## Mirae Asset NYSE FANG+ ETF

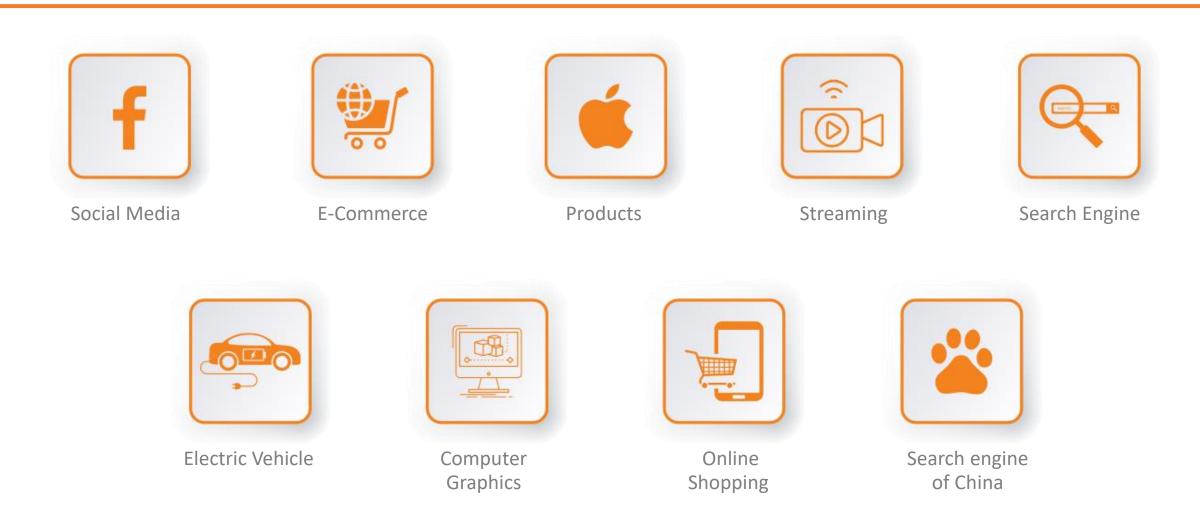
(An open-ended scheme replicating/tracking NYSE FANG+ Total Return Index)

## Mirae Asset NYSE FANG+ ETF Fund of Fund

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

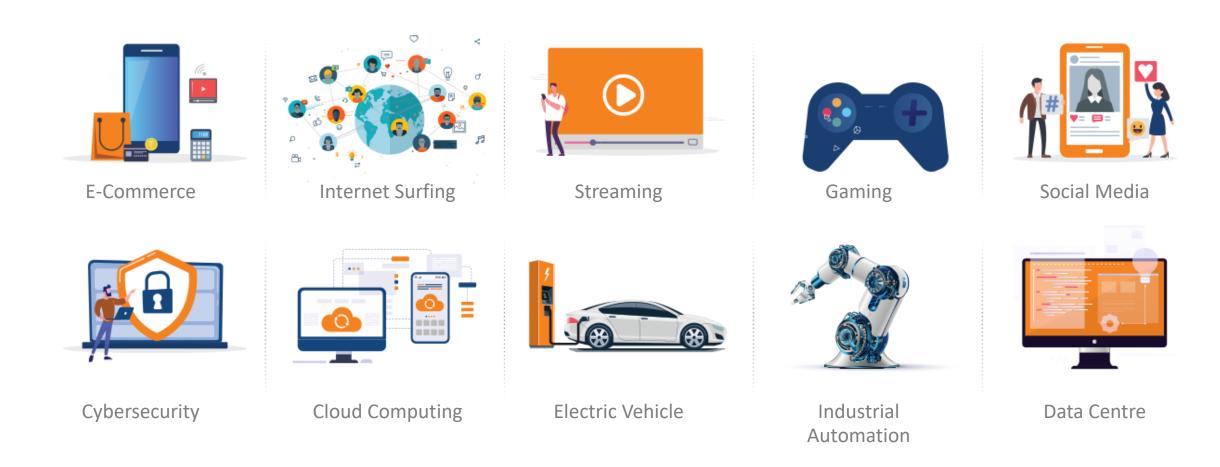


## FANG+: Opportunity to take focused exposure in global innovation leaders



Single portfolio that potentially capture today's global innovation leader

## **FANG+**: 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.

## **FANG+**: Seeking to gear for the future

	List of Top 50 most innovative Companies for Year 2020						
Rank	Company	HQ	Rank	Company	HQ		
01	Apple	<b>United States</b>	11	Tesla	United States		
02	Alphabet	<b>United States</b>	12	Cisco Systems	United States		
03	Amazon	<b>United States</b>	13	Walmart	United States		
04	Microsoft	United States	14	Tencent	China		
05	Samsung	South Korea	15	HP Inc.	United States		
06	Huawei	China	16	Nike	United States		
07	Alibaba	China	17	Netflix	United States		
08	IBM	United States	18	LG Electronics	South Korea		
09	Sony	Japan	19	Intel	United States		
10	Facebook	<b>United States</b>	20	Dell	United States		

