market Segment of National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Ltd. (BSE). On the Exchange, the units of the Scheme can be purchased/sold in minimum lot of 1 unit and in multiples thereafter. Directly with the Fund: The minimum number of units of the Scheme that investors can create/redeem in exchange of portfolio deposit and cash component is 100,000 units and in multiples thereof. Face Value & Issue Price: Offer of units having face value of Rs. 10/- per unit for cash at a premium approximately equal to the difference between the face value of Rs. 10/- each and allotment price i.e. 1/1000<sup>th</sup> of the value of NASDAQ-100 Index during the New Fund Offer and at NAV based prices during continuous offer. Investor Benefits and General Services: During continuous offer, sale and redemption of units of the Scheme would be at NAV based prices on all business days. NAVs to be declared on all business days. Risk Factors: (1) All Mutual Funds and securities investments are subject to market risks and there can be no assurance that the Scheme's objectives will be achieved (2) As the price/value/interest rates of the securities in which the Scheme invests fluctuates, the Net Asset Value (NAV) of the Scheme may go up or down depending upon the factors and forces affecting the securities market (3) Past performance of the Sponsor/AMC/Mutual Fund and its affiliates does not indicate the future performance of the Scheme and may not provide a basis of comparison with other investments (4) Motilal Oswal NASDAQ 100 ETF (MOFN100) is only the name of the Scheme and does not in any manner indicate either the quality of the Scheme, its future prospects and returns. Investors are therefore urged to study the terms of offer carefully and consult their Investment Advisor before they invest in the Scheme (5) The Sponsor is not responsible or liable for any loss or shortfall resulting from the operation of the Mutual Fund beyond the initial contribution made by it of an amount of Rs. 1 Lac towards setting up of the Mutual Fund (6) The present Scheme is not a guaranteed or assured return Scheme. (7) Investment in the scheme shall be subject to various other risk factors including but not limited to risk associated with investment in foreign securities, derivatives, currency risk, exchange rate risk, tracking error risk, etc. Disclaimer of NASDAQ-100: NASDAQ®, OMX®, NASDAQ OMX®, NASDAQ-100®, and NASDAQ-100 Index<sup>®</sup>, are registered trademarks of The NASDAQ OMX Group, Inc. (which with its affiliates is referred to as the "Corporations") and are licensed for use by MOAMC. 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