

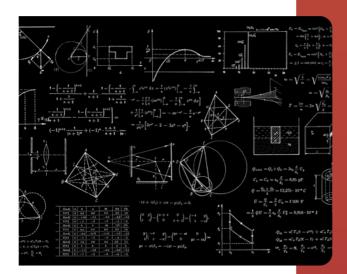


Placement Brochure 2021-2022



Domain Skills That MDAE Students Are Trained In.





Software And Programming Skills

- ► Python
- ►R
- ► SQL
- MS-Excel
- Tableau
- ► Power BI

Quantitative Skills

- Multivariate Calculus
- Multiple Linear Regression
- ► Logistic Regression
- Time Series Analysis And Forecasting
- ► Randomized Control Trials
- ► Machine Learning



Finance

- Financial Statement Analysis
- Discounted Cost Flow Modelling
- Debt, Equity And Derivative Market Analysis
- ► Risk Management
- Credit Analysis & Rating Methodology
- Business Valuation







- ► Insurtech
- ► Wealthtech
- ► HFT And Algo Trading
- ► Cryptocurrencies
- Blockchains
- Smart Contract
- ► DApps
- ► Stable Coins

Policy And Research

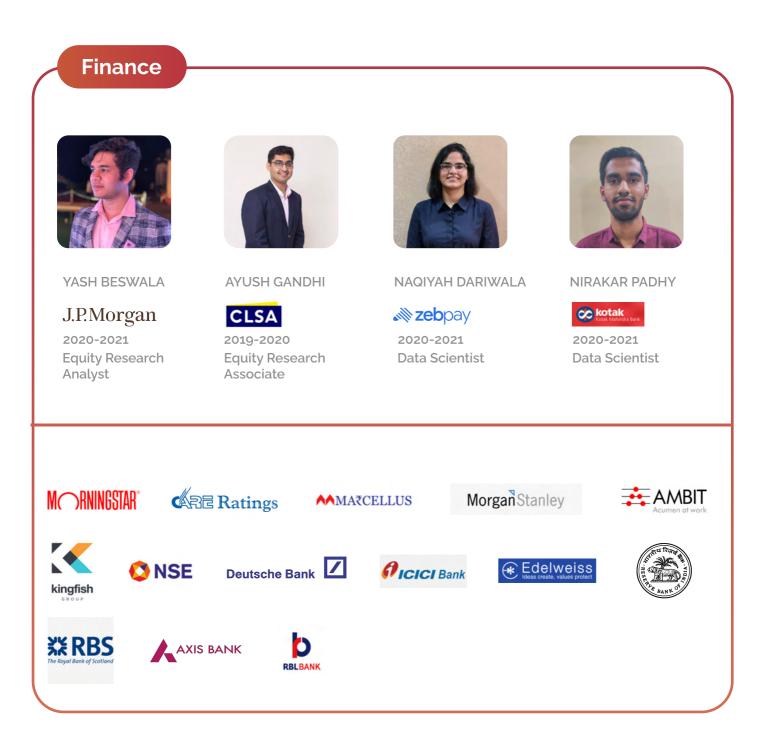
- > Behavioral And Experimental Economics
- ► Microfinance
- Research And Analysis
- ► Political Economy
- Dissertation



Economics

- Integrate Economic Concepts With Disciplines Like Sociology, History, Political Science And Psychology
- > Research And Statistical Analysis
- ► Real-World Markets, Economies And Policies
- ► International Affairs

Where MDAE Alumni Are Working



Consulting



MAHIMA SONI

Deloitte.

