

Report on Five Days Online Faculty Development Programme

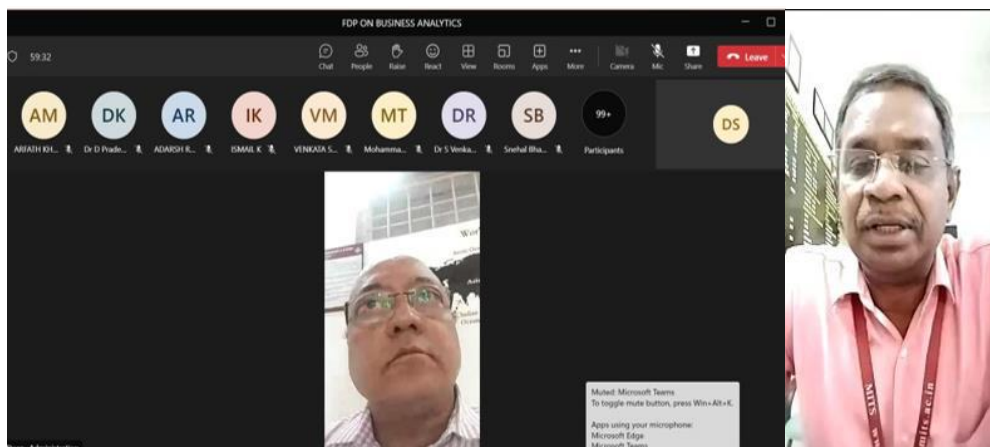
on

Business Analytics

12.6.23 to 16.6.23

Organized by

Department of Management Studies



Submitted by: Dr.Prem Knowles, Asst.Professor, MBA dept.,

Report Received on 23/6/23

Number of Participants: 270

The Department of Management Studies organized a Five Days Online Faculty Development Programme on 'Business Analytics' from 12.6.23 to 16.6.23(Monday to Friday). There were about 270 registered participants from ten states which include faculty, research scholars and students. Dr. Prem Knowles was the convenor and chief co-ordinator for the programme.

Inaugural session

Date: 12.6.23

Time: 9.30am to 10am

The inaugural session started with the welcome speech by Ms. Sai Jahnavi, 1st Year MBA student. Prof. Sremmant Basu,HOD, MBA dept., shared the importance of the topic and department's initiative in the matter .Thereafter, Dr.Kamal Basha (Vice Principal, Adiministration) and Dr.Pradeep Kumar(Professor, MBA dept.,) addressed the participants. Dr.Prem Knowles(Asst.Professor, MBA dept.) coordinated the session.

Day 1(12.6.23)

Session 1(10am to 11am)

Topic : Introduction to Business Analytics

Resource person : Dr.Prem Knowles
Asst.Professor, MBA dept.,
MITS, Madanapalle.

The first session topic was 'Introduction to Business Analytics' from 10 am to 11am which covered the basic concepts of Business analytics, ie Data Science, Data analysis, Data Analytics, Data Mining, Data Visualization, Business Intelligence, Business Analytics ,Types of Business Analytics and Various tools used in Business Analytics. Dr. Prem Knowles was the resource person.

Session 2(11am to 1pm)

Topic : Introduction to Statistics

Resource person : Dr.Ramesh Reddy
Asst.Professor & Head, Maths dept.,
MITS, Madanapalle.

The Second session topic was 'Introduction to Statistics' from 11am to 1pm, covering the basic concepts of Statistics, ie Descriptive Statistics, Inferential statistics, t test, z test, F test, Anova, and the application of statistics in business case studies. Dr. Ramesh Reddy was the resource person

Session 3 (2pm – 3.30pm)

Topic : Regression & Correlation

Resource person : Dr. Goutam Chakraborty
Distinguished Professor and
Dean of Global Initiative for Innovation,
Madanapalle Institute of Technology & Science, India.

The third session topic was 'Regression & correlation' from 2pm to 3.30pm. Dr. Goutam Chakraborty was the resource person. In this session, Dr. Gautham shared the contents in the topics related with regression and correlation, hypothesis testing and its implementation in Business Analytics.

Day 2 (13.6.23)

Session 4 & Session 5

Time : 10 am to 12pm and 2pm-3pm

Resource person: Dr. Basabi Chakraborty
Dean and Distinguished Professor,
School of Computing,
Madanapalle Institute of Technology and Science, A.P,

The topic of fourth and fifth sessions was 'Data Mining for Business Data Analyses' Part 1 and part 2 respectively from 10am to 12pm and 2pm to 3pm. Dr. Basabi Chakraborty was the resource person. In these sessions, the discussed topics were data mining, data integration, data cleansing, decision tree, cluster, classification etc.

Session 6 (3pm-5pm)

Topic : Data Visualization using Power BI

Resource Person: Mr. Bandarla Harshavardhan

Mr. Bandarla Harshavardhan is a Senior Power BI Developer working for Adani AI Labs with a passion for turning data into insights. With his years of experience in data modeling, ETL processes, and data visualization, he has developed a deep understanding of the Power BI platform and its capabilities. In this session, he trained the participants in data visualization using power BI tool.

