Every student has to apply the following techniques on the assigned companies and have to write the findings in an understandable manner.

Online resource to complete this assignment successfully: https://online.stat.psu.edu/stat510/lesson/1

- 1) sample autocorrelation function (ACF)
- 2) Identify and interpret an MA(q) model
- 3) Distinguish MA terms from an ACF
- 4) Interpret a PACF
- 5) Distinguish AR terms and MA terms from simultaneously exploring an ACF and PACF
- 6) Identify and interpret a non-seasonal ARIMA model
- 7) Distinguish ARIMA terms from simultaneously exploring an ACF and PACF
- 8) Test that all residual autocorrelations are zero
- 9) Convert ARIMA models to infinite order MA models
- 10) Forecast with ARIMA models
- 11) Create and interpret prediction intervals for forecasts
- 12) Model the variance of a time series
- 13) Identify and interpret ARCH models
- 14) Identifying an ARCH/GARCH Model in Practice (Mostly useful one is GARCH (1,1))
- 15) Vector Autoregressive models VAR(p) models
- 16) Overall conclusion of the assigned companies

You can either use R package or stata

Submission file: Word document with R/Stata code and along with excel file.

• Word document should look like a proper research analysis report. Please refer to tips to report writing document.

Submission Deadline: April 9th 2020, 5:00 PM (Those who fail in submitting this assignment by 9th April 5:00 Pm will (strictly) be awarded zero marks in this component.

ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
				CEMENT & CEMENT		
2017A2PS1140H	A SAI BHARGAVI	1	ACC Ltd.	PRODUCTS	ACC	INE012A01025
2017A2PS1140H	A SAI BHARGAVI	1	AU Small Finance Bank Ltd.	FINANCIAL SERVICES	AUBANK	INE949L01017
			Adani Ports and Special Economic			
2017A1PS1072H	AAKASH DWIVEDI	2	Zone Ltd.	SERVICES	ADANIPORTS	INE742F01042
2017A1PS1072H	AAKASH DWIVEDI	2	Adani Power Ltd.	ENERGY	ADANIPOWER	INE814H01011
2017A4PS1364H	AAYUSH GARG	3	Adani Transmission Ltd.	ENERGY	ADANITRANS	INE931S01010
2017A4PS1364H	AAYUSH GARG	3	Aditya Birla Capital Ltd.	FINANCIAL SERVICES	ABCAPITAL	INE674K01013
2017ABPS1058H	ADITYA PRAKASH SHUKLA	4	Aditya Birla Fashion and Retail Ltd.	CONSUMER GOODS	ABFRL	INE647001011
2017ABPS1058H	ADITYA PRAKASH SHUKLA	4	Ajanta Pharmaceuticals Ltd.	PHARMA	AJANTPHARM	INE031B01049
2017A4PS0820H	AKHIL MAHAJAN	7	Alkem Laboratories Ltd.	PHARMA	ALKEM	INE540L01014
2017A4PS0820H	AKHIL MAHAJAN	7	Amara Raja Batteries Ltd.	AUTOMOBILE	AMARAJABAT	INE885A01032
2017A4PS0531H	AMAN SHARMA	8	Ambuja Cements Ltd.	CEMENT & CEMENT PRODUCTS	AMBUJACEM	INE079A01024
2017A4PS0531H	AMAN SHARMA	8	Apollo Hospitals Enterprise Ltd.	HEALTHCARE SERVICES	APOLLOHOSP	INE437A01024
2017A7PS0255H	ANDUGULA IMMANUEL BLESSY	9	Apollo Tyres Ltd.	AUTOMOBILE	APOLLOTYRE	INE438A01022
2017A7PS0255H	ANDUGULA IMMANUEL BLESSY	9	Ashok Leyland Ltd.	AUTOMOBILE	ASHOKLEY	INE208A01029
2017A4PS0523H	ANIMESH SRIVASTAVA	10	Asian Paints Ltd.	CONSUMER GOODS	ASIANPAINT	INE021A01026
2017A4PS0523H	ANIMESH SRIVASTAVA	10	Aurobindo Pharma Ltd.	PHARMA	AUROPHARMA	INE406A01037
2017A4PS1315H	ARIJIT DEY	12	Avenue Supermarts Ltd.	CONSUMER GOODS	DMART	INE192R01011
	ARIJIT DEY	12	Axis Bank Ltd.	FINANCIAL SERVICES	AXISBANK	INE238A01034
2017A4PS1315H						
2017A4PS1315H 2017A2PS1046H	ARYAN SINGH CHANDEL	13	Bajaj Auto Ltd.	AUTOMOBILE	BAJAJ-AUTO	INE917I01010
	ARYAN SINGH CHANDEL ARYAN SINGH CHANDEL	13 13	Bajaj Auto Ltd. Bajaj Finance Ltd.	AUTOMOBILE FINANCIAL SERVICES	BAJAJ-AUTO BAJFINANCE	INE917I01010 INE296A01024

ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
2017ABPS1572H	ASHISH SINGH	14	Bajaj Holdings & Investment Ltd.	FINANCIAL SERVICES	BAJAJHLDNG	INE118A01012
2017A4PS0789H	AVISHEK BHATTACHARJEE	16	Balkrishna Industries Ltd.	AUTOMOBILE	BALKRISIND	INE787D01026
2017A4PS0789H	AVISHEK BHATTACHARJEE	16	Bandhan Bank Ltd.	FINANCIAL SERVICES	BANDHANBNK	INE545U01014
2017A4PS1338H	BALPREET SINGH	17	Bank of Baroda	FINANCIAL SERVICES	BANKBARODA	INE028A01039
2017A4PS1338H	BALPREET SINGH	17	Bank of India	FINANCIAL SERVICES	BANKINDIA	INE084A01016
2016B3A40467H	CHADALAVADA KHYATHI KIRAN	21	Bata India Ltd.	CONSUMER GOODS	BATAINDIA	INE176A01028
2016B3A40467H	CHADALAVADA KHYATHI KIRAN	21	Berger Paints India Ltd.	CONSUMER GOODS	BERGEPAINT	INE463A01038
2017A2PS0961H	CHANDAN UDGATA	23	Bharat Electronics Ltd.	INDUSTRIAL MANUFACTURING	BEL	INE263A01024
2017A2PS0961H	CHANDAN UDGATA	23	Bharat Forge Ltd.	INDUSTRIAL MANUFACTURING	BHARATFORG	INE465A01025
2016B1A20941H	DEVA SOHITH	26	Bharat Heavy Electricals Ltd.	INDUSTRIAL MANUFACTURING	BHEL	INE257A01026
2016B1A20941H	DEVA SOHITH	26	Bharat Petroleum Corporation Ltd.	ENERGY	BPCL	INE029A01011
2017A4PS0839H	DEVANSH CHANDRAWAT	27	Bharti Airtel Ltd.	TELECOM	BHARTIARTL	INE397D01024
2017A4PS0839H	DEVANSH CHANDRAWAT	27	Bharti Infratel Ltd.	TELECOM	INFRATEL	INE121J01017
2017A2PS1354H	DIVYAM GOEL	28	Biocon Ltd.	PHARMA	BIOCON	INE376G01013
2017A2PS1354H	DIVYAM GOEL	28	Bombay Burmah Trading Corporation Ltd.	CONSUMER GOODS	ВВТС	INE050A01025
2017A1PS0831H	DWAIPAYAN BHATTACHARYYA	30	Bosch Ltd.	AUTOMOBILE	BOSCHLTD	INE323A01026
2017A1PS0831H	DWAIPAYAN BHATTACHARYYA	30	Britannia Industries Ltd.	CONSUMER GOODS	BRITANNIA	INE216A01030
2017A3PS0561H	GUDUGUNTLA VENKATA SAI SUMANTH	33	CESC Ltd.	ENERGY	CESC	INE486A01013

ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
	GUDUGUNTLA VENKATA SAI					
2017A3PS0561H	SUMANTH	33	Cadila Healthcare Ltd.	PHARMA	CADILAHC	INE010B01027
2017A1PS1026H	GURKIRAT KAUR ARNEJA	34	Canara Bank	FINANCIAL SERVICES	CANBK	INE476A01014
2017A1PS1026H	GURKIRAT KAUR ARNEJA	34	Castrol India Ltd.	ENERGY	CASTROLIND	INE172A01027
			Cholamandalam Investment and			
2017A1PS1136H	HARISH S	35	Finance Company Ltd.	FINANCIAL SERVICES	CHOLAFIN	INE121A01024
2017A1PS1136H	HARISH S	35	Cipla Ltd.	PHARMA	CIPLA	INE059A01026
2017AAPS1734H	HARSH NAGPAL	36	City Union Bank Ltd.	FINANCIAL SERVICES	CUB	INE491A01021
2017AAPS1734H	HARSH NAGPAL	36	Coal India Ltd.	METALS	COALINDIA	INE522F01014
2017A2PS1562H	HARSH SHARMA	37	Colgate Palmolive (India) Ltd.	CONSUMER GOODS	COLPAL	INE259A01022
			3.00			
2017A2PS1562H	HARSH SHARMA	37	Container Corporation of India Ltd.	SERVICES	CONCOR	INE111A01025
2017/12/ 31302//	THE WORLD STEEL COMMENT	3,	container corporation of maia eta.	SERVICES	CONCON	1142111, 101023
2017A8PS0802H	JADHAV SHUBHAM DEEPAK	38	Coromandel International Ltd.	FERTILISERS & PESTICIDES	COROMANDEL	INE169A01031
20177(01 3000211	JABINA SHOBINAN BEELAA	30		TERMEISERS & LESTICIDES	CONONNAVBLE	1142103/101031
2017A8PS0802H	JADHAV SHUBHAM DEEPAK	38	Crompton Greaves Consumer Electricals Ltd.	CONSUMER GOODS	CROMPTON	INE299U01018
2017 AOF 3080211	JADITAV STIODITANI DELFAK	30	Liecti icais Ltu.		CROWLE TON	111233001018
2017A4PS1737H	JAGTAP PRATHMESH RAJENDRA	39	Cummins India Ltd.	INDUSTRIAL MANUFACTURING	CUMMINSIND	INE298A01020
2017A4P31737H	JAGTAP PRATHIVIESH RAJENDRA	39	Cultillins illula Eta.	WANDFACTORING	COMMINING	IIVE296A01020
2017A4PS1737H	JAGTAP PRATHMESH RAJENDRA	39	DLF Ltd.	CONSTRUCTION	DLF	INE271C01023
2017A2PS1464H	KHUSHBU VIRAL PARIKH	41	Dabur India Ltd.	CONSUMER GOODS	DABUR	INE016A01026
20474286446411	WILLIAM DADIWI	44	Dalaria Bharat I tal	CEMENT & CEMENT	DALBHADAT	INEOOD704035
2017A2PS1464H	KHUSHBU VIRAL PARIKH	41	Dalmia Bharat Ltd.	PRODUCTS	DALBHARAT	INE00R701025
2017A2PS0904H	KOTHAPALLI VIVEK VARMA	42	Divi's Laboratories Ltd.	PHARMA	DIVISLAB	INE361B01024
2017A2PS0904H	KOTHAPALLI VIVEK VARMA	42	Dr. Reddy's Laboratories Ltd.	PHARMA	DRREDDY	INE089A01023

ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
2017AAPS0435H	KRISHAN AGGARWAL	43	Edelweiss Financial Services Ltd.	FINANCIAL SERVICES	EDELWEISS	INE532F01054
2017AAPS0435H	KRISHAN AGGARWAL	43	Eicher Motors Ltd.	AUTOMOBILE	EICHERMOT	INE066A01013
2017A2PS0881H	KUNAL RAJESH ASATI	44	Emami Ltd.	CONSUMER GOODS	EMAMILTD	INE548C01032
2017A2PS0881H	KUNAL RAJESH ASATI	44	Endurance Technologies Ltd.	AUTOMOBILE	ENDURANCE	INE913H01037
2017A4PS0759H	KUNTHAL OSWAL	45	Engineers India Ltd.	CONSTRUCTION	ENGINERSIN	INE510A01028
2017A4PS0759H	KUNTHAL OSWAL	45	Escorts Ltd.	AUTOMOBILE	ESCORTS	INE042A01014
2017A2PS1436H	MAHIMA KHANDHAR	46	Exide Industries Ltd.	AUTOMOBILE	EXIDEIND	INE302A01020
2017A2PS1436H	MAHIMA KHANDHAR	46	Federal Bank Ltd.	FINANCIAL SERVICES	FEDERALBNK	INE171A01029
2017A7PS1327H	MAHIR VIRAL PATRAWALA	47	Fortis Healthcare Ltd.	HEALTHCARE SERVICES	FORTIS	INE061F01013
2017A7PS1327H	MAHIR VIRAL PATRAWALA	47	Future Consumer Ltd.	CONSUMER GOODS	FCONSUMER	INE220J01025
2017A4PS0824H	MAMIDI ROHAN	48	Future Retail Ltd.	CONSUMER GOODS	FRETAIL	INE752P01024
2017A4PS0824H	MAMIDI ROHAN	48	GAIL (India) Ltd.	ENERGY	GAIL	INE129A01019
2017A4PS1397H	MAMILLAPALLI CHARAN TEJA	49	GMR Infrastructure Ltd.	CONSTRUCTION	GMRINFRA	INE776C01039
			General Insurance Corporation of			
2017A4PS1397H	MAMILLAPALLI CHARAN TEJA	49	India	FINANCIAL SERVICES	GICRE	INE481Y01014
2017A4PS0765H	MANAV JINDAL	50	Glenmark Pharmaceuticals Ltd.	PHARMA	GLENMARK	INE935A01035
2017A4PS0765H	MANAV JINDAL	50	Godrej Agrovet Ltd.	CONSUMER GOODS	GODREJAGRO	INE850D01014
2017B3PS0861H	MANUL GUPTA	52	Godrej Consumer Products Ltd.	CONSUMER GOODS	GODREJCP	INE102D01028
2017B3PS0861H	MANUL GUPTA	52	Godrej Industries Ltd.	CONSUMER GOODS	GODREJIND	INE233A01035
2017A1PS1038H	MISBAHUL HAQUE	53	Godrej Properties Ltd.	CONSTRUCTION	GODREJPROP	INE484J01027
2017A1PS1038H	MISBAHUL HAQUE	53	Graphite India Ltd.	INDUSTRIAL MANUFACTURING	GRAPHITE	INE371A01025
				CEMENT & CEMENT		
2017A8PS0781H	MRIDUL BANSAL	54	Grasim Industries Ltd.	PRODUCTS	GRASIM	INE047A01021

ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
				INDUSTRIAL		
2017A4PS0785H	MUSKU ABHIGNA REDDY	55	H.E.G. Ltd.	MANUFACTURING	HEG	INE545A01016
2017A4PS0785H	MUSKU ABHIGNA REDDY	55	HCL Technologies Ltd.	IT	HCLTECH	INE860A01027
			HDFC Asset Management Company			
2017AAPS0431H	NAGUBANDI VISHNU PRIYA	56	Ltd.	FINANCIAL SERVICES	HDFCAMC	INE127D01025
2017AAPS0431H	NAGUBANDI VISHNU PRIYA	56	HDFC Bank Ltd.	FINANCIAL SERVICES	HDFCBANK	INE040A01034
2017B3PS1251H	NARLAGIRI SHILPA	58	HDFC Life Insurance Company Ltd.	FINANCIAL SERVICES	HDFCLIFE	INE795G01014
2017B3PS1251H	NARLAGIRI SHILPA	58	Havells India Ltd.	CONSUMER GOODS	HAVELLS	INE176B01034
2016B3A20292H	NEKKALAPU HARSHA VARDHAN	59	Hero MotoCorp Ltd.	AUTOMOBILE	HEROMOTOCO	INE158A01026
2016B3A20292H	NEKKALAPU HARSHA VARDHAN	59	Hexaware Technologies Ltd.	IT	HEXAWARE	INE093A01033
2017A4PS1406H	NIHAL SINGH	60	Hindalco Industries Ltd.	METALS	HINDALCO	INE038A01020
			Hindustan Petroleum Corporation			
2017A4PS1406H	NIHAL SINGH	60	Ltd.	ENERGY	HINDPETRO	INE094A01015
2017A4PS1208H	NIKHIL BHASIN	61	Hindustan Unilever Ltd.	CONSUMER GOODS	HINDUNILVR	INE030A01027
2017A4PS1208H	NIKHIL BHASIN	61	Hindustan Zinc Ltd.	METALS	HINDZINC	INE267A01025
			Housing & Urban Development			
2017B4PS1240H	NIKHILA VENKATA KULUKURU	62	Corporation Ltd.	FINANCIAL SERVICES	HUDCO	INE031A01017
			Housing Development Finance			
2017B4PS1240H	NIKHILA VENKATA KULUKURU	62	Corporation Ltd.	FINANCIAL SERVICES	HDFC	INE001A01036
2017A2PS0774H	PARIPALLY THANMAY REDDY	65	ICICI Bank Ltd.	FINANCIAL SERVICES	ICICIBANK	INE090A01021
			ICICI Lombard General Insurance			
2017A2PS0774H	PARIPALLY THANMAY REDDY	65	Company Ltd.	FINANCIAL SERVICES	ICICIGI	INE765G01017
			ICICI Prudential Life Insurance			
2017B3PS0687H	PRADUMNA A SARWATE	66	Company Ltd.	FINANCIAL SERVICES	ICICIPRULI	INE726G01019