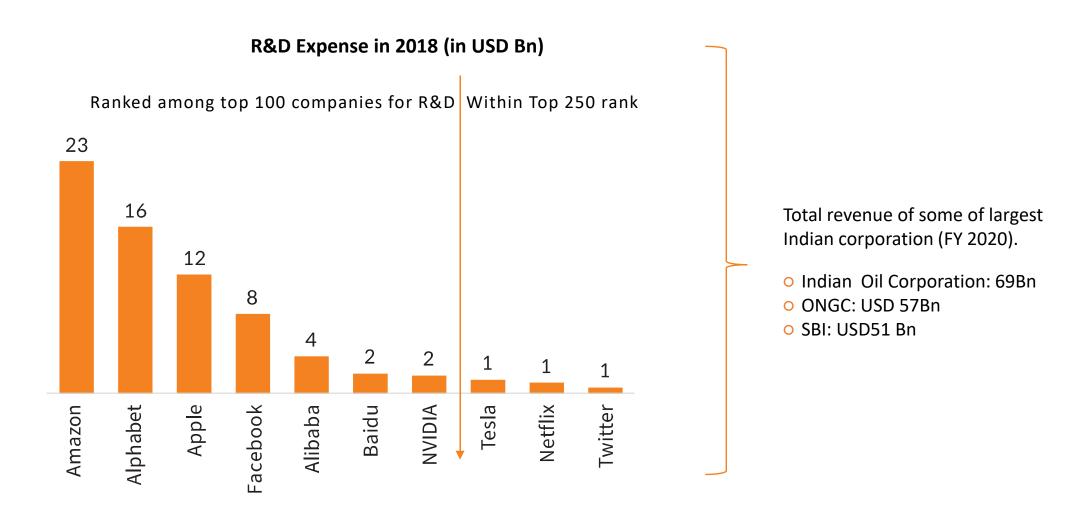
	nies that have made more than ten times
Apple	Cisco

Apple	Cisco
Alphabet	> 3M
Amazon	➢ GE
Facebook	Intel
➢ HP	Nike
> IBM	Procter & Gamble
Microsoft	Daimler
Samsung	Dell
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 and disruptor with an aim for excellence

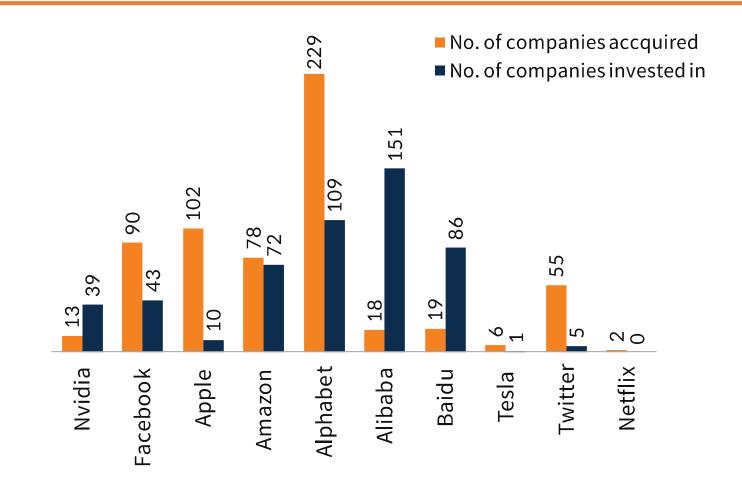


Relentless focus on innovation may enable these companies to dominate in future too

