## Mirae Asset NYSE FANG+ ETF

(An open-ended scheme replicating/tracking NYSE FANG+ Total Return Index)

## Mirae Asset NYSE FANG+ ETF Fund of Fund

(An open-ended fund of fund scheme predominantly investing in Mirae Asset NSE FANG+ ETF)

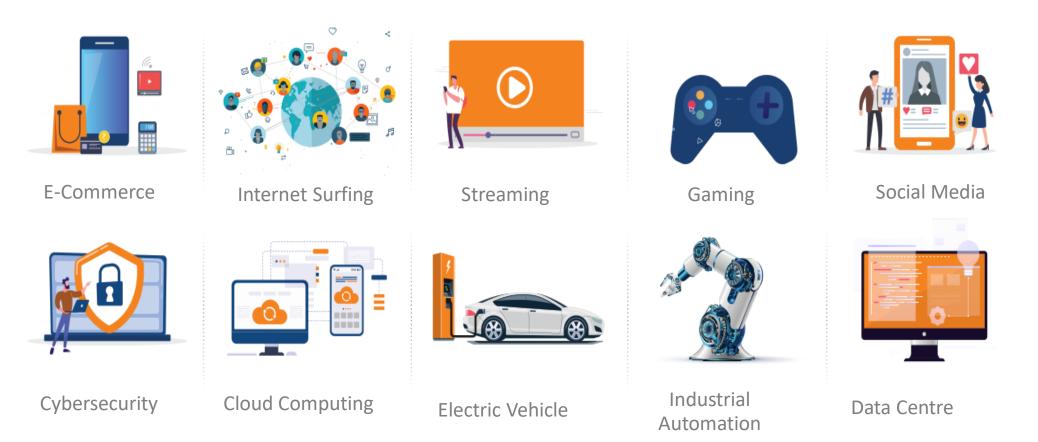


#### **NYSE FANG+ Index: Opportunity to take focused exposure in global innovation leaders**



Single portfolio that potentially capture today's global innovation leader

## **NYSE FANG+ Index: Companies that capture the current mega-trends**



Megatrends are structural shifts that are long term in nature and are transformative force that has potential to change global economy, business and society.

#### **NYSE FANG+ Index: Geared for the future**

## List of Top 50 most innovative Companies for Year 2020

Rank	Company	HQ
1	Apple	<b>United States</b>
2	Alphabet	<b>United States</b>
3	Amazon	<b>United States</b>
4	Microsoft	<b>United States</b>
5	Samsung	South Korea
6	Huawei	China
7	Alibaba	China
8	IBM	<b>United States</b>
9	Sony	Japan
10	Facebook	<b>United States</b>
11	Tesla	<b>United States</b>
12	Cisco Systems	<b>United States</b>
13	Walmart	<b>United States</b>
14	Tencent	China
15	HP Inc.	<b>United States</b>
16	Nike	<b>United States</b>
17	Netflix	<b>United States</b>
18	LG Electronics	South Korea
19	Intel	<b>United States</b>
20	Dell	United States

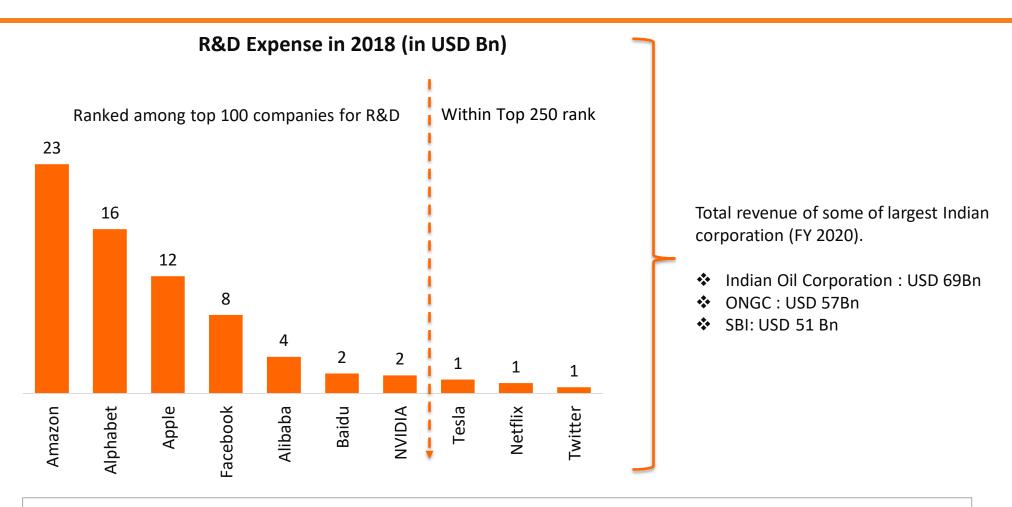
# List of companies that have made to top 50 list more than ten times

