FORE

FORE School of Management

PROFESSIONAL CERTIFICATE IN

BIG DATA
ANALYTICS &
APPLIED DATA SCIENCE

PROGRAM OBJECTIVE

Applications of Big Data transcend disciplines. Use of predictive analytics pervades diverse disciplines as oil and gas, marketing and sales, sports, molecular biology, drug-designing, waste management, finance and the list is very long. Smart cities, for example, are the melting pot where variety of big data technologies mesh with one another to transform a city into a semi-intelligent being. In Marketing and Sales, for example, Big Data is fast emerging as a potent tool to gain deeper insights into Customer behavior and thereby act as a strong driver in spurring innovation. In manufacturing, operations managers are employing advanced analytics on historical process data to identify patterns and relationships among discrete process steps and inputs, and then optimize the factors that prove to have the greatest effect on yield.

FORE School of Management New Delhi along with Tech Mahindra Growth Factories Ltd, will prepare the future Big Data Engineers to fulfill the market demand.

WHO SHOULD ATTEND

Data being ubiquitous, the program cuts-across job or academic profiles. The techniques taught are generic in nature. These will be valuable to anyone who wishes to interpret data to advance his/her knowledge and insights of environment. Specifically, the course will be useful to:

STUDENTS/RESEARCH SCHOLARS

3rd & 4th year/ Final Year students currently enrolled in Engineering / PGDM/ MBA or any graduate or post-graduate program who have had an introductory course in Mathematics & statistics. These students can look forward to better placement opportunities with added skill set.

EXECUTIVES

Ambitious Executives (from Private/Public sectors) with 0-3 year of experience looking forward to sharpening their skills in making sense of data in order to innovate and add more value to their organization and to society.

DATA SCIENTISTS/ DEVELOPERS

Techniques taught to them will have applications in a broad array of disciplines.

PEDAGOGY

Pedagogy will include:

1. Online Classroom Learning (Live Interactive sessions, Case Studies, Assessments)
2. Virtual Machine (VM) having Big Data Lab (Working on tools like Hadoop, Spark, Hive, Tableau)
3. Interactive Sessions by Industry Experts
4. Capstone Project (Solving real-world problems using a range of techniques & tools)

Practical Exercises on real industry data

COURSE MODULES

- Data Boomer
- Data Analyst
- Data Visualization & Presentation
- Big Data Analytics & Platforms
- Big Data Scientist

COURSE SCHEDULE

COURSE DURATION
11 Months**
(**Total 200 hours of Learning)

COURSE SCHEDULE
Saturday & Sunday

COURSE TIMING
03:00 pm - 05:30 pm

PROGRAM FEE

		Registration Fees	Admission Fee	1st Installment	2nd Installment
₹1,20,000/- +GST	Date	17-June-2019	17-June-2019	September'19	January'20
	Amount	₹20,000/-*	₹35,000/-	₹35,000/-	₹30,000/-

E-resources/Virtual Machine containing learning ecosystems & Softwares (Mandatory Fees):

₹5,000 +GST per participant, payable to 'FORE School of Management, New Delhi'

* Any request for refund of registration fees on account of valid reason prior to the closure of registrations or 10 working days before the date of course commencement whichever is earlier, the amount paid shall be refunded with a deduction of ₹5,000 + applicable taxes.

ABOUT THE INSTITUTE

FORE School of Management, New Delhi (FORE) has been established in 1992, by the Foundation for Organisational Research and Education, a non-profit organisation, with a mission "To achieve and sustain Leadership in Management Education, Research, Consultancy and Development". With a sharp focus on Management Education, Executive Education Programmes/MDPs, Consulting and Research, FORE stands amongst the Top Business Schools in the country.

Eminent academicians with many years of experience & experts from industry, recognized nationally & internationally, constitute faculty at FORE. FORE has in-house training facilitators in the field of Big Data Analytics, Communication, OB & HR, Finance, Operations, Marketing, IT, International Business and Strategic Decision Making.

FORE conducts Executive Education Programmes **(EEPs)** to equip participants with knowledge, skills & attitudes required for effectively responding to global developments & competitive requirements. Our EEPs are designed with an appropriate blend of conceptual & experiential learning.

ABOUT FACULTY

Program Director

Shilpi Jain is a Professor of Business Administration in the Information Technology Department at FORE School of Management, and the faculty chair of Computer Center Advisory and Purchase Committee. She also serves on the institute's Research Committee. Prof. Jain has held research positions in a variety of functional areas. During her stint at Infosys Research Labs, she has designed prototypes for virtual teams enabling paired programming, country risk analysis framework, and a prototype for dynamic resource sharing across geographies. Her current research is in applied and empirical software engineering, user behavior on social media & e-commerce, digital inclusion at grassroots level, and adoption of disruptive technologies, which includes digital currency, gamification, and enterprise systems on cloud. She chairs several executive education programs on e-commerce strategies, disruptive technologies, managing business on cloud, data summarization, and business storytelling with data. A regular author in National Newspaper, she has coauthored numerous business case studies and research articles in journals including Ivey Publishing, ACRC, ACRJ, WDI, and Team Performance Management. She has been presenting her research in conferences of repute.

Dr. Jitendra K. Das
Faculty Profile

Prof. Ashok Kumar Harnal
Faculty Profile

Prof. Rakhi Tripathi
Faculty Profile

Prof. Hitesh Arora
Faculty Profile

EDUCATION LANES

A Mahindra Group Initiative

ABOUT EDUCATION LANES

Education Lanes is Tech Mahindra Growth Factories' initiative that offers certificate programs from premier institutes on a virtual platform. Education Lanes offers a comprehensive direct-to-device education suite with real-time interactive and participative virtual classroom sessions.

For queries, call us at: 9975806184 | Email: Rahul.singh18@techmgfl.com | www.educationlanes.com

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