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

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

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



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

# Disruptions change but producer of the disruptions are constant: NYSE FANG+ Index

Things that changed our lives in the past













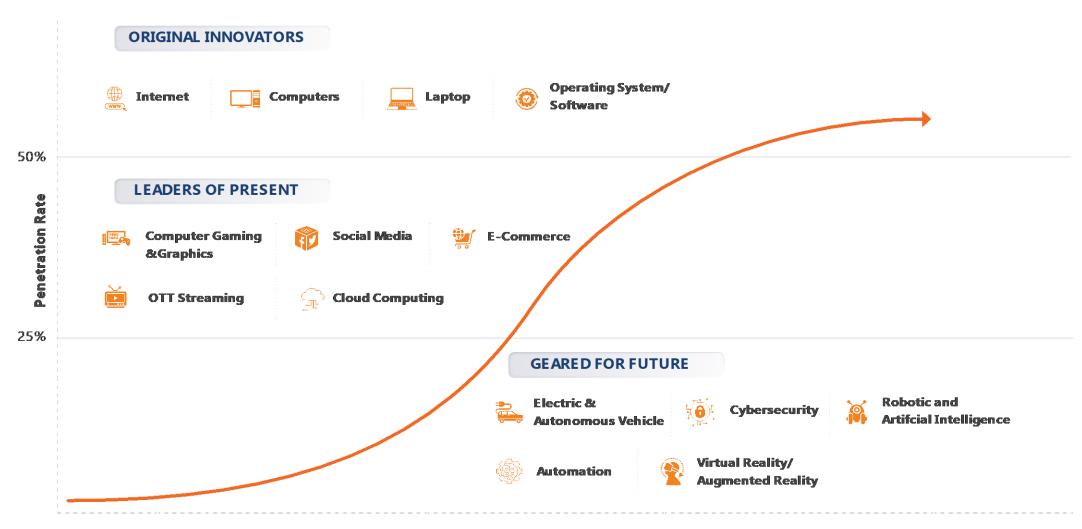






In past, present or future, FANG+ companies were and are likely to be at the forefront of disruptive technologies

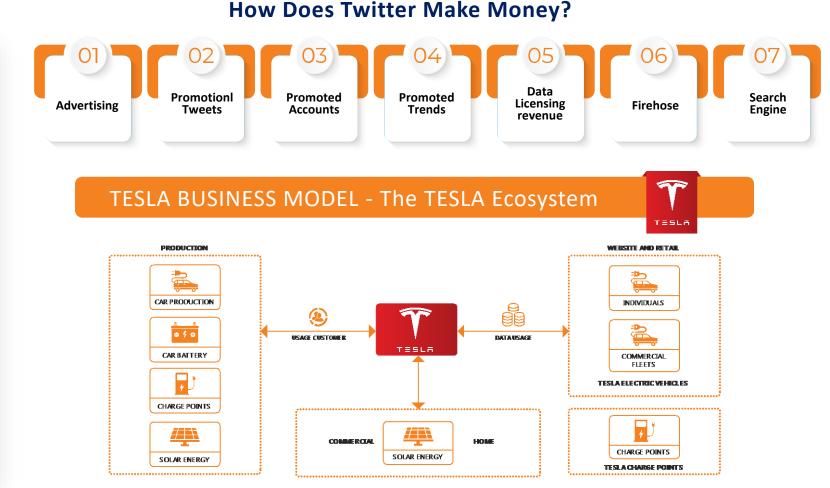
#### NYSE FANG+ Index: At forefront of innovation then and now



FANG+ companies caused disruption before and are geared to do it in future too

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

#### **Alphabet** Google Venture Google Clouds Calico Maps Waymo Android > Fiber YouTube Sidewalk Labs Pixel Deep Mind Nest Verily Chromebook Project Wing