> Apple Cisco Alphabet > 3M Amazon **≻** GE Facebook > Intel ➢ HP Nike > IBM > Procter & Gamble Microsoft Daimler > Dell Samsung > Toyota Siemens > BMW Walmart

7 out of 10 companies forming part of NYSE FANG+ Index have made it to the list of top 50.

4 of these companies are hailed as serial innovators ( > 10 times)

#### Focused to be a serial innovator & disruptor with an aim for excellence

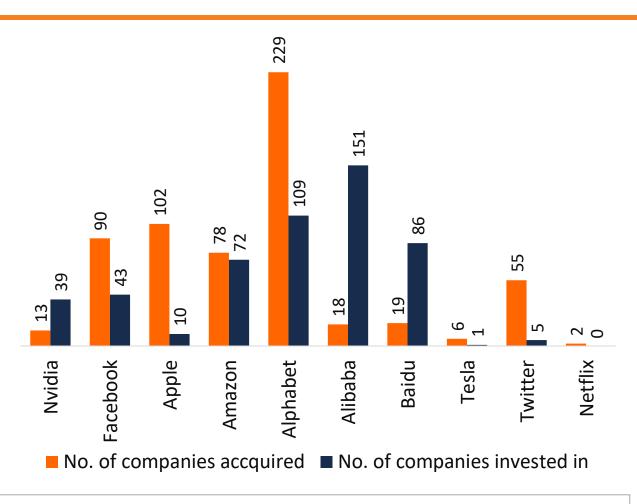


Relentless focus on innovation may enable these companies to dominate in future too

#### Focused to keep an eye on external opportunity and threat

Company	Amount Spend
Nvidia	USD 48Bn
Facebook	USD 26Bn
Apple	USD 26Bn
Amazon	USD 25Bn
Alphabet	USD 21Bn
Alibaba	USD 20Bn
Baidu	USD 6Bn
Tesla	USD 3Bn
Twitter	USD 1Bn
Netflix	-
Total	USD 176Bn

Total market cap of Reliance Industries Limited is USD 181Bn as on Feb 26, 2021

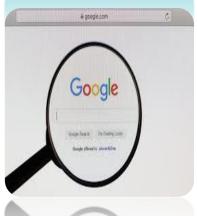


Along with Research & Development (R&D), FANG+ constituents are keeping an eye on potential opportunities and threat to their businesses

## Disruption change but producers of the disruption are constant: NYSE FANG+ Index

#### Things that changed our lives in the past









#### Things that are shaping our future



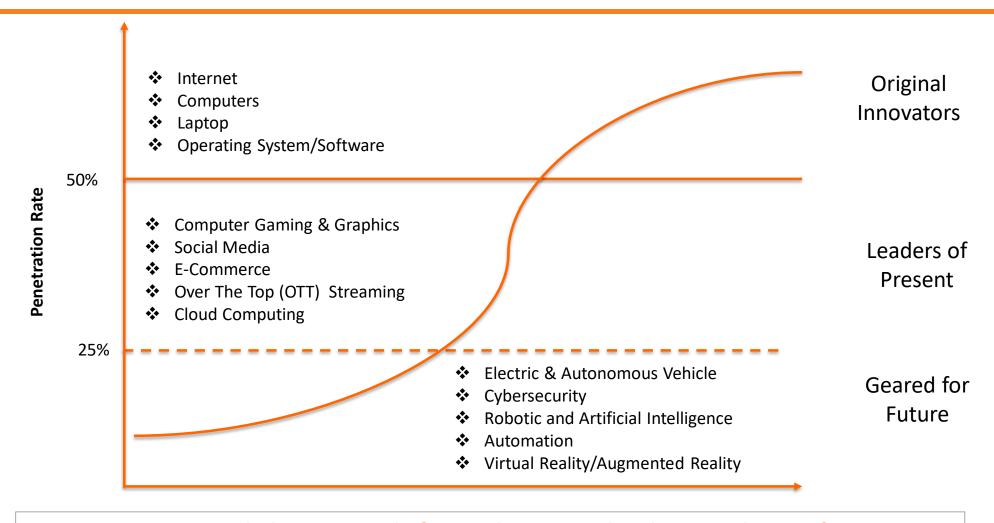






In past, present or future, FANG+ companies were and are likely to be at the forefront of disruptive technologies