2020-2021 Economics Specialist



ABHIJEET SINGH

EY 2020-2021 Analyst



RITIKA RASTOGI

IDinsight

2017-2018 Senior Associate



PRIYANSHI DESAI

Deloitte. 2020-2021 Senior Consultant







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Data Science And Analytics Role



VALLARI NAIK



2018-2019 Trainee Decision Scientist



MOHAMMED KUDRATI



2017-2018 Associate, Data Analytics



POOJA JOSHI



2017-2018 Research Analyst, Data Analytics



SALONI MEHTA

2017-2018 Consultant, Data Analytics







Industry Role



NEETI LOTLIKER

ADITYA BIRLA GROUP

2020 - 2021 Research Associate



SANA PARIKH

AON

2020 - 2021 Senior Analyst



DEEPALI SHIRGAONKAR

Mahindra LOGISTICS

2020 - 2021 Executive CSR



GASPAR DSOUZA



2019-2020

Corporate Treasury, Economics & Strategy Trainee

Research Role







ELANDMARK

GROUP

KUSHAGRA NIRWAN

CMIE 2019-2020 Research Analyst



SOUNAK DAS

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2020 - 2021 Research Analyst



RAJ SINGH

2020 - 2021

The Economist

Analyst



ARSH MOGRE

2020 - 2021

Polling Analyst

Thomson Reuters







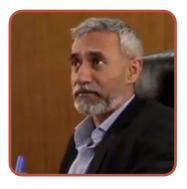


Recruiter Experiences



Dr. Reuben Abraham (CEO & Senior Fellow, IDFC Institute)

"We had an excellent experience working with a student from MDAE. Unlike most, he had an extraordinary curiosity and a willingness to learn and place textbook economics in their historical and political context, which itself involved digging into 500 years of political history. Based on the experience of working with him, we have made him an offer to join us full time once he graduates from MDAE"



Mr. Arijeet Banerjee (Ex – MD, Risk, Deustsche Bank) "We hired one of the students from the institute who turned out to be outstanding, performed better than most people that we have hired from MBA institutions"



Mr. Varun Ektare (Senior Scientist - Modelling and Meta-Analysis and India Office Lead), Pharmerit (an OPEN Health company) "We couldn't have been happier with our experience of hiring a student for a full-time position from MDAE. Despite the remote start to her career, she has shown great resilience in adapting to the new workplace and has quickly become an important part of the team. She has outstanding communication skills, great attention to detail and an uncanny ability to pick up new concepts and tools effortlessly. Most importantly she has been going above and beyond on her projects to help the team produce high-quality deliverables on time."



Mr. Santanu Sengupta (Ex-Head, Treasury Economics & Strategy, Reliance Industries)

"We have had a very good experience with a student from MDAE who has been working with us over the past three years. Practical exposure is what differentiates MDAE students, and we observed that she was able to close the gap between academia, and real-life faster than fresh graduates from other renowned institutes. MDAE is doing a stellar job in preparing candidates for the job market."

World-Class Education And Pedagogy



POST GRADUATE PROGRAM IN ECONOMICS

Overview

A flagship program that acts like it – PGP in Economics. The PGP in Economics Program has been designed to equip students with the right quantitative, analytical, and data tools required to start a career as a market economist with banks, governments, multilateral institutions, think tanks, or other private sector firms.





Learning outcomes

Macroeconomics and Microeconomics

Interpret economic data and make sense of them, connect the dots of politics, economics, history, and society, and understand which of them is the more important force and in what circumstances. Rigorous understanding of markets and how they function, ability to critically evaluate academic and policy research.



Econometrics

Familiarity with the theoretical underpinnings of time series analysis, be able to build models with time-series data, run them, and interpret the results on R. Evaluate public policies using modern econometric tools of causal inference. Randomised control trials and Logistic Regression are two of the key topics.



Public Policy

Conduct experiments (both in the laboratory and in the field) and use the data from the experiments to evaluate theories as well as to test and fine-tune policies that could not be easily tested with naturally-occurring data. Analyse complex public policy issues as well as compare the merits and demerits of different policy approaches to a particular problem using insights from behavioural economics.