Day 3(14.6.23)

Session : 7 (10am to 12pm)

Topic : Data Visualization using Power BI

Resource Person: Bandarla Harshavardhan

In continuation of the previous session ie session 6, Mr. Bandarla Harshavardhan handled this session practically to train the participants in Power BI. Microsoft Power BI is an interactive data visualization software product developed by Microsoft with a primary focus on business intelligence. It is part of the Microsoft Power Platform. Power BI is a unified, scalable platform for self-service and enterprise business intelligence (BI). We can connect to and visualize any data, and seamlessly infuse the visuals into the apps you use every day .

Session 8: (2pm to 4pm)

Topic : Using Excel in Business Analytics

Resource person : Dr. Pradeep Kumar
Professor, MBA dept. MITS.

The eighth session topic was 'Using Excel in Business Analytics' from 2pm to 4pm. Dr. Pradeep Kumar was the resource person. This session was a hands-on training organized to upsurge the data analytic skill using MS excel. Microsoft Excel is a spreadsheet developed by Microsoft for Windows, macOS, Android, iOS and iPadOS. It features calculation or computation capabilities, graphing tools, pivot tables, and a macro programming language called Visual Basic for Applications (VBA). Excel forms part of the Microsoft 365 suite of software.

Day 4(15.06.23)

Session 9: (10am to 12pm)

Topic : Using SPSS in Business Analytics

Resource person : Dr. Pradeep Kumar

Professor, MBA dept.MITS.

The ninth session topic was 'Using SPSS in Business Analytics' from 10am to 2pm. Dr. Pradeep Kumar was the resource person. This session was a hands-on training organized to upsurge the data analytic skill using IBM SPSS. SPSS is a software platform that offers advanced statistical analysis, a vast library of machine learning algorithms, text analysis, open-source extensibility, integration with big data and seamless deployment into applications.

Session 10 (2pm to 4pm)

Topic : HR Analytics

Resource person : Dr.Mohsin Khan

Assistant Professor,Institute of Public Enterprise, Hyderabad

The tenth session topic was 'HR Analytics' from 2pm to 4pm.

Dr.Mohsin Khan,Assistant Professor at Institute of Public Enterprise was the resource person. This session helped the participants to know more about HR analytics in Organizational decision making and problem solving.**HR analytics** is the process of collecting and analysing Human Resource (HR) data in order to improve an organization's workforce performance. The process can also be referred to as talent analytics, people analytics, or even workforce analytics.

Day 5(16.6.23)

Session 11 & 12

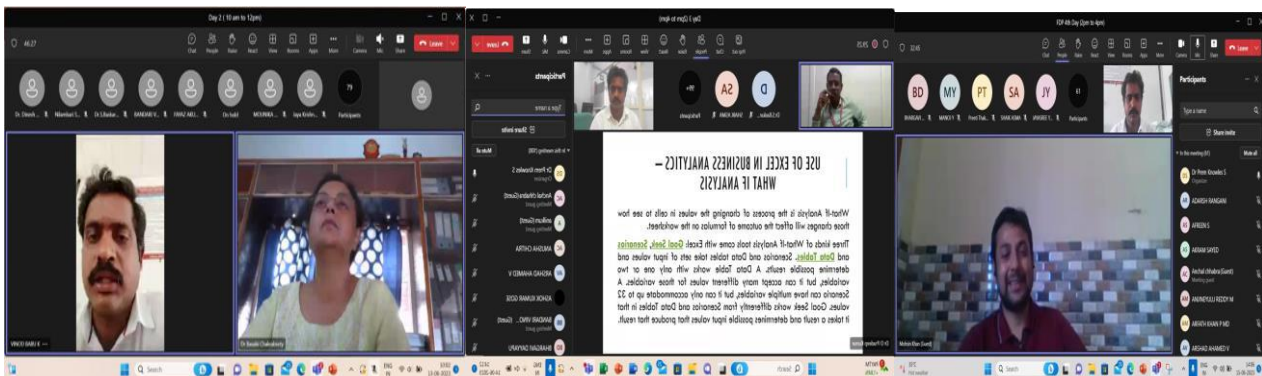
Time : 10am to 12pm & 2pm to 4pm

Topic : Data Visualization using Tableau

Resource person : Dr. C. Ganeshkumar

Assistant Professor, Indian Institute of Plantation Management, Bangalore.

The topic of XIth and XIIth sessions was 'Data Visualization using Tableau' Part 1 and part 2 respectively from 10am to 12pm and 2pm to 4pm . Dr. C. Ganeshkumar was the resource person. It was a practical session in which the participants were trained to create interactive dashboards according to the required customized preference. Different kinds of data sources can be configured to this tool and can be connected. Real-time data can easily be analysed using this tool. It has been in a top position in the area of Business Intelligence and Data Analytics stream.



Valedictory Function

The valedictory function was organized after the last session of the FDP. Prof. Sremmant Basu thanked all the participants and appreciated the efforts of the organizers. Dr.Ramanathan(Vice Principal, Academics) shared the objective of organizing such type of faculty development programmes in the institution. Feedbacks were shared by four participants. Dr.Prem Knowles shared the valedictory speech and thanked everyone for their corporation and participation. The programme ended with the vote of thanks by Ms.Sai Jahnvi, I year MBA student.

An online examination was conducted for the students based on the topics covered in the FDP.

