



Forwarded to
Principal.
17/10/19

A Reflection Report on
Two Day Workshop
on
Data Analytics using Power - BI Organized
by
Department of Computer Science & Engineering
26th & 27th September 2019
Co-ordinators

Dr. P Janarthanan , Associate Professor / CSE

Mr. K Srinivasan, Assistant Professor /CSE

Mr. M P Lakshmana Kumar, Assistant Professor /CSE

To: Hod-cs
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17/10

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**Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur
Department of Computer Science & Engineering**

26th & 27th September 2019

Two Day Workshop on Data Analytics using Power - BI

Report

Date and Venue

The Workshop was conducted on 26th and 27th September 2019 at Cloud Computing Lab, Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Sriperumbudur, 602117.

Trainers

1. Mr. Vidhya Sagar, Researcher and Developer, HTC-ITMR, Chennai-600032.

Agenda

- Day 1 Basics of Power- BI and it's features
- Day 2 Data Visualization and Exploration techniques

Participants

The workshop was attended by 42 Participants. One internal faculty – Mr. R. Senthil Kumar Assistant Professor / SVCE - CSE, 9 external faculties from SRM Institute of Science and Technology, Arignar Anna Institute of Management Studies and Computer Applications and Shri Shankarlal Sundarbai Shasun Jain College for Women, 29 UG students from SVCE and 3 students from Kings Engineering College and Easwari Engineering College were attended.

Workshop – Session Details

The Workshop started with an Inaugural function at 9am in the Alan Turing Hall on 26 Sep 2019. **Mr. K Srinivasan**, Assistant Professor, welcomes the Guests and the gatherings. **Dr. P Janarthanan**, Associate Professor delivers the Inaugural address and introduces the Resource person Mr. Vidhya Sagar. He then handed over the session to Mr. Vidhya Sagar.

Technical Session – 1 has started with an Overview of Power-BI. He had given an overview on Power-BI and its advantages and installation details. He continued his presentation with an Overview of Business Analytics.

Technical Session – 2 started with loading data into Power-BI by using Excel sheets, gave hands on training about data loading into Power-BI, SQL server connection details and text data processing. Showed creating different bins, clusters, pivot tables for handling data and data transformations techniques.

Technical Session – 3 involves with hands on training. In this session, the participants worked on real time data set and created a dashboard.

Day 2 starts with Technical Session – 4 continued the dashboard and showed the visualizations.

Technical Session – 5, showed slicers, filters how to create new columns and measures.

Technical Session – 6 worked on DAX functions and cover the remaining topics. The participants were asked to clear their doubts on entire concept and were asked to explore the research topics in these technology.

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The **Valedictory function** of the Workshop and is scheduled at 3.00 pm on 27 Sep 2019. **Mr. K Srinivasan**, Assistant Professor delivered the outcome and feature of the workshop. **Dr. N M Balamurugan**, Associate Professor delivered the Valedictory Address. He advised the students to do some project using Data Analytics. He also congratulates the Coordinators for their effort. He honored the guests and distributed the Certificates to all the Participants. **Dr. P. Janarthanan** delivered the Vote of thanks. Workshop comes to the end.

Outcomes of the Workshop

The participants gave an overall good feedback about the workshop and they are much satisfied as the workshop is fully based on hands-on sessions and they have also given the following recommendations:

These shall be conducted for 1 week in wide scope.

29/08/2019

From

The Coordinator,
Workshop-Data Analytics,
Department of Computer Science and Engineering,
Sri Venkateswara College of Engineering,
Sriperumbudur - 602107

To

The Principal
Sri Venkateswara College of Engineering,
Sriperumbudur - 602117.

Through the HOD /CS, SVCE

Respected Sir,

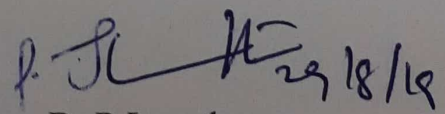
Sub: Permission for conducting Workshop on "Data Analytics" on 26th & 27th September 2019-Reg.