#### NYSE FANG+ Index: At forefront of innovation then and now



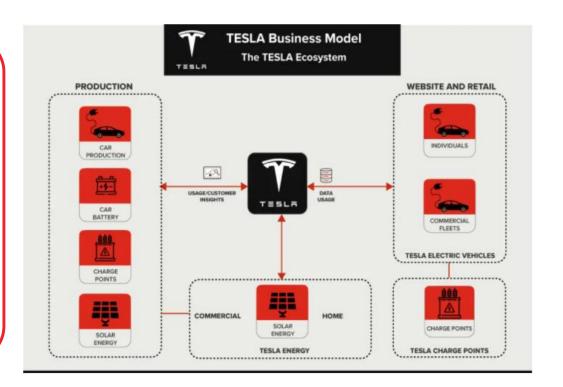
FANG+ companies led innovation before and are geared and may to do so in future too

#### FANG+ Stocks: Doing more than you think!

## **Alphabet**

- Google
- Clouds
- Maps
- Android
- YouTube
- Pixel
- Nest
- Chromebook

- Google Venture
- Calico
- Waymo
- Fiber
- Sidewalk Labs
- Deep Mind
- Verily
- Project Wing



Companies like Alphabet are focusing on other bets to find its next big revenue stream.

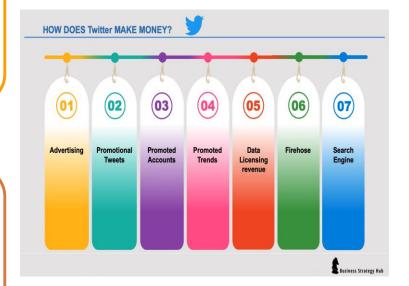
## FANG+ Stocks: Doing more than you think!

## amazon

- MUSIC
- Logistics
- Mobile Payment E-Commerce
- Cloud Storage
- Game Streaming
- Streaming
- Movie Review
- E-Readers
- **Smart Homes**



- Small Business E-commerce
- C2C Online Market Place
- B2C Online Market Place
- B2B Online Market Place
- Shopping Search Engine
- **Cloud Computing**
- Internet Portal
- Online Payment

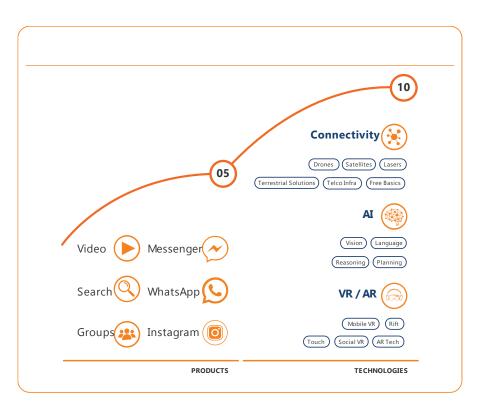


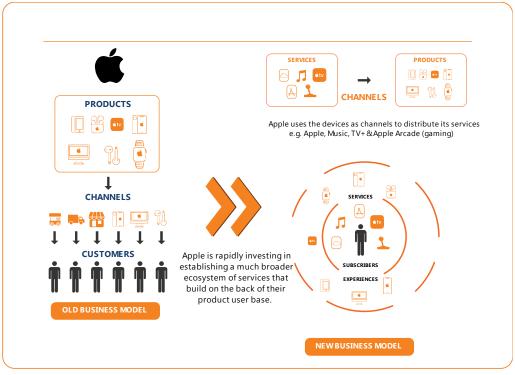
Amazon and Alibaba are global giants of e-commerce with steady focus on other revenue streams too.

## FANG+ Stocks: Doing more than you think!

#### Facebook 5 & 10 Year roadmap

#### Apple shifting from products to services





Facebook and Apple are diversifying at an accelerated pace from their existing product line

#### Trans-generational companies across existing and emerging themes

The total market cap of NYSE FANG + Index is almost 3 times of Indian equites listed on BSE



**Technology – 50%** 

#### **Combined Market Cap of USD 8.1Tn**



#### Power of 10: The combined power of NYSE FANG+ Index constituents

Market Cap \$8.8 Tn

Could have been 03<sup>rd</sup> largest country in terms of GDP

Revenue \$1.09 Tn

3x of Indian government total receipt FY 2019 -2020

Cash \$500 Bn

85% of total forex reserve held by RBI in 2020

Net Income \$179 Bn

Exceeds combined net income of all Indian equities

FANG+ stocks captures growth and scale across multiple parameters

## Part of your life today & Geared to remain part of your life tomorrow









Why not make all these companies part of your portfolio?