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

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





MUSIC



Logistics



Mobile Payment



**Cloud Storage** 



**Game Streaming** 



**E-Commerce** 



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** 



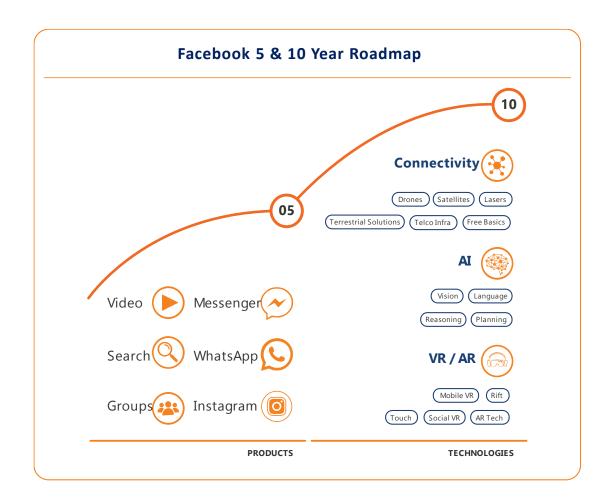
Internet Portal

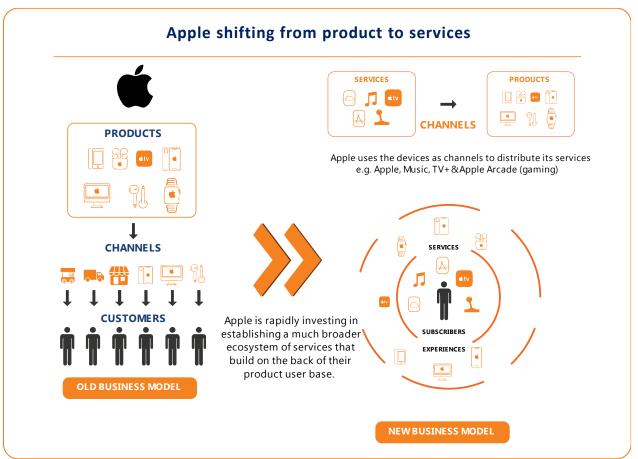


Online Payment

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

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

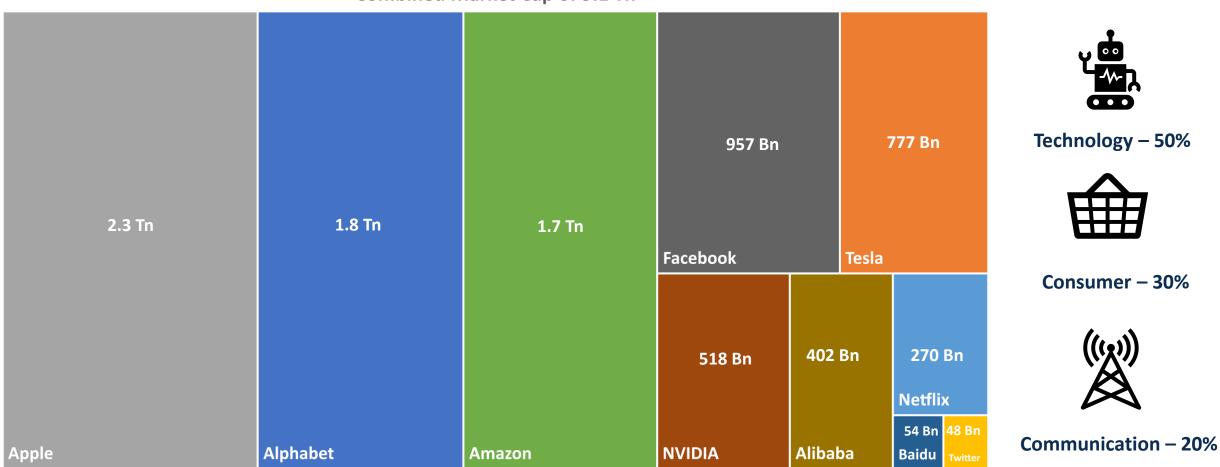




Facebook and Apple both are diversifying at accelerated pace from their existing product line