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ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
2017B3PS0687H	PRADUMNA A SARWATE	66	IDBI Bank Ltd.	FINANCIAL SERVICES	IDBI	INE008A01015
2016ABPS0642H	RAHUL BALANA	68	IDFC First Bank Ltd.	FINANCIAL SERVICES	IDFCFIRSTB	INE092T01019
2016ABPS0642H	RAHUL BALANA	68	ITC Ltd.	CONSUMER GOODS	ITC	INE154A01025
2017ABPS1154H	RISHABH SHRIMAL	69	Indiabulls Housing Finance Ltd.	FINANCIAL SERVICES	IBULHSGFIN	INE148I01020
2017ABPS1154H	RISHABH SHRIMAL	69	Indiabulls Ventures Ltd.	FINANCIAL SERVICES	IBVENTURES	INE274G01010
2017A4PS1415H	RITVIK GARG	70	Indian Bank	FINANCIAL SERVICES	INDIANB	INE562A01011
2017A4PS1415H	RITVIK GARG	70	Indian Hotels Co. Ltd.	SERVICES	INDHOTEL	INE053A01029
2017A4PS0722H	ROHAN MADHAVARAM	71	Indian Oil Corporation Ltd.	ENERGY	IOC	INE242A01010
2017A4PS0722H	ROHAN MADHAVARAM	71	Indraprastha Gas Ltd.	ENERGY	IGL	INE203G01027
2017A2PS1057H	SADUM HANVITHA	72	IndusInd Bank Ltd.	FINANCIAL SERVICES	INDUSINDBK	INE095A01012
2017A2PS1057H	SADUM HANVITHA	72	Info Edge (India) Ltd.	IT	NAUKRI	INE663F01024
2017A1PS0902H	SAI SHIVA SRIMANTH PANNEM	73	Infosys Ltd.	IT	INFY	INE009A01021
2017A1PS0902H	SAI SHIVA SRIMANTH PANNEM	73	InterGlobe Aviation Ltd.	SERVICES	INDIGO	INE646L01027
2017A4PS0744H	SANKET JENA	74	Ipca Laboratories Ltd.	PHARMA	IPCALAB	INE571A01020
2017A4PS0744H	SANKET JENA	74	JSW Energy Ltd.	ENERGY	JSWENERGY	INE121E01018
2017A2PS1510H	SARTHAK DAS	76	JSW Steel Ltd.	METALS	JSWSTEEL	INE019A01038
2017A2PS1510H	SARTHAK DAS	76	Jindal Steel & Power Ltd.	METALS	JINDALSTEL	INE749A01030
2017ABPS1609H	SARVESH RAJESH WALCHALE	77	Jubilant Foodworks Ltd.	CONSUMER GOODS	JUBLFOOD	INE797F01012
2017ABPS1609H	SARVESH RAJESH WALCHALE	77	Jubilant Life Sciences Ltd.	PHARMA	JUBILANT	INE700A01033
2017A1PS1025H	SAYAN SAHAY	78 70	Kotak Mahindra Bank Ltd.	FINANCIAL SERVICES	KOTAKBANK	INE237A01028
2017A1PS1025H	SAYAN SAHAY	78	L&T Finance Holdings Ltd.	FINANCIAL SERVICES	L&TFH	INE498L01015
2017ABPS1150H	SHAABAN KARIM S	79	L&T Technology Services Ltd.	IT	LTTS	INE010V01017
2017ABPS1150H	SHAABAN KARIM S	79 79	LIC Housing Finance Ltd.	FINANCIAL SERVICES	LICHSGFIN	INE115A01026
Z01/ADP31130H	SHAMMAN NAMINI S	19	LIC Housing Finance Ltu.	FINANCIAL SERVICES	LICHOUPIN	INETTOMUTOZO

