

Sri Sai Vidya Vikas Shikshana Samithi®

SAI VIDYA INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi, affiliated to VTU, Recognized by Govt. of Karnataka.

Accredited by NBA, New Delhi (CSE, ECE, ISE), NAAC – “A” Grade

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

RAJANUKUNTE, BENGALURU – 560 064, KARNATAKA

Phone: 080-28468191/96/97/98 * E-mail: hodaiml@saividya.ac.in * URL www.saividya.ac.in



Date:16/09/2024

Report on Three Days Faculty Development Program on “Data Visualization with Power BI and Tableau”

Faculty Development Program on

Data Visualization with PowerBI and Tableau

(As per 5th Sem VTU-2022 Scheme)

Data visualization is the graphical representation of information and data. It uses visual elements like charts, graphs, and maps to help us see and understand trends, outliers, and patterns in data.



This FDP covers comprehensive syllabus of 2022 VTU Scheme of 5th semester “Data Visualization” with complete hands on training from industry Experts .

The Department of CSE(AI&ML), CSE,ISE and CSE (DS) is organizing 3 days FDP on “Data Visualization with PowerBI and Tableau” during September 12th to 14th 2024 . This program is planned to be conducted offline and supported by VTU, Belagavi. Tableau is a powerful data visualization tool used for business intelligence and analytics.Power BI is another popular business intelligence and data visualization tool developed by Microsoft. It's used for transforming raw data into interactive and shareable reports and dashboards.



Chief Patrons:

Prof. M.R. Holla, President, SSVSS,Bengaluru.
Dr. Vidyashankar S, Vice chancellor, VTU, Belagavi
Dr. A M Padma Reddy, Vice President, SSVSS
Dr. M. S. Ganesha Prasad, Principal, SVIT

Advisory Committee:

Sri. Srinivas Raju Secretary, SSVSS,
Prof. R C Shanmukha Swamy, Joint Secretary,
Sri. Manohar M K Treasurer, SSVSS,
Dr. Y Jayasimha, Founder Trustee, SSVSS.

Conveners:

Dr. T G Manjunath, HOD, CSE (AI & ML)
Dr. Shashi Kumar D R, HOD, CSE
Dr. Vrinda Shetty, HOD, ISE
Dr. Nagashree N HOD, CSE (Data Science)

Organizing Committee:

Dr. Vikramathithan A C,CSE(AI & ML)
Dr. Vinod Desai ,CSE
Dr. Priya Arundhati, ISE
Dr. Pushpalatha K N, CSE(DS)

Co-ordinators::

Ms. Jayshri ,CSE (AI & ML)
Mrs. Anitha M C,CSE (AI & ML)
Mrs. Geetha M, CSE (AI & ML)
Mrs. Anitha C S, CSE (Data Science)
Mrs. Jyoti Kumari ,CSE (Data Science)
Ms. Bhagyashree Pujeri ,CSE
Mrs. Tanuja M , ISE
Mrs. Navya B R, ISE



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Data Visualization with PowerBI and Tableau

(As per 5th sem VTU- 2022 Scheme)
on

12th, 13th and 14th September, 2024



Organized by:

Department of

CSE(AI & ML), CSE(DS), CSE, ISE

In Association with

Analoga Software Development Pvt. Ltd &
Visveswaraya Technological University, Belagavi

About Institution

Sai Vidya Institute of Technology, affiliated to Visveswaraya Technological University (VTU) Belagavi, Karnataka, approved by All India Council for Technical Education(AICTE) New Delhi, and recognized by the Government of Karnataka, was established in the year 2008 by SRI SAI VIDYA VIKAS SHISKHANA SAMITHI which is a trust formed by group of well-known academicians.

Prof M.R Holla a well-known academician and administrator with-over 50 years of academic and administrative experience to his credit along with an excellent team of popular professors of Engineering education in the state of Karnataka . The team comprises of Dr. A.M. Padma Reddy, Dr. Y.Jayasimha, Prof R.C. Shanmukha Swamy in association with Sri M.K Manohar renowned Chartered Accountant.

The Institute offers 7 UG Programs in Computer Science and Engineering, Information Science and Engineering, Computer Science and Engineering (AI & ML), Computer Science and Engineering (DS), Electronics and Communication Engineering, Mechanical Engineering and Civil Engineering and 1 PG program in MBA. SVIT also offers PhD programs under VTU R&D center. The institute is accredited by NAAC with ‘A’ grade and NBA for the Departments CSE,ISE & ECE.