## Trans-generational companies across existing and emerging themes





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

Market Cap \$9.1 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

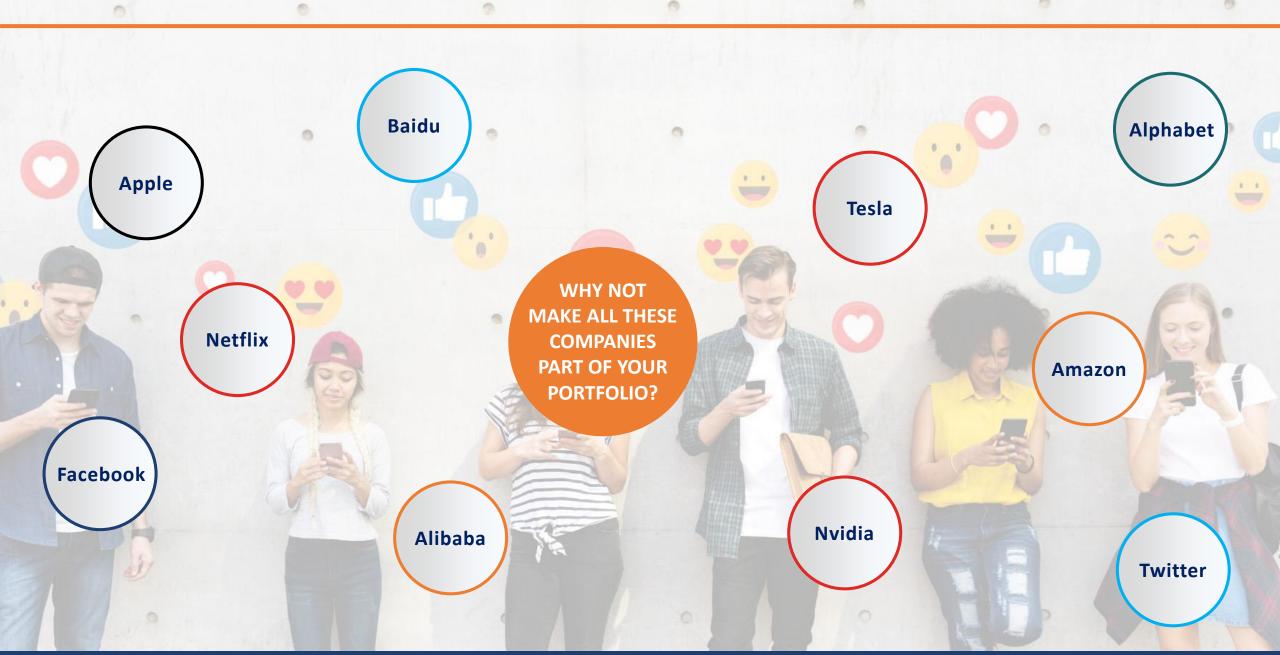
Cash \$500 Bn

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 and geared to remain part of your life tomorrow



Why Indian Investors need to look beyond India?



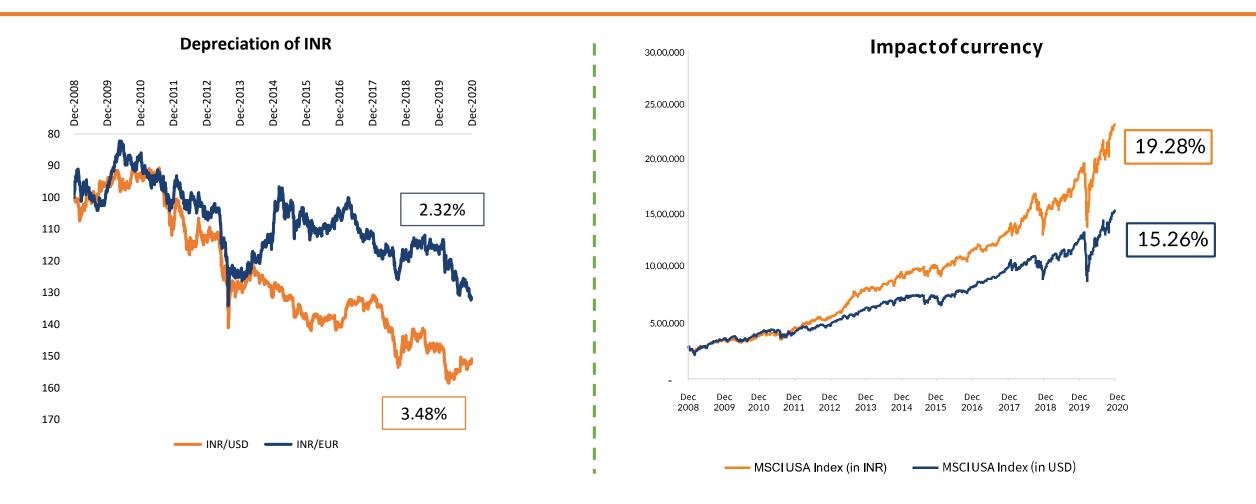


## Winners keep on rotating across the geographies

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**

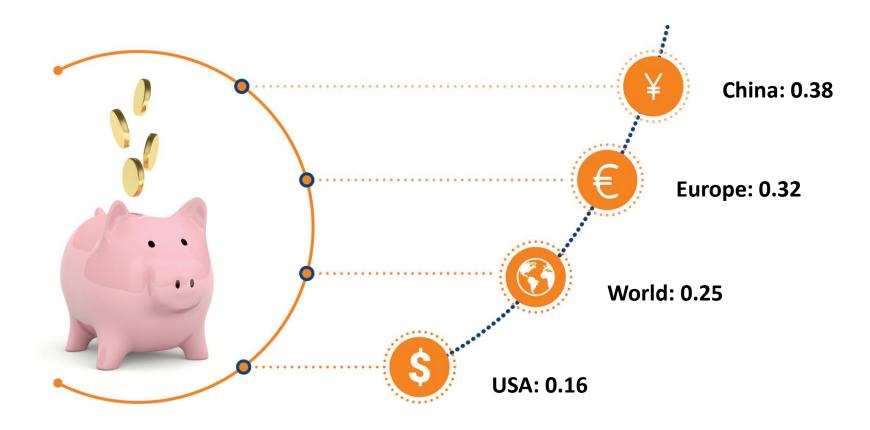


INR has historically depreciated against USD and EUR over long-term; adding to investors return. When INR depreciates the value of foreign asset increases and vice-versa