Why Indian Investors need to look beyond India?

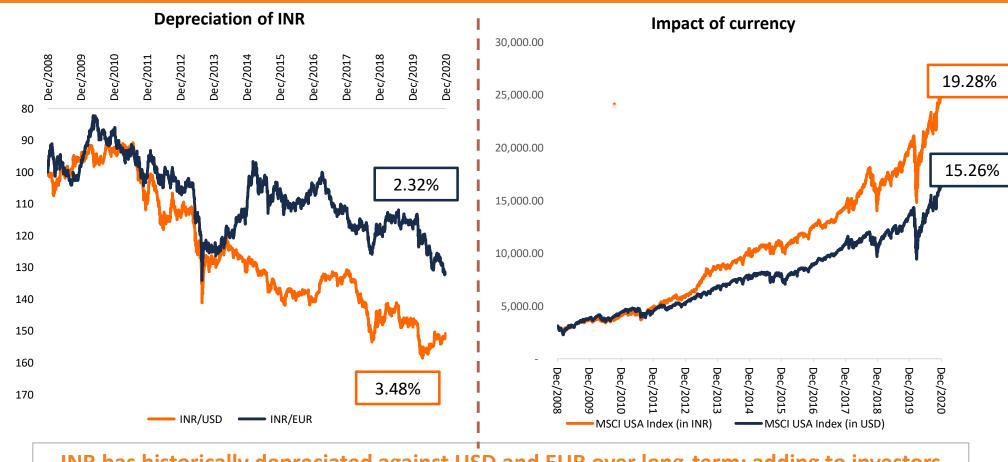


## Winners keep on rotating across the geographies

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
USA	India	USA	India	USA	USA	China	USA	USA	China
21%	32%	50%	28%	6%	14%	45%	4%	34%	33%
World	China	World	USA	World	World	Asia	World	World	Asia
13%	27%	44%	16%	4%	11%	34%	0%	31%	28%
Europe	Asia	Europe	China	Europe	Asia	India	India	Europe	USA
6%	26%	42%	11%	2%	8%	30%	0%	27%	24%
Asia	Europe	China	World	India	China	Europe	Asia	China	World
-1%	23%	17%	8%	0%	4%	19%	-6%	26%	19%
China	World	Asia	Asia	China	Europe	World	Europe	Asia	India
-3%	20%	17%	8%	-3%	3%	16%	-6%	21%	11%
India	USA	India	Europe	Asia	India	USA	China	India	Europe
-20%	19%	15%	-4%	-5%	-1%	15%	-11%	8%	9%

India is not the only country that has performed better across the globe

## Depreciation of INR adds to the return

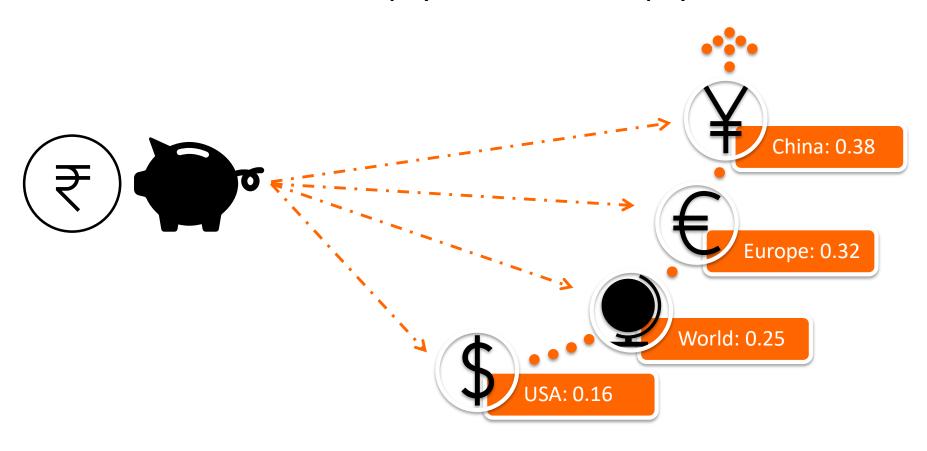


INR has historically depreciated against USD and EUR over long-term; adding to investors return. When INR depreciates the value of foreign asset increases and vice-versa

Source: Bloomberg, based on MSCI country Indices (Large cap + Midcap); Exchange rates as published by FBIL are used. Past performance may or may not sustain in future. The index return are in Total Return Variant. The data shown above pertains to the Index and does not in manner indicate performance of any scheme of the Fund. IF INR appreciates against the currency in which investments are made then the value of foreign asset declines as a result of which the fund investing in such foreign asset will also bear the impact of it.