The Department of Computer Science & Engineering is planning to conduct a workshop on "Data Analytics" with resource person **Mr. Vidhya Sagar**, HTC, Chennai on **September 26th & 27th, 2019**. In this connection, I request you to kindly permit us to conduct the workshop in the department Cloud Computing Lab.

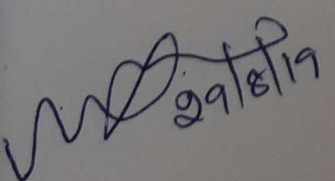
Thanking you,

To: HOD-CS
permitted
29/8/19

Yours faithfully,



Dr P Janarthanan


HOD/CS

JANARTHANAN P MCA <janap@svce.ac.in>

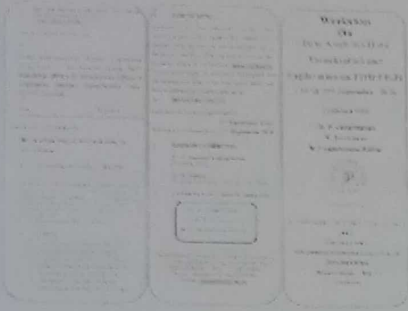
Workshop

2 messages

JANARTHANAN P MCA <janap@svce.ac.in>
To: Vidhya Sagar <vidhya.sagar@htcitmr.ac.in>

Thu, Sep 5, 2019 at 1:19 PM

Dear sagar,
Workshop approved by Principal.
We can conduct on 26th and 27th for your kind information.



Power-Bi.jpg
776K

Vidhya Sagar <vidhya.sagar@htcitmr.ac.in>
To: JANARTHANAN P MCA <janap@svce.ac.in>

Fri, Sep 6, 2019 at 1:09 PM

Ok sir. Thanks for the update.

Regards,
sagar

From: "JANARTHANAN P MCA" <janap@svce.ac.in>
To: "Vidhya Sagar" <vidhya.sagar@htcitmr.ac.in>
Sent: Thursday, September 5, 2019 7:49:00 AM
Subject: Workshop

CAUTION: This email was sent from an external source. Be cautious of attachments and links.

Dear sagar,
Workshop approved by Principal.
We can conduct on 26th and 27th for your kind information.

Profile of Speaker

Mr. VIDHYA SAGAR

Researcher and development in HTC Global Services for 2 years and trained many IT professionals in Data Analytics, Machine Learning and Deep Learning in both R Programming. Organized workshops in top universities like Saveetha, Sai Ram etc. Designed proof of concepts and worked on projects like banking domain, credit card analysis, market-basket analysis, churn predictions in both R and R. Certified in Big Data Analytics and Optimization - Carnegie Mellon University (LTI) from INSOFE.

Contact Mail id: vidhya.sagar@htcotmr.ac.in

Mobile: 7799156350



SRI VENKATESWARA COLLEGE OF ENGINEERING
Pennalur, Sriperumbudur (TK) – 602 117

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Solicit your esteemed presence for the

INAUGURAL FUNCTION

of

Two Day Workshop

on

Data Analytics using POWER- BI

By

Mr. VIDHYA SAGAR

Big Data Analyst, HTC, Chennai -25.

Venue : Alan Turing Hall , SVCE

Date : 26th September 2019

Timings : 8.45 A.M. to 9.15 A.M.

