

Department of Management Studies
JNNCE, Shivamogga

Report on 'Five days FDP on – Big Data for Business Management' for faculty of MBA'

The Department of Management Studies had organised a five days Faculty Development Program on 'Big Data for Business Management' for the faculty of MBA. The program was conducted from 03.07.2017 to 07.07.2017. The FDP was inaugurated by Dr. H R Mahadevaswamy, Principal JNNCE. The sessions of the program were held at the computer centre of the department. Each faculty were provided a separate terminal to experience hands on practice on different aspects of Big Data analysis. The study materials were also provided to the participants in soft copy form. The program was conducted as per the schedule shown below;

Date	Resource person	Contents
03.07.2017 to 04.07.2017 (Two days)	Dr Lalith Achoth, Director Dairy Science College, Bangalore	Excel Basics- Formulas, data manipulation, logical statements, pivot tables, Graphs, charts, Introduction to R software, Logistic regression, Multivariate statistics, Factor Analysis and principal component analysis, Cluster analysis- Hierarchical and K-mean, Business analysis and Forecasting Time Series Data and its components ARIMA, ARCH/GARCH
05.07.2017 to 07.07.2017 (Three days)	Dr Jasma Balasangameshwara, Assoc Prof, Department of Computer Technology, Dayananda Sagar University, Bangalore	Age of Big Data & Big Data Technologies, Need of Big Data, Technology for Business Intelligence, Examples, Big Data, Exercise Problems, Cloud Computing for Big Data & Big Data, Case Studies, Introduction to Google Big Query, Data Analysis Using Google Big Query, Machine Learning Using Big Data Technologies, Machine Learning Using Tensor Flow, Introduction to Google Big Query, Data Analysis Using Google Big Query, Machine Learning Using Big Data Technologies, Machine Learning Using Tensor Flow, Apache Spark Overview, Data Analysis Using Apache Spark, High Performance Computing

The details of the expenditure incurred for the program is given below;

Sl.No.	Particulars	Amount in Rs
1	Remuneration to Dr Lalith Achoth (Two days)	12,000
2	Remuneration to Dr Jasma Balasangameshwara (Three days)	17,000
3	Mess Charges	5,380
4	Accommodations to resource persons	4,368
5	Stationery (files) to participants	573
	Total	39,321

FDP Co-ordinator *Lakshmeesha Kanti K S*
LAKSHMEESHA KANTI K S & Dr SANTHOSHA

Dr C Sri Kant
HOD - MBA
(Dr C SRIKANT)

H R Mahadevaswamy
PRINCIPAL

EST
H R Mahadevaswamy



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Shivamogga-57204**

**Department of Management Studies
Faculty Development Programme
On Big Data for Business Management**

(3rd July 2017 to 7th July 2017)

Program Schedule

























Day	Particulars/Concepts		
Day-1 03/07/2017	Excel Basics- Formulas, data manipulation, logical statements, pivot tables, Graphs, charts Introduction to R software Introductory statistics Measures of central tendency Regression Correlation Logistic regression Multivariate statistics Factor Analysis and principal component analysis Cluster analysis- Hierarchical and K-mean		Dr. Lalith Achoth
Day-2 04/07/2017	Optimization techniques - Linear Programming - Transportation problems - Project scheduling techniques PERT/CPM Business analysis and Forecasting Time Series Data and its components ARIMA, ARCH/GARCH		Dr. Lalith Achoth
Day-3 05/07/2017	Age of Big Data & Big Data Technologies	Big Data, Hadoop, MapReduce, Hadoop Ecosystem &NoSQL Models	Dr. Jasma Balasangameshwra
	Need of Big Data Technology for Business Intelligence, Examples	Microsoft Azure, HDInsight, Google App Engine, Amazon Web Services & Crowd Sourcing	
	Big Data Exercise Problems	Real-Time Big Data Sets	

	Cloud Computing for Big Data & Big Data Case Studies	IaaS, PaaS, SaaS, Credit Card Fraud Detection Using Big Data & FaceBook	
Day-4 06/07/2017	Introduction to Google Big Query	Google Big Query Engine, SQL & Hive QL	Dr. Jasma Balasangameshwra
	Data Analysis Using Google Big Query	Writing & Executing Queries	
	Machine Learning Using Big Data Technologies	Overview, Types, Classes, Techniques & Applications	
	Machine Learning Using TensorFlow	Writing & Executing Programs	
Day-4 06/07/2017	Introduction to Google Big Query	Google Big Query Engine, SQL & Hive QL	Dr. Jasma Balasangameshwra
	Data Analysis Using Google Big Query	Writing & Executing Queries	
	Machine Learning Using Big Data Technologies	Overview, Types, Classes, Techniques & Applications	
	Machine Learning Using TensorFlow	Writing & Executing Programs	
Day-5 07/07/2017	Apache Spark Overview	Operators	
	Data Analysis Using Apache Spark	Writing & Executing Programs	
	High Performance Computing	Distributed Computing, Grid Computing, Cluster Computing & World Community Grid	

Faculty Development Programme On Big Data for Business Management

(3rd July 2017 to 7th July 2017)

Attendance

Sl. No.	Name	04/07/2017 FN	04/07/2017 AN
1	Dr. Srikant C		
2	Dr. M G Krishnamurthy		
3	Mr. LakshmeeshaKanti K S		
4	Dr. K S HabeeburRahman		
5	Mrs. Anuradha C K	Anuradha	Anuradha
6	Dr. Srikant G Sugur		
7	Ms. Subhadra P S	Subhadra PS	Subhadra PS
8	Mr. Vikrama D K		
9	Mr. Srinivasa Murthy B V		 B.V.
10	Mr. Vikram V	V.V.V	V.V.V
11	Mrs. Ashwini H A		
12	Dr. Ravisha N S		
13	Dr. Santhosha		
14	Mrs. AishwaryaHittanagi		
15	Murali S M		
16	Sumathi PV		
17	Kumar R		
18	Chandran R. E	Ch	Ch
19	Bhagyalakshmi K		
20			
21			
22			

FDP file



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JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING
SHIMOGA

DEPARTMENT OF MANAGEMENT STUDIES

Invitation

Dear Sir/Madam,

We are pleased to invite you for the

**Five-Day
FACULTY DEVELOPMENT PROGRAMME**

On

“Big Data for Business Management”

(3rd July 2017 to 7th July 2017)

Time: 9.30 AM - 5.00 PM
Director & Faculty
Venue: MBA Computer Centre Dept. of Mgmt. Studies

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For circulation

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