POST GRADUATE PROGRAM IN DATA SCIENCE AND FINANCE

Objective

A modern course for the new-age, data-driven world, the PGP in Data Science and Finance Program is at the intersection of Data, Finance, and Technology. The program trains students in the core areas of data sciences and prepares them to take on any data-driven role. It lays special focus on Finance and Financial Technologies to help students build a niche for themselves in the market.

 Key Modules Learnt

 Advanced Programming
 Machine Learning
 Data Visualization

 Quant Finance
 Time-Series Analysis
 Technologies in Finance



Learning outcomes

Programming using Python and Machine Learning

Develop strong Python programming skills and learn to apply them in real world scenarios using mathematics and advanced machine learning algrithms.



<u>Finance</u>

Expertise in key areas of finance like Corporate Finance, Debt, Equity and Derivatives markets, Risk Analysis, Business Valuation, and learn to apply them in datadriven roles using advanced Quant Finance techniques.



Data Wrangling and Visualization

Develop essential data analysis skills database management using SQL and Python, Relational database fundamentals, Shaping and Cleaning and Analysis of large data sets. Moreover, learn to build interactive dashboards using the data set with Tableau and PowerBI.



Technologies in Finance

Learn about new-age technologies like Fintech, Robotic Process Automation (RPA's), Digital Banking HFT's, Blockchain & Cryptocurrency, DeFi among others, and their applications in the real-world.

The Present: A Look At Our Current Batch

Batch Size: 50 Economics 73% Data 27% Science & Finance	Gender Male 47% Female 53%
Educational Background Economics 66% Mathematics 4% Engineering 8% Commerce 14% Finance 4% Mass Media 2% Physics 2%	Experience Freshers 18% Full Time 22% Freshers 60% With Internships
Geographical Diversity Mumbai Delhi Pune Bengaluru Other	Beyond AcademicsInternational Experience22%Entrepreneurship Experience16%Sports Experience12%
Age Group (years) 20-22 69% 23-28 24% 29-34 6%	Average Work ExperienceInternship Experience4.8(Months)2.9Full Time Experience2.9(Years)2.9

Excelling At Education

Alumni Pursuing Further Education Across Top Global Universities



The Guiding Lights Of MDAE



Dr. Ajit Ranade President & Chief Economist, Aditya Birla Group



Dr. Tushar Poddar Macro Strategist, Wellington Management



Dr. Mangal Goswami Executive Director, South East Asian Central Bank (SEACEN)



Dr. Niranjan Rajadhyaksha Research Director & Senior Fellow, IDFC Insitute

Advisory Board



P. D. Singh Managing Director, Head, Financial Institutions & Corporate Coverage, J.P.Morgan Chase



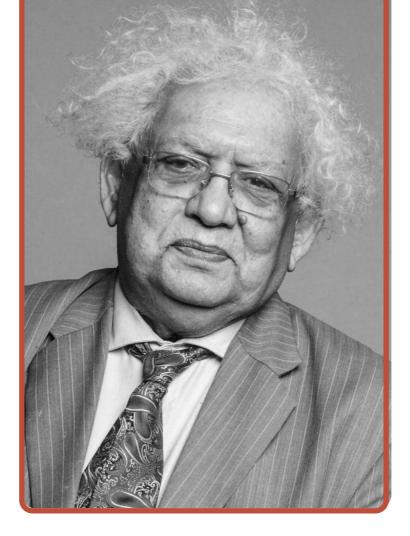
Roopank Chaudhary Partner & CCO, Human Capital Solutions, India and South Asia, AON



Arijeet Banerjee Head, Corporate Risk, Wells Fargo – EGS



Dharmakirti Joshi Chief Economist, Crisil



"Economics education in India has not kept pace with developments in the workplace. There is a dearth of post-graduate programs which marry strong theoretical foundations with applied skills necessary for a rapidly globalising economy. In particular, the Global Financial Crisis and the rise of Big Data have generated a need for a more practical education where students of economics and finance develop a new toolkit to analyse and address real-world problems."

LORD MEGHNAD DESAI

Chairman, MDAE





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