ALL ARE WELCOME

Two Days Workshop on “Data Analytics using Power - BI”

AGENDA

Date: 26.09.2019 – Day 1

Sessions	Topics
Session -1 [9.00 - 9.30AM]	Inauguration
Technical Session - 1 [9.30 - 10.45AM]	Overview of Data Analytics and Power-BI
[10.45 - 11.00AM]	Tea Break
Technical Session - 2 [11.00 - 12.30PM]	Loading Data & Reports and Dataset
[12.30 - 1.15PM]	Lunch
Technical Session - 3 [1.15-3.15 PM]	Power-BI Transformations & Power-BI charts and Lab

Date: 27.09.2019 – Day 2

Sessions	Topics
Technical Session - 4 [9.00 - 10.45AM]	Power-BI charts
[10.45 - 11.00AM]	Tea Break
Technical Session - 5 [11.00 - 12.30PM]	Filters & Calculated Fields
Session -4 [12.30 - 1.15PM]	Lunch
Technical Session - 6 [1.15-3.00 PM]	Dashboards & DAX
[3.00-3.15 PM]	Valedictory Function

Workshop- Photos



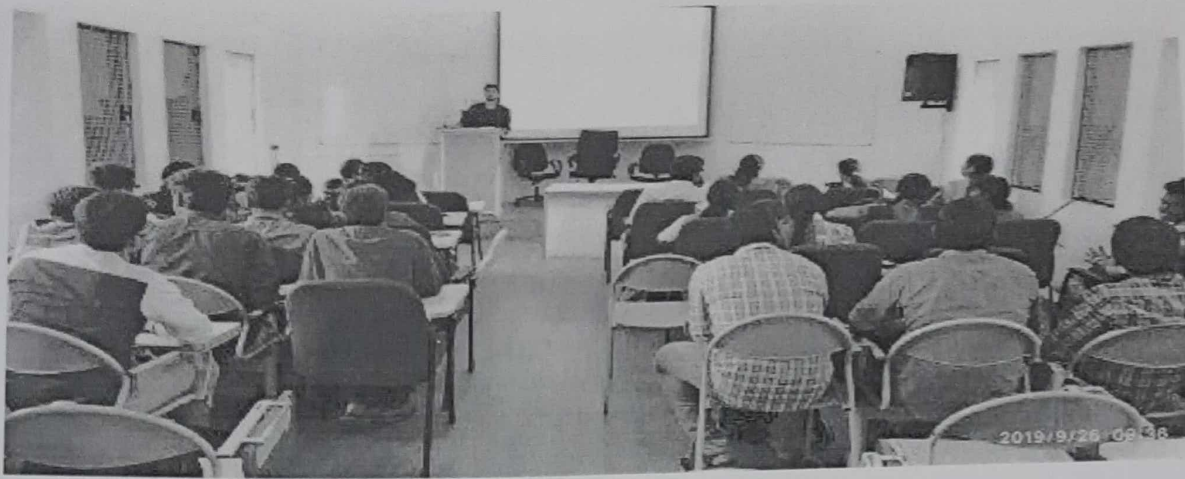
Workshop - Inauguration



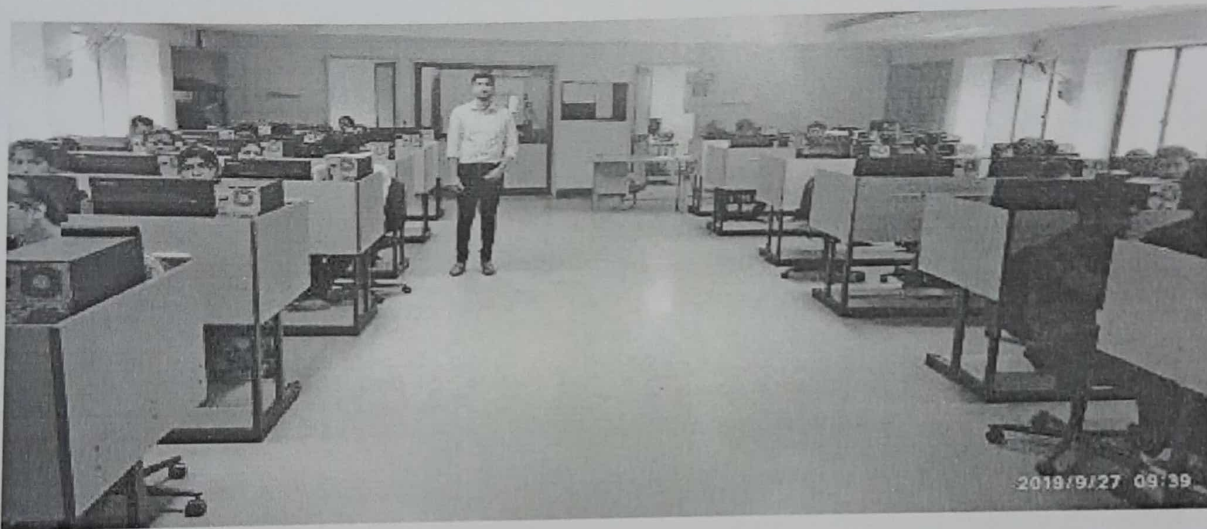
Technical Session Day 1- Mr. Vidhya Sagar