Motivation behind FDP

As per NEP 2020 and VTU scheme 2022,“Data Visualization lab ” has been introduced for the 5th semester BE of CSE Stream to cater the needs of current technology. This FDP has been organized to enhance the knowledge of the faculty.

Objectives of FDP:

- Understand the Importance of data Visualization for business intelligence and decision making.
- Learn different approaches to understand the importance of visual perception.
- Learn different data visualization techniques and tools.
- Gain knowledge of effective data visuals to solve workplace problems.

Outcomes of FDP:

1. Design the experiment to create basic charts and graphs using Tableau and Power BI.
2. Develop the solution for the given real world problem.
3. Analyze the results and produce substantial written documentation.

Resource Persons

Mr. Vijay shanthagiri, Data scientist,
Founder-Certisured, B'lore
Mr. Malkan Gouda Patil , Data Analyst,
Analoga Software Development Pvt Ltd

Registration Fee

The registration fee of Rs. 500/- shall be paid through online mode. Scanned copy of registration form details to be filled in the registration link below:

<https://forms.gle/EYkZHggDj3aYjcz36>

Contact Details:

Dr. Vikramathithan A C
Professor, CSE (AI&ML)
vikramathithan.ac@saividya.ac.in
+91- 7975738993

Ms. Jayshri
Asst. Professor, CSE (AI & ML)
jayshri.j@saividya.ac.in
7899330237

LAST DATE FOR REGISTRATION:
11th September 2024

For Online transaction of fees payment
GPay/ PhonePeNo:
7975738993

SCAN & PAY





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The Department of CSE (AI & ML), CSE(DS), ISE & CSE organized 3-days FDP on “**Data visualization with Power BI and Tableau**” during September 12th to 14th 2024. This program conducted in offline mode and supported by VTU, Belagavi. Power BI is a powerful business analytics tool by Microsoft that allows users to visualize data and share insights across their organization or embed them in an app. It connects to a wide range of data sources, from Excel spreadsheets to cloud services and databases, making it versatile for data analysis. Tableau is a powerful data visualization tool that helps users understand their data through interactive, shareable dashboards. It's widely used for business intelligence and allows users to connect to various data sources to create visual representations of their data.

The Resource persons from Analogica Software Development Pvt. Ltd, honorable principal & HOD's of CSE (AI & ML), CSE(DS), CSE, ISE witnessed the function. The HOD, CSE (AI & ML), Dr. T.G Manjunath welcomed all the dignitaries and gathering. The principal Dr. Ganesha Prasad M S, Addressed the gathering and appreciated the efforts of HOD's for organizing the FDP. The Resource person Mr. Malakan Gowda Patil enlightened the importance of Data visualization in the present technology. Participants gave good feedback about the overall conduction of FDP.



Welcome Speech by Dr.T G Manjunath



Lighting of Lamp by Dignitaries



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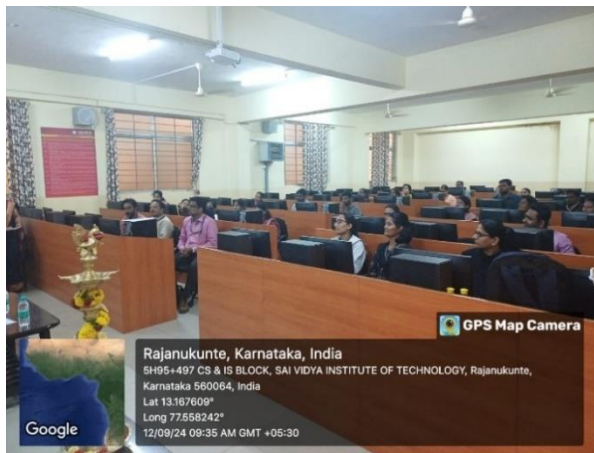
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FDP Session



Certificate Issuing

Event Coordinators

1. Ms. Jayshri

2. Mrs. Geetha M

HOD

Head of the Department
Department of CSE (AI & ML)
Sai Vidya Institute of Technology,
Rajanukunte, Bengaluru - 64.