2017A3P50565H SHAH NEIL MAYUR 81	ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
2017A7PS0137H	2017A3PS0565H	SHAH NEIL MAYUR	81	Larsen & Toubro Infotech Ltd.	ΙΤ	LTI	INE214T01019
2017APPS0137H	2017A3PS0565H	SHAH NEIL MAYUR	81	Larsen & Toubro Ltd.	CONSTRUCTION	LT	INE018A01030
2017ABPS1332H SHARDUL TAMANE 83 Mahanegar Gas Ltd. ENERGY MGL INE002S01010	2017A7PS0137H	SHANTANU GUPTA	82	Lupin Ltd.	PHARMA	LUPIN	INE326A01037
Mahindra & Mahindra	2017A7PS0137H	SHANTANU GUPTA	82	MRF Ltd.	AUTOMOBILE	MRF	INE883A01011
2017ABPS1332H SHARDUL TAMANE 83 Services Ltd. FINANCIAL SERVICES M&MFIN INE774D01024 2017A1PS1068H SHASHWAT PREM 84 Mahindra & Mahindra Ltd. AUTOMOBILE M&M INE101A01026 2017A1PS1068H SHASHWAT PREM 84 Manappuram Finance Ltd. FINANCIAL SERVICES MANAPPURAM INE52D01027 2017A1PS1068H SHUBHAM JAJU 85 Petrochemicals Ltd. ENERGY MRPL INE103A01014 2017A4PS0819H SHUBHAM JAJU 85 Marico Ltd. CONSUMER GOODS MARICO INE196A01026 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Maruti Suzuki India Ltd. AUTOMOBILE MARUTI INE585B01010 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Mar Financial Services Ltd. FINANCIAL SERVICES MFSL INE180A01020 2017A3PS1239H SIRICHANDANA JAGARLAMUDI 87 Motherson Sumi Systems Ltd. IT MINDTREE INE018101017 2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 Motherson Sumi Systems Ltd. AUTOMOBILE MOTHERSUMI INE775A01035 2017AAPS1238H SOMLINA MUKHERIEE 88 MyhasiS Ltd. IT MPHASIS INE36A01018 2017AAPS1238H SOMLINA MUKHERIEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE14601012 2017AAPS0363H SRIYA SURI 89 NACC Pharma Ltd. PHARMA NATCOPHARM INE937B01026 2017AAPS0363H SRIYA SURI 89 NACO Pharma Ltd. PHARMA NATCOPHARM INE937B01026 2017AAPS0363H SRIYA SURI 89 NACC (India) Ltd. CONSTRUCTION NBCC INE095N01031 2017A1PS1495H SUBHAW MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE48E01010 2017A1PS1495H SUBHAW MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE48E01010 2017A1PS1495H SUBHAW MALHOTRA 90 NHDC Ltd. ENERGY NHPC INE38A01028 2017A1PS1307H SUHANI GUPTA 91 National Aluminium Co. Ltd. METALS NATIONALUM INE393801036	2017ABPS1332H	SHARDUL TAMANE	83	Mahanagar Gas Ltd.	ENERGY	MGL	INE002S01010
2017A1PS1068H SHASHWAT PREM 84 Mahindra Ltd. AUTOMOBILE M&M INE101A01026 2017A1PS1068H SHASHWAT PREM 84 Manappuram Finance Ltd. FINANCIAL SERVICES MANAPPURAM INE52D01027 2017A4PS0819H SHUBHAM JAJU 85 Marico Ltd. CONSUMER GOODS MARICO INE196A01026 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Maruti Suzuki India Ltd. AUTOMOBILE MARUTI INE585B01010 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Mar Financial Services Ltd. FINANCIAL SERVICES MFSL INE180A01020 2017A2PS1480H SIRICHANDANA JAGARLAMUDI 87 Mohrerson Sumi Systems Ltd. IT MINDTREE INE018101017 2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 Mohrerson Sumi Systems Ltd. AUTOMOBILE MOTHERSUMI INE775A01035 2017AAPS1238H SOMLINA MUKHERJEE 88 MyhasiS Ltd. IT MPHASIS INE356A01018 2017AAPS1238H SOMLINA MUKHERJEE 88 MyhasiS Ltd. IT MPHASIS INE356A01018 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. PHARMA NATCOPHARM INE937B01026 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. PHARMA NATCOPHARM INE937B01026 2017A1PS1495H SUBHAW MALHOTRA 90 NHPC Ltd. METALS NMDC INE584A01023 2017A1PS1495H SUBHAW MALHOTRA 90 NHPC Ltd. METALS NMDC INE584A01023 2017A1PS1495H SUBHAW MALHOTRA 91 NMDC Ltd. METALS NMDC INE584A01023 2017A1PS1495H SUBHAW MALHOTRA 91 NMDC Ltd. METALS NMDC INE584A01023 2017A1PS1307H SUHANI GUPTA 91 NTPC Ltd. ENERGY NTPC INE733E01010							
2017A1PS1068H SHASHWAT PREM 84 Manappuram Finance Ltd. FINANCIAL SERVICES MANAPPURAM INE52D01027 2017A4PS0819H SHUBHAM JAJU 85 Marico Ltd. CONSUMER GOODS MARICO INE196A01026 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Maruti Suzuki India Ltd. AUTOMOBILE MARUTI INE58SB01010 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Maruti Suzuki India Ltd. AUTOMOBILE MARUTI INE58SB01010 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Max Financial Services Ltd. FINANCIAL SERVICES MFSL INE180A01020 2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 MindTree Ltd. IT MINDTREE INE018I01017 2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 Motherson Sumi Systems Ltd. AUTOMOBILE MOTHERSUMI INE775A01035 2017AAPS1238H SOMLINA MUKHERJEE 88 MyhasiS Ltd. IT MPHASIS INE356A01018 2017AAPS1238H SOMLINA MUKHERJEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE1414601012 2017AAPS0363H SRIYA SURI 89 NATCO Pharma Ltd. PHARMA NATCOPHARM INE987B01026 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE095N01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848B01016 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. METALS NMDC INE584A01023 2017A1PS1307H SUHANI GUPTA 91 National Aluminium Co. Ltd. METALS NATIONALUM INE139A01034	2017ABPS1332H	SHARDUL TAMANE	83		FINANCIAL SERVICES		INE774D01024
