PGDM – Big Data Analytics

(Full-Time Programme – 12 Months)

Acquire a specialised diploma from IISWBM & launch your career in the lucrative field of big data analytics.

Admission 2016-17

Industry Collaborator

iiNURTURE
Education Solutions
—TOMORROW'S HERE—

www.inurture.co.in

Director's Desk

We are at the beginning of a new era, the era of knowledge management and network economy. Business worldwide is witnessing intense and drastic changes. Our Institute, the first management Institute in India, is recognised as one of the premier B-Schools in the country with alumni all over the world having contributed substantially to their field. Our vision is to make IISWBM a globally visible centre for excellence in management education.

It is our pleasure to announce the second year of the Postgraduate Diploma Programme in Big Data Analytics in collaboration with iNurture for the academic session 2016-17. This course need not be seen only in the context of market demand, it also provides additional employment opportunity to bright young students, or combats the challenge of global recession. This course has an in-built element of social welfare.

We are committed to providing a complete learning environment to our students to equip them to manage organisations of tomorrow with new ideas which can provide the leverage and the power to meet the challenges. The curriculum, teaching pedagogy and use of IT facilities are constantly benchmarked and updated. We are focused on meeting the changing need of the students and the corporate world.

We are confident that this course will become an instrument to promote inclusive growth and ensure that the fruits of economic development reach broader masses of the society. We would like to reiterate that the link between IISWBM and iNurture would be further strengthened and widened not only for mutual benefit, but also for the entire academic community and society, at large.

Prof. (Dr.) Amitava Sarkar
Director

About Indian Institute of Social Welfare & Business Management (IISWBM)

IISWBM was constituted on 25th April 1953 by a resolution passed by the Senate of the University of Calcutta. This was the culmination of the joint initiative taken by the University of Calcutta, the Government of West Bengal, the Government of India and the captains of industry in India to set up for the first time a management education institute in India, a concept alien to many in the educational fraternity at that time. The institute has successfully reached its Diamond Jubilee Year, signifying 60 years of eventful journey in management education in India since that day. IISWBM, the first management institute of India, was thus established by Dr. B.C. Roy, the then Chief Minister of West Bengal as its Founder-President and Prof. D.K. Sanyal as the first Director. The Government of India, Department of Posts in recognition of 50 years of glorious existence of the first B-school in the country, released a Commemorative Postage Stamp on IISWBM, on 25th April 2004 in New Delhi.

Apart from the flagship programmes MBA, MHRM, MPSM, MBA (Public System) & M.S.W, the institute conducts M.Phil and Doctoral Programmes. Most of these programmes are affiliated with the University of Calcutta. IISWBM is known for introducing and successfully conducting socially relevant and innovative management programmes. In its Diamond Jubilee Year, IISWBM has joined hands with the largest media conglomerate in the East, ABP Pvt. Ltd., and one of the most diversified media groups in the country to offer Post Graduate Diploma Programmes in Integrated Marketing Communication and in Television Management. The institute also offers specialised progammes in Fire Management. The institute takes pride in its faculty that consistently ranks highest amongst premier B-Schools in terms of intellectual capital. The faculty is dedicated to the development of students and the institute and regularly engages itself in research. Several faculty members have won several prestigious awards over the years.

The institute boasts of alumni in several prestigious organisations both in India and abroad. The alumni are respected for their knowledge, commitment, loyalty and ethical values in this fast changing world. Mr. L.N. Mittal, Mr. Bhaskar Das, Executive Director - Times of India, Mr. Sudhir Jalan, President AIMA, Mr. C.V. Chandrasekharan, MD - Balmer Lawrie Group, Mr. Ashok Mukherjee, Senior GM (HR) - TCS are among our distinguished alumni.

About iNurture Education Solutions; Our Industry Collaborator

Established in the year 2009, iNurture strives to strengthen the employability quotient across the complete spectrum of adult learning, from colleges to corporate. iNurture supports universities and autonomous institutions to offer new-age UG and PG programmes that help students become career-ready and land jobs in fast-growing sectors of the economy. Meanwhile, its short-term corporate programmes help busy professionals upskill themselves in various industry domains and accelerate their career progress.

iNurture focuses on fast-growing, new-age verticals such as Information Technology (Cloud Technology, Information Security, IT Infrastructure, Mobile Application, Big Data, and Web Technologies), Marketing Leadership & Innovation, e-Commerce, Financial Services, Business Analytics, Tourism & Hospitality, New Media (Digital Filmmaking, Visual Effects, and Animation), and Design* (User Interface and Interaction Engineering, Creative Coding, Digital Media Production, Digital Filmmaking, Design & Build – K12 Learning, Creative Manufacturing, and Design & Build – Interiors).