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

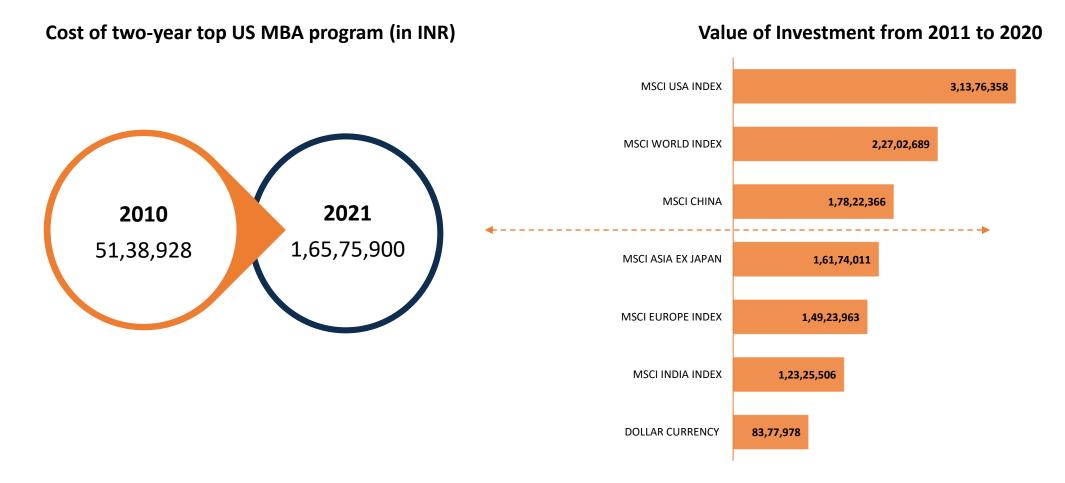
#### Correlation of Indian equity return with other equity markets



Lower correlation can lead to diversification of country risk.

Source: Bloomberg, based on MSCI country Indices (Large cap + Midcap); Asia excludes Japan, all the return are computed in INR based on FBIL INR/USD value. Data from 01st Jan 2009 to 31st Dec 2020 is considered for computing correlation between the returns

## Potential Wealth Creation through international exposure



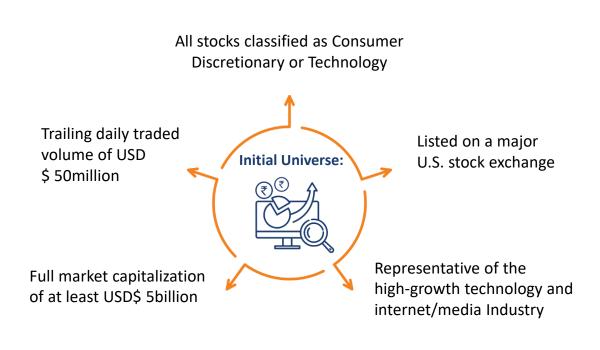
#### One needs to look beyond India for investment exposure



Mirae Asset NYSE FANG+ ETF 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.





ICE Data Indices Governance Committee will oversee a process to select FANG (Facebook, Amazon, Netflix and Google) and FANG-related stocks.