Technical Session Day 2- Mr. Vidhya Sagar



Workshop – Participants



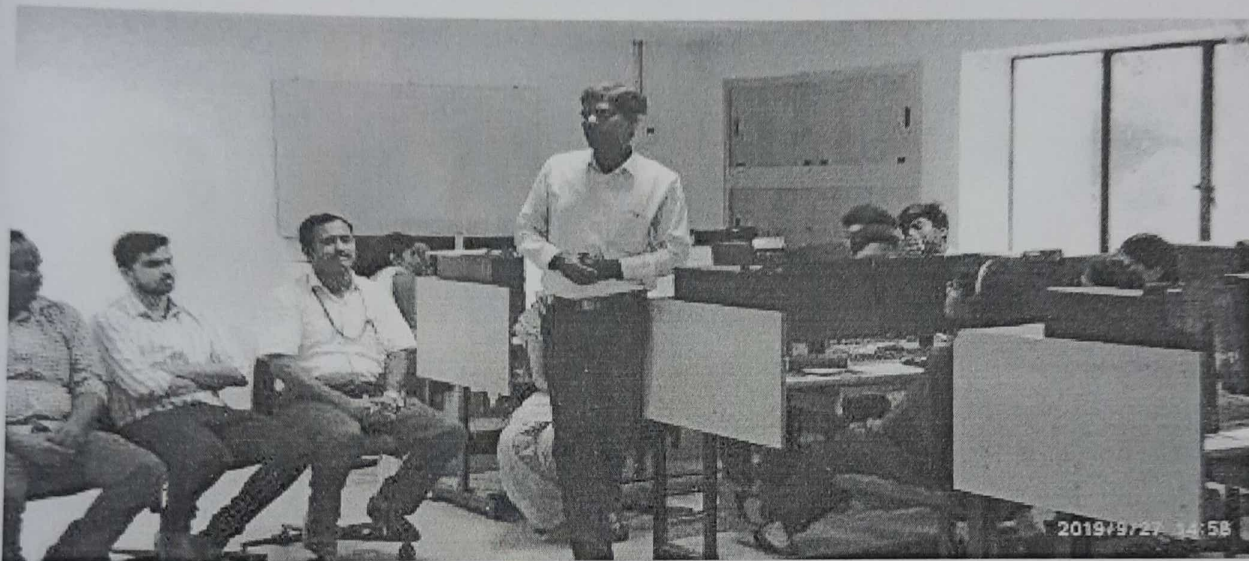
Workshop – Participants



Workshop – Participants



Workshop Valedictory – Address by Dr. N M Balamurugan, Asso. Prof./CS



Participants Feedback-Mr.D Siva, SRM Institute of Science and Technology



Participants Feedback-Ms. Summet Bamrah, SVCE



Speaker Feedback-Mr. Vidhya Sagar, HTC



Workshop Certificate Distribution by Dr N M R Anitha, Professor/HoD-CS



Workshop Certificate Distribution by Dr N M Balamurugan, Asso. Prof./CS