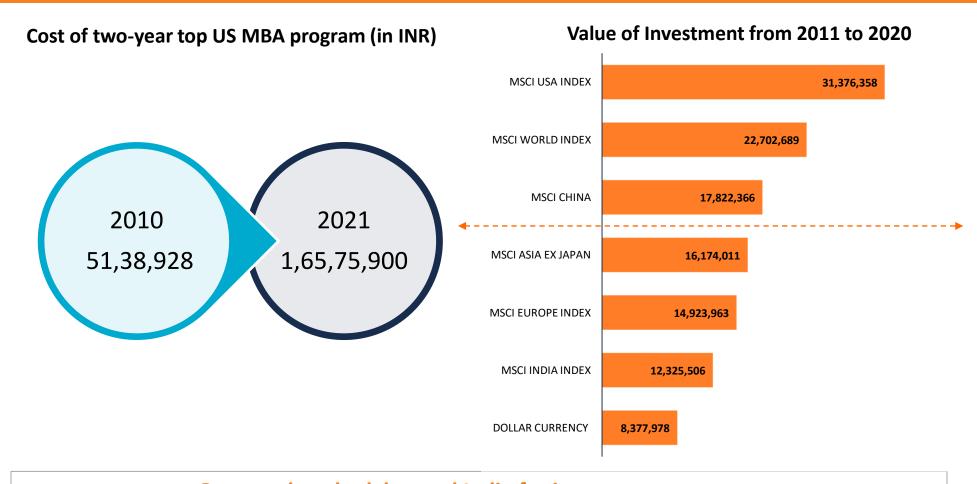
## Diversify your investment across the globe

#### **Correlation of Indian equity returns with other equity markets**



Lower correlation can lead to diversification of country risk.

#### Potential wealth Creation through international exposure



One needs to look beyond India for investment exposure

# Mirae Asset NYSE FANG+ ETF and ETF FOF Offerings



#### **About NYSE FANG+ Index**

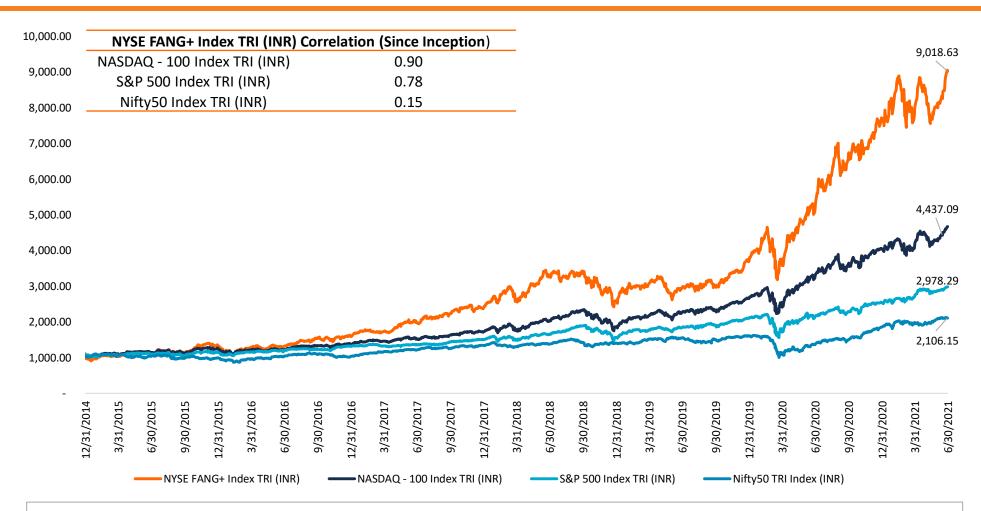
The NYSE FANG+ Index is an equal weighted Index designed to represent a segment of the technology and consumer discretionary sectors consisting of highly-traded growth stocks.