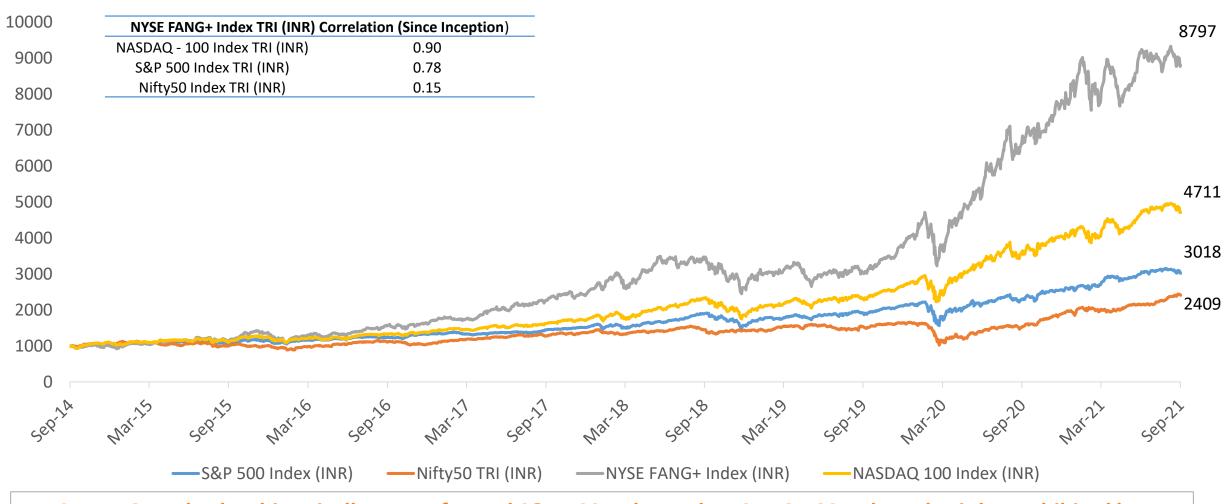
Stocks selected for the Index should exhibit characteristics of high-growth technology and internet/media stocks.



The Committee will focus on distinguishing between traditional technology and service 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

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

Particular	Index	2014	2015	2016	2017	2018	2019	2020	2021 CYTD
	NYSE FANG+ Index	-2.2%	36.2%	18.8%	49.3%	9.5%	42.9%	108.2%	12.8%
Return in INR(in %)	NASDAQ - 100 Index	8.0%	14.9%	9.9%	25.1%	9.2%	42.4%	52.6%	16.5%
Netalli ili livi(ili 70)	Nifty50 Index	2.1%	-3.0%	4.4%	30.3%	4.6%	13.5%	16.1%	27.2%
	INR/USD	4.2%	4.7%	2.5%	-5.9%	9.2%	2.1%	2.5%	1.6%
	NYSE FANG+ Index	21.7%	21.8%	21.5%	16.3%	29.5%	23.0%	39.8%	26.0%
Risk in INR (in%)	NASDAQ - 100 Index	16.1%	17.8%	16.1%	10.2%	22.7%	16.3%	36.3%	19.5%
NISK III IIVN (III/0)	Nifty50 Index	21.5%	21.3%	21.7%	16.9%	29.9%	23.5%	39.6%	15.5%
	INR/USD	16.6%	17.4%	16.2%	11.3%	23.3%	16.7%	36.1%	4.3%
	NYSE FANG+ Index	-0.1	1.7	0.9	3,0	0.3	1.9	2.7	0.5
Return to Risk Ratio	NASDAQ - 100 Index	0.5	0.8	0.6	2.5	0.4	2.6	1.4	0.8
	Nifty50 Index	0.1	-0.1	0.2	1.8	0.2	0.6	0.4	1.8
	INR/USD	0.2	0.3	0.2	-0.5	0.4	0.1	0.1	0.4

NYSE FANG+ Index has outperformed NASDAQ 100 Index and Nifty 50 Index on absolute return basis in 6 out of 8 calendar years

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

Particular	Index	Since Inception	5 Years	3 Years	2 Years	1 Year	6 Months	3 Months
	NYSE FANG+ Index	36.0%	41.2%	37.2%	70.1%	30.6%	11.8%	-3.8%
Return in INR (in %)	NASDAQ - 100 Index	24.7%	28.7%	26.5%	42.3%	30.4%	16.2%	1.0%
Return in live (in %)	Nifty50 Index	13.0%	16.8%	18.6%	25.3%	58.5%	19.6%	12.4%
	INR/USD	2.9%	2.2%	0.8%	2.5%	0.6%	1.7%	-0.1%
	NYSE FANG+ Index	26.4%	28.1%	32.2%	32.8%	26.3%	19.4%	16.4%
Dick in IND/9/	NASDAQ - 100 Index	21.3%	22.8%	26.9%	28.5%	20.2%	15.5%	12.6%
Risk in INR(%)	Nifty50 Index	17.2%	18.1%	21.7%	24.3%	15.3%	12.1%	9.5%
	INR/USD	5.0%	5.2%	5.4%	4.8%	4.1%	4.5%	4.0%
	NYSE FANG+ Index	1.4	1.5	1.2	2.1	1.2	0.6	-0.2
Return to Risk Ratio	NASDAQ - 100 Index	1.2	1.3	1.0	1.5	1.5	1.0	0.1
	Nifty50 Index	0.8	0.9	0.9	1.0	3.8	1.6	1.3
	INR/USD	0.6	0.4	0.1	0.5	0.1	0.4	0.0

NYSE FANG+ Index on risk-adjusted basis has outperformed NASDAQ-100 Index and NIFTY 50 Index in investment horizon greater than 1 year.