Undergraduate Technical Programmes in Design - B.Voc from Srishti Institute of Art, Design & Technology, Bangalore.

IISWBM - iNurture Education Solutions Collaboration

IISWBM and iNurture Education Solutions have come together to offer advanced, career-ready Postgraduate Diploma in a fast-growing, new-age industry sector.

PGDM – Big Data Analytics
(Full-Time Programme – 12 Months)

Skills | Applications | Practices

About the Programme

The new-age Post Graduate Diploma in Big Data Analytics is a unique specialisation offered by IISWBM. The programme has been designed by industry veterans to groom students for the competitive and fast-growing sector of big data analytics. The curriculum has been prepared with industry requirements in mind and emphasises practical, application-oriented learning.

Programme Objectives

Most industry sectors have recognised the value that big data analytics can provide in not only driving compelling business solutions, but also in helping them to differentiate themselves to customers, investors and regulators. The global big data analytics industry is a USD 105 billion market, growing at a CAGR of 8%. India, with its surfeit of talent, has become the analytics hub for organisations across the world. Large corporate like Walmart, Target, Citibank, ICICI Bank, Airtel and Vodafone are increasingly adopting analytics in their processes. Consulting giants like PwC, IBM, Accenture and Infosys have large teams offering analytics solutions to their clients. All of these translate into a huge global and domestic demand for big data analytics professionals.

The curriculum is designed to provide in-depth, hands-on understanding of big data analytics techniques to analyse and solve problems conceptually and practically.

Eligibility

1. Minimum 50% marks in Graduation

2. Reasonably good quantitative aptitude

3. Minimum 60% score in entrance test

Curriculum*

Semester 1

Business Foundation
DBMS and Data Warehousing
Statistics for Business
Introduction to Business Analytics
Spreadsheet Modelling and Decision Analysis
Research Methodology

Semester 2

Multivariate Data Analysis – 1
Multivariate Data Analysis – 2
Big Data Analytics
Data Mining and Optimization
Project

* Subject to changes made by University

Market Growth Potential of Big Data Analytics

The big data analytics market has just entered its growth stage and is expected to have an exponential rise in the coming years. Today, companies want real-time data-based solutions to analyse every aspect of their business. Analytics solutions are gaining traction in different industry verticals such as BFSI, energy and utilities, education, healthcare, manufacturing, media and entertainment, retail, telecom and IT.

Top companies claim big data analytics as a differentiator. 75% of leaders cite growth as the key source of value from analytics. (Source: Bain & Company)

The Big Data technology and services market represents a fast-growing multibillion-dollar worldwide opportunity. In fact, a recent IDC forecast shows that the big data technology and services market will grow at a 26.4% compound annual growth rate to $41.5 billion through 2018, or about six times the growth rate of the overall information technology market.

McKinsey Global Institute estimates that by 2018, "the United States alone could face a shortage of 140,000 to 190,000 people with deep analytical skills as well as 1.5 million managers and analysts with the know-how to use the analysis of big data to make effective decisions."

NASSCOM has estimated that the demand for analytics professionals in India will grow from 50,000 to 2,50,000 in the next two years.

To Greater Heights!

An overview of possible career progression path for Big Data professionals*

Big Data Analytics

Level	Entry Level (0-1 yrs exp)	Mid Level (3-5 yrs exp)	Advanced Level (8+ yrs exp)
Any Sector	Junior Data Management Analyst	Senior Data Management Analyst Analytics Manager	Senior Manager – Analytics Data Management Director
	Junior Business Analyst	Mid-Level Business Analyst	Senior Manager – Analytics Vice President – Analytics
	Data Analyst	Senior Data Analyst	Director
	Junior Data Miner Analytics Consultant Statistician	Senior Data Scientist Senior Data Miner Senior Analytics Consultant Senior Statistician	Principal Analytics Consultant Senior Manager Analytics
	Junior Predictive Modelling Analyst	Mid-level Predictive Modelling Analyst	Senior Predictive Modelling Analyst Senior Manager
	Research Analyst	Mid-level Research Analyst	
Self - employment	Compensation commensurate with the efforts put in		

*Terms & Conditions Apply

Why Choose this Programme?