#### ➤ Initial Universe:

- All stocks classified as Consumer Discretionary or Technology
- Listed on a major U.S. stock exchange
- Representative of the high-growth technology and internet/media Industry.
- Full market capitalization of at least USD\$ 5billion and
- Trailing daily traded volume of USD\$ 50million
- > ICE Data Indices Governance Committee will oversee a process to select FANG (Facebook, Amazon, Netflix and Google) and FANG-related stocks.
- > Stocks selected for the Index should exhibit characteristics of high-growth technology and internet/media stocks.
- ➤ The Committee will focus on distinguishing between traditional technology and services companies and newer, innovative, technology-utilizing companies.

Source: NYSE FANG+ Index methodology

## **NYSE FANG+ Index has outperformed with lower correlation**



NYSE FANG+ Index has historically outperformed S&P 500 Index and NASDAQ 100 Index.

Also it has exhibited lower correlation with Nifty50 Index

Source: Bloomberg data as on June 30, 2021; Exchange rate of FBIL are used for conversion of index value from USD to INR. Past performance may or may not sustain in future. The index return are in Total Return Variant. The data shown above pertains to the Index and does not in manner indicate performance of any scheme of the Fund.

## **NYSE FANG+ Index periodic performance**

Particular	Index	SI	5 Years	3 Years	2 Years	1 Years	6 months	3 months
	NYSE FANG+ Index	38.3%	47.0%	40.1%	75.5%	74.0%	17.2%	13.6%
Return in	NASDAQ - 100 Index	25.5%	30.7%	32.1%	44.2%	42.1%	15.4%	12.7%
INR (in %)	Nifty50 Index	11.6%	15.1%	15.0%	16.8%	54.6%	13.2%	7.5%
	INR/USD	3.0%	1.9%	2.7%	3.9%	-1.6%	1.8%	1.1%
Diele	NYSE FANG+ Index	26.7%	28.0%	32.4%	33.5%	30.3%	29.8%	21.9%
Risk (Standard	NASDAQ - 100 Index	21.6%	22.7%	26.9%	28.9%	23.2%	22.1%	17.6%
deviation) in	Nifty50 Index	17.4%	18.1%	21.7%	24.9%	16.8%	17.8%	14.2%
INR (in %)	INR/USD	5.0%	5.1%	5.7%	5.0%	4.5%	4.5%	4.8%
	NYSE FANG+ Index	1.4	1.7	1.2	2.2	2.4	0.6	0.6
Return to Risk	NASDAQ - 100 Index	1.2	1.4	1.2	1.5	1.8	0.7	0.7
Ratio	Nifty50 Index	0.7	0.8	0.7	0.7	3.3	0.7	0.5
	INR/USD	0.6	0.4	0.5	0.8	-0.3	0.4	0.2

NYSE FANG+ Index on risk-adjusted basis has outperformed S&P500 Index and NASDAQ-100 Index

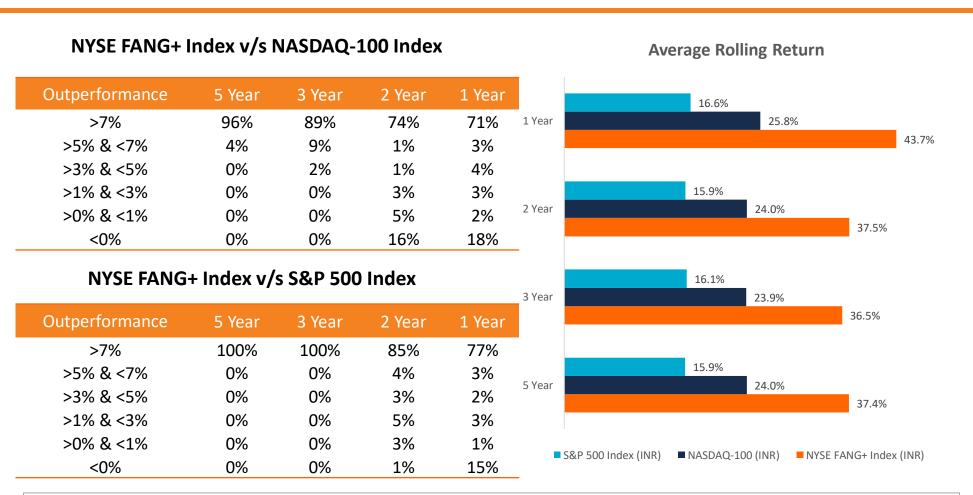
Source: Bloomberg data as on June 30, 2021; Exchange rate of FBIL are used for conversion of index value from USD to INR. Past performance may or may not sustain in future. The index return are in Total Return Variant. The data shown above pertains to the Index and does not in manner indicate performance of any scheme of the Fund. Risk is nothing but computed as annualized standard deviation of daily return observation for specific investment horizon for all the indices using their INR total return variant.