Mangalore Refinery & Petrochemicals Ltd. ENERGY MRPL INE103A01014 2017A4PS0819H SHUBHAM JAJU 85 Marico Ltd. CONSUMER GOODS MARICO INE196A01026 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Maruti Suzuki India Ltd. AUTOMOBILE MARUTI INE585B01010 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Max Financial Services Ltd. FINANCIAL SERVICES MFSL INE180A01020 2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 Motherson Sumi Systems Ltd. AUTOMOBILE MOTHERSUMI INE775A01035 2017B3PS1239H SOMLINA MUKHERIEE 88 MyhasiS Ltd. IT MPHASIS INE356A01018 2017AAPS1238H SOMLINA MUKHERIEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE414G01012 2017AAPS0363H SRIYA SURI 89 NACCO Pharma Ltd. FINANCIAL SERVICES MUTHOOTFIN INE414G01012 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE09SN01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1495H SUBHAV MALHOTRA 90 NMDC Ltd. METALS NMDC INE584A01023 2017A1PS1307H SUHANI GUPTA 91 NTPC Ltd. ENERGY NTPC INE733E01010	2017A1PS1068H	SHASHWAT PREM	84	Mahindra & Mahindra Ltd.	AUTOMOBILE	M&M	INE101A01026
2017A4PS0819H SHUBHAM JAJU 85 Petrochemicals Ltd. ENERGY MRPL INE103A01014 2017A4PS0819H SHUBHAM JAJU 85 Marico Ltd. CONSUMER GOODS MARICO INE196A01026 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Maruti Suzuki India Ltd. AUTOMOBILE MARUTI INE58SB01010 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Max Financial Services Ltd. FINANCIAL SERVICES MFSL INE18A001020 2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 Motherson Sumi Systems Ltd. AUTOMOBILE MOTHERSUMI INE77SA01035 2017B3PS1239H SOMLINA MUKHERIJEE 88 MphasiS Ltd. IT MPHASIS INE356A01018 2017AAPS1238H SOMLINA MUKHERIJEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE414G001012 2017AAPS0363H SRIVA SURI 89 NATCO Pharma Ltd. PHARMA NATCOPHARM INE987B01026 2017AAPS0363H SRIVA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE09SN01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1495H SUBHAV MALHOTRA 91 NTPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1307H SUHANI GUPTA 91 NTPC Ltd. ENERGY NTPC INE733E01010 INE139A01034	2017A1PS1068H	SHASHWAT PREM	84	Manappuram Finance Ltd.	FINANCIAL SERVICES	MANAPPURAM	INE522D01027
2017A4PS0819H SHUBHAM JAJU 85 Marico Ltd. CONSUMER GOODS MARICO INE196A01026 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Maruti Suzuki India Ltd. AUTOMOBILE MARUTI INE585B01010 2017A2PS1480H SHUBHAM SRIVASTAVA 86 Max Financial Services Ltd. FINANCIAL SERVICES MFSL INE180A01020 2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 Motherson Sumi Systems Ltd. AUTOMOBILE MOTHERSUMI INE775A01035 2017AAPS1238H SOMLINA MUKHERJEE 88 MyhasiS Ltd. IT MPHASIS INE36A01018 2017AAPS1238H SOMLINA MUKHERJEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE414G01012 2017AAPS0363H SRIYA SURI 89 NATCO Pharma Ltd. PHARMA NATCOPHARM INE987B01026 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE095N01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1495H SUBHAV MALHOTRA 91 NATCOLT. ENERGY NHPC INE848E01016 2017A1PS1307H SUHANI GUPTA 91 NATCOLT. ENERGY NTPC INE733E01010							
2017A2PS1480H 2017A2PS1480HSHUBHAM SRIVASTAVA SHUBHAM SRIVASTAVA86Maruti Suzuki India Ltd. Max Financial Services Ltd.AUTOMOBILE FINANCIAL SERVICESMARUTI MFSLINE585B01010 INE180A010202017B3PS1239HSIRICHANDANA JAGARLAMUDI87Motherson Sumi Systems Ltd.AUTOMOBILEMOTHERSUMIINE775A010352017A3PS1239HSOMLINA MUKHERJEE88MphasiS Ltd.ITMPHASISINE356A010182017AAPS1238HSOMLINA MUKHERJEE88Muthoot Finance Ltd.FINANCIAL SERVICESMUTHOOTFININE414G010122017AAPS0363HSRIYA SURI89NATCO Pharma Ltd.PHARMANATCOPHARMINE987B010262017AAPS0363HSRIYA SURI89NBCC (India) Ltd.CONSTRUCTIONNBCCINE095N010312017A1PS1495HSUBHAV MALHOTRA90NHPC Ltd.ENERGYNHPCINE848E010162017A1PS1495HSUBHAV MALHOTRA90NMDC Ltd.ENERGYNHPCINE584A010232017A1PS1307HSUHANI GUPTA91NTPC Ltd.ENERGYNTPCINE733E01010							
2017A2P51480HSHUBHAM SRIVASTAVA86Max Financial Services Ltd.FINANCIAL SERVICESMFSLINE180A010202017B3P51239HSIRICHANDANA JAGARLAMUDI87Motherson Sumi Systems Ltd.AUTOMOBILEMOTHERSUMIINE775A010352017B3P51239HSIRICHANDANA JAGARLAMUDI87Motherson Sumi Systems Ltd.AUTOMOBILEMOTHERSUMIINE775A010352017AAPS1238HSOMLINA MUKHERJEE88MphasiS Ltd.ITMPHASISINE356A010182017AAPS1238HSOMLINA MUKHERJEE88Muthoot Finance Ltd.FINANCIAL SERVICESMUTHOOTFININE414G010122017AAPS0363HSRIYA SURI89NATCO Pharma Ltd.PHARMANATCOPHARMINE987B010262017AAPS0363HSRIYA SURI89NBCC (India) Ltd.CONSTRUCTIONNBCCINE095N010312017A1PS1495HSUBHAV MALHOTRA90NHPC Ltd.ENERGYNHPCINE848E010162017A1PS1307HSUHANI GUPTA91NTPC Ltd.ENERGYNTPCINE733E010102017A1PS1307HSUHANI GUPTA91National Aluminium Co. Ltd.METALSNATIONALUMINE139A01034							