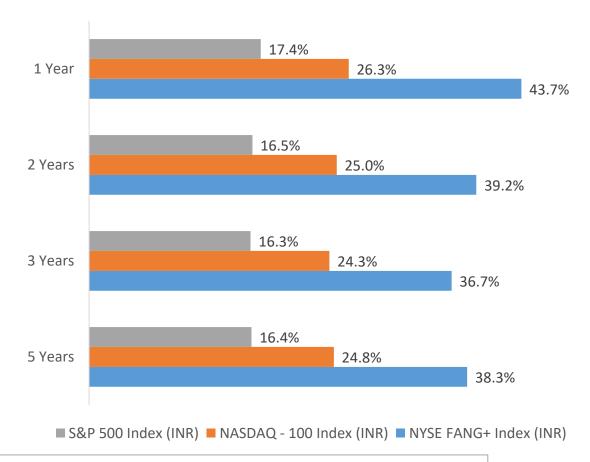
#### **NYSE FANG+ Index performance for rolling return period**

#### NYSE FANG+ Index v/s NASDAQ-100 Index

Outperformance	5 Year	3 Year	2 Year	1 Year
>7%	96%	94%	75%	71%
>5% & <7%	4%	5%	1%	3%
>3% & <5%	0%	1%	1%	4%
>1% & <3%	0%	0%	3%	3%
>0% & <1%	0%	0%	5%	2%
<0%	0%	0%	15%	17%

#### NYSE FANG+ Index v/s S&P 500 Index

Outperformance	5 Year	3 Year	2 Year	1 Year
>7%	100%	100%	86%	77%
>5% & <7%	0%	0%	4%	2%
>3% & <5%	0%	0%	3%	3%
>1% & <3%	0%	0%	4%	3%
>0% & <1%	0%	0%	3%	1%
<0%	0%	0%	1%	14%



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 Sep 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 %)
Technology, Hardware & Storage Peripherals	10.0%
Interactive Media & Services	39.4%
Internet and Direct Marketing Retail	19.4%
Semiconductors & Semiconductor Equipment	9.8%
Automobiles	10.6%
Entertainment	10.7%

Stock Name	Weight
Twitter Inc	10.0%
Baidu Inc.	9.8%
Tesla Inc	10.6%
Nvidia Corp	11.2%
Alibaba Group	9.6%
Netflix Inc.	10.7%
Facebook Inc.	9.7%
Apple Inc.	10.0%
Alphabet Inc.	9.8%
Amazon.com Inc.	9.8%

- ➤ 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**

#### Nifty50 Index constituents (Top 10)

Stock Name	12M Forward P/E	Stock Name	12M Forward
Alibaba	15.41x	Titan Co Ltd	86.4x
Alphabet	22.4x	HDFC Life Insurance Co Ltd	86.0x
Amazon	47.8x	Asian Paints Ltd	76.4x
Apple	25.5x	Nestle India Ltd	70.5x
Baidu	19.1x	Hindustan Unilever Ltd	63.7x
Facebook	20.9x	Tata Consumer Products Ltd	60.0x
Netflix	56.8x	SBI Life Insurance Co Ltd	59.6x
Nvidia Corp	48.0x	Bajaj Finance Ltd	52.9x
Tesla	116.8x	Britannia Industries Ltd	49.1x
Twitter	62.3x	Bharti Airtel Ltd	48.1x

- > 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

#### **Are FANG+ Index constituents valued high?**

#### Standard Deviation of 12 Month Forward P/E



- 12M forward P/E of NYSE FANG+ Index stands at 30.60x (-0.67σ) whereas its historical average over last three year stands at 34.03x.
- 12M forward P/E of NASDAQ-100 Index stands at 27.81x (0.72σ) whereas its historical average over last three year stands at 25.28x.

#### 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

#### Disclaimers

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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

#### PRODUCT LABELLING \_\_\_\_

Please consult your financial advisor before investing

#### 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

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





#### The Benchmark is 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

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