## **NYSE FANG+** Index calendar year performance

Particular	Index	2014	2015	2016	2017	2018	2019	2020	2021
	NYSE FANG+ Index	-2.2%	36.2%	18.8%	49.3%	9.5%	42.9%	108.2%	17.2%
Return in	NASDAQ - 100 Index	8.0%	14.9%	9.9%	25.1%	9.2%	42.4%	52.6%	15.4%
INR (in %)	Nifty50 Index	2.1%	-3.0%	4.4%	30.3%	4.6%	13.5%	16.1%	13.2%
	INR/USD	4.2%	4.7%	2.5%	-5.9%	9.2%	2.1%	2.5%	1.8%
	NYSE FANG+ Index	21.7%	21.8%	21.5%	16.3%	29.5%	23.0%	39.8%	29.8%
Risk in	NASDAQ - 100 Index	16.1%	17.8%	16.1%	10.2%	22.7%	16.3%	36.3%	22.1%
INR (in %)	Nifty50 Index	21.5%	21.3%	21.7%	16.9%	29.9%	23.5%	39.6%	17.8%
	INR/USD	16.6%	17.4%	16.2%	11.3%	23.3%	16.7%	36.1%	4.5%
	NYSE FANG+ Index	-0.1	1.7	0.9	3.0	0.3	1.9	2.7	0.6
Return to Risk	NASDAQ - 100 Index	0.5	0.8	0.6	2.5	0.4	2.6	1.4	0.7
Ratio	Nifty50 Index	0.1	-0.1	0.2	1.8	0.2	0.6	0.4	0.7
	INR/USD	0.2	0.3	0.2	-0.5	0.4	0.1	0.1	0.4

NYSE FANG+ Index has outperformed S&P500 Index and NASDAQ 100 Index on risk-adjusted and absolute return basis in 6 out of 8 calendar years

## **NYSE FANG+ Index performance for rolling return period**



NYSE FANG+ Index has historically outperformed S&P500 Index and NASDAQ 100 Index on rolling return basis across the investment horizon

Source: Bloomberg data as on June 30, 2021; Exchange rate of FBIL are used for conversion of index value from USD to INR. Past performance may or may not sustain in future. The index return are in Total Return Variant. The data shown above pertains to the Index and does not in manner indicate performance of any scheme of the Fund.

## **NYSE FANG+ Index sector and stock weighing**

GICS Industry Classification	Weight (in %)
Interactive Media & Services	40.5
Internet & Direct Marketing Retail	19.3
Entertainment	9.9
Semiconductors & Semiconductor Equipment	10.1
Technology Hardware, Storage & Peripherals	9.9
Automobiles	10.3

Stock Name	Weight (in %)
Twitter Inc	10.6%
Baidu Inc.	10.3%
Tesla Inc	10.3%
Nvidia Corp	10.1%
Alibaba Group	10.1%
Netflix Inc.	9.9%
Facebook Inc.	9.9%
Apple Inc.	9.9%
Alphabet Inc.	9.6%
Amazon.com Inc.	9.3%

- The periodical rebalancing occurs quarterly
- ➤ Weight of each index constituents is set at 10% (equal weigh) on the date of rebalancing
- > Between the two-rebalancing quarter, the weight of each index constituents may drift due to price movement observed for each stock.

The Index potentially aims to provide focused exposure to FANG+ Stocks

## Are FANG+ Index constituents valued high?

#### **NYSE FANG+ Index constituents**

Stock Name	12M Forward P/E
Alibaba	23.4x
Alphabet	25.0x
Amazon	49.7x
Apple	26.9x
Baidu	22.6x
Facebook	23.5x
Netflix	49.1x
Nvidia Corp	49.5x
Tesla	135.6x
Twitter	83.1x