2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 Motherson Sumi Systems Ltd. AUTOMOBILE MOTHERSUMI INE775A01035 2017AAPS1238H SOMLINA MUKHERJEE 88 MphasiS Ltd. IT MPHASIS INE356A01018 2017AAPS1238H SOMLINA MUKHERJEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE414G01012 2017AAPS0363H SRIYA SURI 89 NATCO Pharma Ltd. PHARMA NATCOPHARM INE987B01026 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE095N01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1495H SUBHAV MALHOTRA 91 NTPC Ltd. ENERGY NTPC INE584A01023 2017A1PS1307H SUHANI GUPTA 91 National Aluminium Co. Ltd. METALS NATIONALUM INE139A01034	2017A2PS1480H	SHUBHAM SRIVASTAVA	86				INE585B01010
2017B3PS1239H SIRICHANDANA JAGARLAMUDI 87 Motherson Sumi Systems Ltd. AUTOMOBILE MOTHERSUMI INE775A01035 2017AAPS1238H SOMLINA MUKHERJEE 88 MyhasiS Ltd. IT MPHASIS INE356A01018 2017AAPS1238H SOMLINA MUKHERJEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE414G01012 2017AAPS0363H SRIYA SURI 89 NATCO Pharma Ltd. PHARMA NATCOPHARM INE987B01026 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE095N01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1495H SUBHAV MALHOTRA 91 NTPC Ltd. ENERGY NTPC INE584A01023 2017A1PS1307H SUHANI GUPTA 91 NTPC Ltd. ENERGY NTPC INE733E01010	2017A2PS1480H	SHUBHAM SRIVASTAVA	86	Max Financial Services Ltd.	FINANCIAL SERVICES	MFSL	INE180A01020
2017AAPS1238H SOMLINA MUKHERJEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE414G01012 2017AAPS0363H SRIYA SURI 89 NATCO Pharma Ltd. PHARMA NATCOPHARM INE987B01026 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE095N01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1495H SUBHAV MALHOTRA 90 NMDC Ltd. METALS NMDC INE584A01023 2017A1PS1307H SUHANI GUPTA 91 NATIONALUM INE733E01010	2017B3PS1239H	SIRICHANDANA JAGARLAMUDI	87	MindTree Ltd.	IΤ	MINDTREE	INE018I01017
2017AAPS1238H SOMLINA MUKHERJEE 88 Muthoot Finance Ltd. FINANCIAL SERVICES MUTHOOTFIN INE414G01012 2017AAPS0363H SRIYA SURI 89 NATCO Pharma Ltd. PHARMA NATCOPHARM INE987B01026 2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE095N01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1495H SUBHAV MALHOTRA 90 NMDC Ltd. METALS NMDC INE584A01023 2017A1PS1307H SUHANI GUPTA 91 NTPC Ltd. ENERGY NTPC INE733E01010	2017B3PS1239H	SIRICHANDANA JAGARLAMUDI	87	Motherson Sumi Systems Ltd.	AUTOMOBILE	MOTHERSUMI	INE775A01035
2017AAPS0363HSRIYA SURI89NATCO Pharma Ltd.PHARMANATCOPHARMINE987B010262017AAPS0363HSRIYA SURI89NBCC (India) Ltd.CONSTRUCTIONNBCCINE095N010312017A1PS1495HSUBHAV MALHOTRA90NHPC Ltd.ENERGYNHPCINE848E010162017A1PS1307HSUHANI GUPTA91NTPC Ltd.ENERGYNTPCINE733E010102017A1PS1307HSUHANI GUPTA91National Aluminium Co. Ltd.METALSNATIONALUMINE139A01034	2017AAPS1238H	SOMLINA MUKHERJEE	88	MphasiS Ltd.	IT	MPHASIS	INE356A01018
2017AAPS0363H SRIYA SURI 89 NBCC (India) Ltd. CONSTRUCTION NBCC INE095N01031 2017A1PS1495H SUBHAV MALHOTRA 90 NHPC Ltd. ENERGY NHPC INE848E01016 2017A1PS1495H SUBHAV MALHOTRA 90 NMDC Ltd. METALS NMDC INE584A01023 2017A1PS1307H SUHANI GUPTA 91 NTPC Ltd. ENERGY NTPC INE733E01010	2017AAPS1238H	SOMLINA MUKHERJEE	88	Muthoot Finance Ltd.	FINANCIAL SERVICES	MUTHOOTFIN	INE414G01012
2017A1PS1495HSUBHAV MALHOTRA90NHPC Ltd.ENERGYNHPCINE848E010162017A1PS1495HSUBHAV MALHOTRA90NMDC Ltd.METALSNMDCINE584A010232017A1PS1307HSUHANI GUPTA91NTPC Ltd.ENERGYNTPCINE733E010102017A1PS1307HSUHANI GUPTA91National Aluminium Co. Ltd.METALSNATIONALUMINE139A01034	2017AAPS0363H	SRIYA SURI	89	NATCO Pharma Ltd.	PHARMA	NATCOPHARM	INE987B01026
2017A1PS1495HSUBHAV MALHOTRA90NMDC Ltd.METALSNMDCINE584A010232017A1PS1307HSUHANI GUPTA91NTPC Ltd.ENERGYNTPCINE733E010102017A1PS1307HSUHANI GUPTA91National Aluminium Co. Ltd.METALSNATIONALUMINE139A01034	2017AAPS0363H	SRIYA SURI	89	NBCC (India) Ltd.	CONSTRUCTION	NBCC	INE095N01031
2017A1PS1307H SUHANI GUPTA 91 NTPC Ltd. ENERGY NTPC INE733E01010 2017A1PS1307H SUHANI GUPTA 91 National Aluminium Co. Ltd. METALS NATIONALUM INE139A01034	2017A1PS1495H	SUBHAV MALHOTRA	90	NHPC Ltd.	ENERGY	NHPC	INE848E01016
2017A1PS1307H SUHANI GUPTA 91 National Aluminium Co. Ltd. METALS NATIONALUM INE139A01034	2017A1PS1495H	SUBHAV MALHOTRA	90	NMDC Ltd.	METALS	NMDC	INE584A01023
	2017A1PS1307H	SUHANI GUPTA	91	NTPC Ltd.	ENERGY	NTPC	INE733E01010
2017AAPS0445H SUMANTH N 92 Nestle India Ltd. CONSUMER GOODS NESTLEIND INE239A01016	2017A1PS1307H	SUHANI GUPTA	91	National Aluminium Co. Ltd.	METALS	NATIONALUM	INE139A01034
	2017AAPS0445H	SUMANTH N	92	Nestle India Ltd.	CONSUMER GOODS	NESTLEIND	INE239A01016

ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
			Nippon Life India Asset			
2017AAPS0445H	SUMANTH N	92	Management Ltd.	FINANCIAL SERVICES	NAM-INDIA	INE298J01013
2017A1PS1059H	SUMAYYA KHAN	93	Oberoi Realty Ltd.	CONSTRUCTION	OBEROIRLTY	INE093I01010
2017A1PS1059H	SUMAYYA KHAN	93	Oil & Natural Gas Corporation Ltd.	ENERGY	ONGC	INE213A01029
2017A7PS0151H	TABISH JAVED	94	Oil India Ltd.	ENERGY	OIL	INE274J01014
			Oracle Financial Services Software			
2017A7PS0151H	TABISH JAVED	94	Ltd.	IT	OFSS	INE881D01027
2017A4PS0642H	VAIBHAV RATHORE	96	PI Industries Ltd.	FERTILISERS & PESTICIDES	PIIND	INE603J01030
2017A4PS0642H	VAIBHAV RATHORE	96	PNB Housing Finance Ltd.	FINANCIAL SERVICES	PNBHOUSING	INE572E01012
2017A3PS0551H	VALAVALA BHAVANA	97	Page Industries Ltd.	TEXTILES	PAGEIND	INE761H01022
2017A3PS0551H	VALAVALA BHAVANA	97	Petronet LNG Ltd.	ENERGY	PETRONET	INE347G01014
2017A2PS1579H	VATSALYA ANAND	98	Pfizer Ltd.	PHARMA	PFIZER	INE182A01018
2017A2PS1579H	VATSALYA ANAND	98	Pidilite Industries Ltd.	CHEMICALS	PIDILITIND	INE318A01026
2017ABPS1375H	VITHUN ATHREYA	100	Piramal Enterprises Ltd.	PHARMA	PEL	INE140A01024
2017ABPS1375H	VITHUN ATHREYA	100	Power Finance Corporation Ltd.	FINANCIAL SERVICES	PFC	INE134E01011
2017A7PS0275H	VUPPALA SATHYA	101	Power Grid Corporation of India Ltd.	ENERGY	POWERGRID	INE752E01010
2017A7PS0275H	VUPPALA SATHYA	101	Prestige Estates Projects Ltd.	CONSTRUCTION	PRESTIGE	INE811K01011
			Procter & Gamble Hygiene & Health			
2017A2PS0984H	YOGIT AGARWAL	102	Care Ltd.	CONSUMER GOODS	PGHH	INE179A01014
2017A2PS0984H	YOGIT AGARWAL	102	Punjab National Bank	FINANCIAL SERVICES	PNB	INE160A01022
	CHOWDARY,RAVELLA JAICHANDRA					
2017A4PS0725H	NATH	103	Quess Corp Ltd.	SERVICES	QUESS	INE615P01015
	CHOWDARY,RAVELLA JAICHANDRA					
2017A4PS0725H	NATH	103	RBL Bank Ltd.	FINANCIAL SERVICES	RBLBANK	INE976G01028
	REDDY,TATIREDDY SAI CHARAN					
2017A4PS0667H	KUMAR	104	REC Ltd.	FINANCIAL SERVICES	RECLTD	INE020B01018

ID	Name	S.No	Company Name	Industry	Symbol	ISIN Code
2017A4PS0667H	REDDY,TATIREDDY SAI CHARAN KUMAR	104	Rajesh Exports Ltd.	CONSUMER GOODS	RAJESHEXPO	INE343B01030
2017A2PS1540H	SARATH RAJA, YM SATYA LAKSHMI	105	Reliance Industries Ltd.	ENERGY	RELIANCE	INE002A01018
2017A2PS1540H	SARATH RAJA, YM SATYA LAKSHMI	105	SBI Life Insurance Company Ltd.	FINANCIAL SERVICES	SBILIFE	INE123W01016