▶ Up-to-date, industry-ready curriculum

▶ Best-in-class faculty, with many members having industry experience & industry/vendor certifications*

▶ Reputed institute with excellent campus and infrastructure

▶ Vibrant industry interface which ensures continued exposure and interaction with industry

▶ Technology-enabled learning with learning management system and e-learning

▶ Application-oriented, hands-on learning

▶ Soft skills and aptitude training to assist in good placement and quick career progression

▶ Regular business management subjects and specialised topics in big data analytics

▶ 100% placement support*

*Terms & Conditions Apply

Programme Fee Structure

The programme fee for 1-year PGDM - Big Data Analytics is Rs. 2,00,000/-

1st Semester - Rs. 1,00,000/-

2nd Semester - Rs. 1,00,000/-

Caution deposit - Rs. 10,000/-

Partial List of Organisations Where Our Students Received Employment Opportunities*

Goldman Sachs · ORACLE · KPMG · AXIS BANK · DELL

Target · AMERICAN EXPRESS · :practo · BAJAJ Allianz · HDFC BANK – We understand your world

EY · BAJAJ CAPITAL – ALWAYS ACTING IN YOUR INTEREST (S) · Copal Amba – A Moody's Analytics Company · jaro education · ICICI PRUDENTIAL LIFE INSURANCE

UAE XCHANGE · Sharekhan · IIFL · IndiaInfoline – IT'S ALL ABOUT MONEY, HONEY! · Go4Advisory

Kunvarji · SNL Financial · Angel Broking · bharti AXA · Raah Financials

GSTV · BIZWINGS · KHANDWALA SECURITIES LIMITED · ANAND RATHI · Pramerica

SBI Life INSURANCE – With Us, You're Sure · IL&FS · HARVEST · Indiabulls · ARYA MARKET RESEARCH

*Terms & Conditions Apply

Industry Endorsements

We have hired students from iNurture and we find the students much more capable and can be immediately deployed for our project. We appreciate for conducting new age courses which are the need of the industry.

- Vihal Patel
iPower Softwares.

Being in the IT industry and Information Security Industry for more than 25 years, I am very happy that today, we have programs in India which focus exclusively on Cloud and Infrastructure Technologies.

I have been associated with the team of iNurture and their approach in making "Latest Technologies" available to the students. I believe that this approach will help the students to get better jobs and careers"

- Veeradhi Babji, General Manager-Global Infrastructure Services
Wipro Technologies

In today's competitive market, an IT company requires skilled developers who have practical exposure as per the IT company's need. We have been associated with iNurture for the last couple of years, and we get candidates who can immediately switch to live projects. We appreciate this initiative of iNurture, and we would like to have such advanced courses as per the company's need.

- Pragnesh Dixit
CEO
TriState Technology

"I have gone through the syllabus and course content, and I am convinced that the efforts put by iNurture in designing the syllabus curriculum and content for these courses are in line with current industry trends. The courses emphasize more on practicals, which is a very good initiative for better learning. The courses when delivered by skilled faculties in this model will definitely enhance students' knowledge and equip them with necessary skills to seek and grab a good job as the knowledge and skills gained will open the doors for vast career growth and tremendous job opportunities in the booming IT Industry."

- Samrat Mitra
Technical Manager (Ex)
ITC Infotech, Bangalore

IISWBM

Indian Institute of Social Welfare and Business Management

INDIAN INSTITUTE OF SOCIAL WELFARE AND BUSINESS MANAGEMENT

MANAGEMENT HOUSE, COLLEGE SQUARE WEST, KOLKATA - 700 073

PGDM – Big Data Analytics
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APPLICATION FOR ADMISSION

Name : Mr/Ms. _____   _____   _____

(IN CAPITAL LETTERS)   FIRST NAME   MIDDLE NAME   SURNAME

Father's / Husband's Name :

Date of Birth : ☐☐☐☐☐☐☐☐   Sex : | Male | Female |

Affix a recent Stamp Size Photograph

Mailing Address :

  Phone No.

  Residence :

  Mobile :   Email :

Nationality: Religion: Caste:

Academic Qualification [Beginning with School up to Post Graduate, if any]

Examination	Board/ University (Name in Full)	College/Institution	Year	Main Subject (Specify Honours)	Marks Obtained	% of Marks	Class/ Div.

Other Qualification / Extra Curricular Activities :

Details of Job Experience, if any (Please enclose a copy of your employment certificate)

Organisation	Designation	Department	Salary	Period of Service

Date: _____

_____
Full Signature of the Applicant

100%
PLACEMENT SUPPORT*

*Terms & Conditions Apply

IISWBM
Indian Institute of Social Welfare and Business Management

Indian Institute of Social Welfare and Business Management (IISWBM)

Management House, College, Square West Kolkata-700 073

www.iiswbm.edu

For Enquiries & Admissions, Contact: **9650029112**