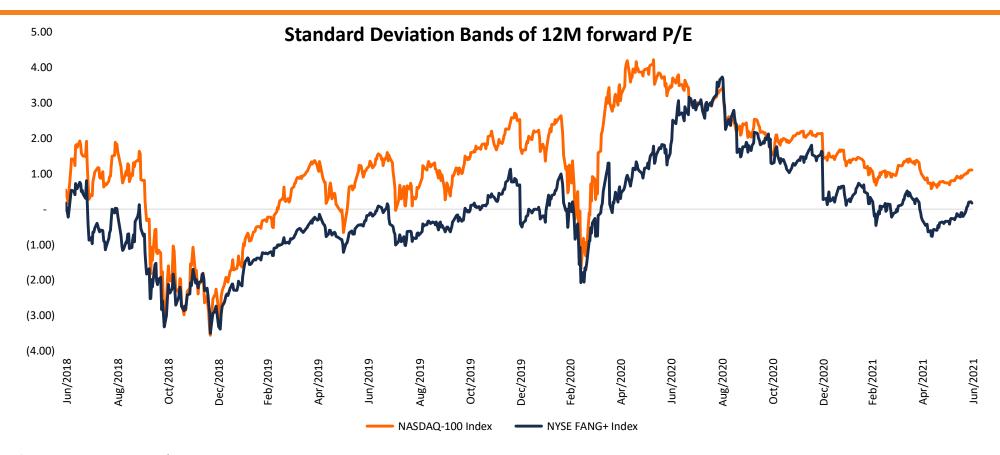
#### Nifty50 Index constituents (Top 10)

Stock Name	12M Forward P/E
HDFC LIFE	84.6x
<b>ASIAN PAINTS</b>	74.0x
TITAN	73.2x
NESTLE	64.6x
TATA CONSUMER	59.1x
HINDUSTAN UNILEVER	58.7x
SBI LIFE INSURANCE	49.2x
BHARTI AIRTEL	46.0x
BRITANNIA	45.0x
DIVI'S LAB	43.9x

- > 12M forward P/E of FANG+ constituents are relatively lower than India's highest P/E stock forming part of Nifty50 Index.
- Consumer durable and consumer staple in India are continues to have high P/E

Source: Data as on June 30, 2021, The GICS classification is based on NYSE FANG+ data. NYSE FANG+ Index methodology. The sector(s)/stock(s)/issuer(s) mentioned in this presentation do not constitute any research report/recommendation of the same and the Fund may or may not have any future position in these sector(s)/stock(s)/issuer(s).

## Are FANG+ Index constituents valued high?



- $\triangleright$  12M forward P/E of NYSE FANG+ Index stands at 35x (0.17 $\sigma$ ) whereas its historical average over last three year stands at 34.11x.
- > 12M forward P/E of NASDAQ-100 Index stands at 29.62x (1.10σ) whereas its historical average over last three year stands at 24.27x.

## Why invest in Mirae Asset NYSE FANG+ ETF and Fund of Fund?

- ✓ Focused and equal weighted exposure in innovative high growth technology, internet and media stocks.
- ✓ Portfolio of companies which are geared to participate in future technology disruptions
- ✓ Provides passive international exposure predominantly to US markets at low cost
- ✓ Provides avenue to benefit also from INR depreciation
- ✓ Has delivered better Returns and Risk adjusted returns than NIFTY 50 Index and NASDAQ 100 Index in the long run

## Annexure



#### **Disclaimers**

BSE/NSE Disclaimer: Every person who desires to apply for or otherwise acquires any unit of this Fund may do so pursuant to independent inquiry, investigation and analysis and shall not have any claim against the Exchange whatsoever by reason of any loss which may be suffered by such person consequent to or in connection with such subscription/ acquisition whether by reason of anything stated or omitted to be stated herein or any other reason whatsoever

Statutory Details: Trustee: Mirae Asset Mirae Mirae Asset Mirae Mirae Mirae Mirae Mirae Mirae Mirae Mirae Mirae Mi Global Investments Company Limited.

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Mutual fund investments are subject to market risks, read all scheme related documents carefully.

For further information about other schemes (product labelling and performance of the fund) please visit the website of the AMC: www.miraeassetmf.co.in

Please consult your financial advisor before investing

#### Product Labelling

#### Mirae Asset NYSE FANG + ETF is suitable for investors who are seeking\*

- Returns that are commensurate with the performance of NYSE FANG+ Total Return Index, subject to tracking error and foreign exchange movement
- Investments in equity securities covered by NYSE FANG+ Total Return Index

# Riskometer Investors understand that their principal will be at Very High Risk

#### Product Labelling\_

Mirae Asset NYSE FANG+ ETF Fund of Fund is suitable for investors who are seeking\*

- To generate long term capital appreciation/income
- Investments predominantly in units of Mirae Asset NYSE FANG + ETF



\*Investors should consult their financial advisers if they are not clear about the suitability of the product

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