



BSE
INSTITUTE LIMITED

**ADDRESS MATTERS.
AND SO DOES YOUR
FIRST CAREER MOVE**

Bachelors in Computer Application FinTech

Now at

Dr. M.G.R

EDUCATIONAL AND RESEARCH INSTITUTE

To Register call now - Admin : +91 44 2378 2176/44 2378 2186/44 2378 2085

About BSE Institute Limited.

The BSE Institute Limited (BIL) inherits from BSE, knowledge and insights into the capital markets industry, garnered over the past 144 years. BIL is a wholly owned subsidiary of BSE Limited. BIL has over 149 Global Connections with Universities and other Institutions from around the world. The Institute offers over 150 programs and trains over 20,000+ participants yearly. Programs ranging from 1-day workshops to 2-year, full time post graduate programs in Financial Markets and Financial Technology. The faculty team includes over 300 world-class practitioners. BIL also conducts certification exams for financial market professionals and certifies over 20,000+ market professionals every year. BSE Institute Limited is also the promoter of BFSI Sector Skill Council of India & Zone Startups India. BFSI Sector Skill Council of India is a nodal body between the Industry & National Skill Development Corporation Ltd., It helps implement all the national skills program on behalf of the Government of India. Zone Startups India, is a leading startup accelerator in India & the world's first startup accelerator setup within a Stock Exchange. Zone Startups India has incubated close to 180 startups till date and raised approximately 40 Million USD to help start ups grow. BSE Institute Limited was assessed and certified with ISO 9001:2008

About Dr. MGR University

Aiming to bring about change and progress through education, the Tmt.Kannammal Educational Trust was constituted in 1985 and started Thai Moogambigai Polytechnic College. Within three years of its inception, Dr. M.G.R. Engineering College was founded in 1988, and the Thai Moogambigai Dental College was started in the year 1991. Both the colleges acquired Deemed University status in 2003 as Dr. M.G.R. Educational and Research Institute as per the orders of the University Grants Commission, New Delhi and the Union Ministry of Human Resources and Development, Government of India, New Delhi.

The 21st century poses a lot of challenges that could be overcome with the help of education and technology. Keeping this in mind Dr. M.G.R Educational and Research Institute University was started with a vision of providing a better foothold for the students of today to face the challenges. To succeed in the world today you need more than just academics. The modern adult is expected to have a combination of technical know-how and ambitious confidence. Being aware of the demand that is placed on the youth today, Dr. M.G.R. Educational and Research Institute University has preserved to nurture and groom young men and women through Engineering, Medical, Dental and Humanities and Sciences.

Program Highlight

- ✓ Interactive lectures
- ✓ Case study discussions
- ✓ Hands on sessions
- ✓ Interactive simulation labs
- ✓ Working on near real-time data
- ✓ Preparing Sessions for Regular Exams
- ✓ Industry Practice

Growing Demand

FinTech Industry Size



\$ 4.7 Trillion
(as of 2017)

India FinTech Market



\$ 2 Billion 1.7 Times current
(Projected for 2020)

India among the top 3 countries in the world with the Highest number of FinTech Startups

Employment Landscape

- Paytm
- Bank Bazaar
- FreeCharge
- Lets Talk Payments
- Capital Float
- Instamojo
- MobiKwik
- Razorpay
- Mswipe
- Ispirt
- LendingKart

Program Methodology

Job Placements

Placement with brokerage firms, merchant banks, corporate banks, IT companies, KPOs, regulatory bodies and other financial institutions.

In Class

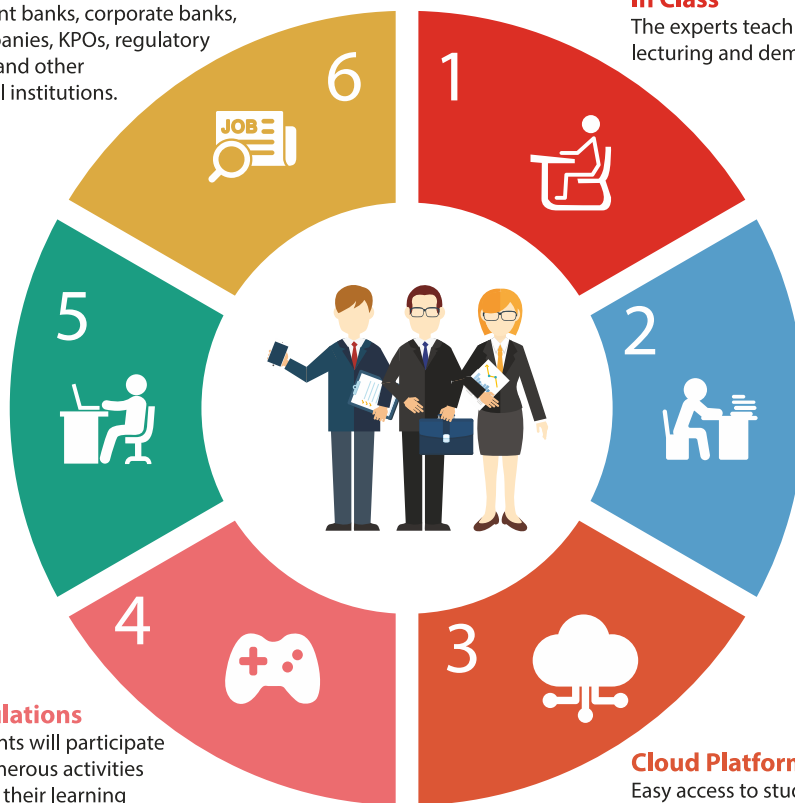
The experts teach by lecturing and demonstrating.

Industry Practice

Students will be placed in live project teams in the industry to experience the complex, real world of finance and understand the diverse roles they will be required to perform.

After Class

Learning exercises designed for students to apply the theories and develop understanding.



Simulations

Students will participate in numerous activities to put their learning in action.

Cloud Platform

Easy access to study lessons & others interactive assignments.

Curriculum Details

SEMESTER I

- Introduction to Financial Market
- Computer Architecture & Organization
- Programming in C
- Retail Banking Technology and Operations
- Operating System
- Programming in C Lab
- Operating System Lab

SEMESTER II

- Introduction to FinTech
- Object Oriented Programming using Java
- Data Structures and Algorithms
- Probability & Statistics - I
- Robo-Advisors and Systematic Trading
- Object Oriented Programming using Java Lab
- Data Structures and Algorithms Lab

SEMESTER III

- Software Engineering
- Database Management Systems
- Probability & Statistics - II
- Computer Networks
- Scientific Programming Using R (Tool Based)
- Database Management Systems Lab
- Software Engineering Lab

SEMESTER IV

- Data Manipulation Using PL / SQL Programming
- Technical Analysis
- Derivatives
- Quantitative and Statistical Concepts
- Financial Modelling
- FinTech Analysis: Data Driven Credit Modelling
- Algorithmic Trading

SEMESTER V

- Times Series Analysis
- Cloud Computing
- Cyber security Technology and Applications
- Data Visualization (Tool Based)
- Times Series Analysis Lab
- Cloud Computing Lab

SEMESTER VI

- Introduction to Robo-Advisory
- Blockchain Technology and Practical Use Cases
- Corporate Banking Operations
- Business Data Analytics
- Neural Networks
- Financial Risk Management: Technology and operations
- Project and Viva



College Address:

2nd floor room 203, Anna block,
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