POWER BI WORKSHOP

Particulars	Details
Name of the Event	Power BI Workshop
Dates	16th & 17th January 2026
Duration	Two Days
Time	9:30 AM to 5:00 PM (Both Days)
Venue	PL Lab (105), PGDRP Lab (107)
Target Participants	Second Year Computer Engineering (Total 82 Students)
Organizing Department	Department of Computer Engineering
Organized In Association With	Computer Engineering Students' Association (CESA)
Faculty Coordinator	Mrs. More Monali U.
Type of Program	Technical Workshop
Mode	Offline

Objectives of the Workshop

The objectives of the workshop were:

• To introduce students to the concepts of Data Analytics and Business Intelligence

• To provide hands-on training in Power BI

• To develop skills in data importing, cleaning, and transformation

• To enable students to design interactive dashboards and visual reports

• To promote data-driven thinking and decision-making

• To enhance technical competencies beyond the prescribed academic syllabus

Brief Report:

The Department of Computer Engineering, in association with the Computer Engineering Students' Association (CESA), successfully organized a Two-Day Technical Workshop on

Power BI exclusively for Second Year Computer Engineering students on 16th and 17th January 2026. This workshop aimed to introduce students to industry-relevant tools in the field of Data Analytics and Business Intelligence, enabling them to understand how raw data can be transformed into meaningful insights and interactive dashboards.

Power BI is one of the most widely used business intelligence tools across industries. Through this workshop, Second Year students were exposed to practical aspects of data handling, visualization, and reporting at an early stage of their academic journey, thereby bridging the gap between academic learning and industry expectations.

The workshop marked a significant milestone for CESA as its first-ever technical workshop, laying the foundation for a new learning culture focused on early upskilling and professional growth among Second Year students.

Inauguration Ceremony

The workshop commenced with a formal inauguration ceremony in the presence of respected faculty members and students. As part of the inauguration, the core CESA team members were felicitated for their dedication and efforts in organizing the event.

During the inauguration ceremony, the core members of the Computer Engineering Students' Association (CESA) were felicitated by the esteemed faculty members in recognition of their contributions. Dr. Arvind Jagtap, Head of the Department, felicitated CESA President Rania, followed by Mrs. S. S. Nandgaonkar Ma'am, Dr. Santaji Shinde Sir, Mr. R. H. Ambole Sir, Mr. V. V. Rampurkar Sir, and Mr. Manoj Shelar Sir, who felicitated the CESA Vice President Janhavi, Technical Team Head Kuldeep, Creative Team Head Samruddhi, Editorial Head Saee, and Creativity Head Mansi, respectively.

This moment of recognition served as a great source of motivation for the entire CESA team and inspired them to continue contributing with dedication and responsibility. The department also expresses sincere gratitude to Mrs. More Monali U., Faculty Coordinator of CESA, for her constant guidance, encouragement, and mentorship, which were instrumental in making the workshop possible. Her continuous support played a vital role in the smooth planning and successful execution of the event.

Workshop Schedule

Day & Date	Focus Area	Topics Covered
Day 1 16th January 2026	Fundamentals of Power BI & Data Analytics	• Introduction to Data Analytics and Business Intelligence • Overview of Power BI and its components • Installation and setup of Power BI • Understanding datasets and data formats • Importing data into Power BI • Basic data cleaning and transformation techniques • Creation of simple charts and visualizations • Designing interactive dashboards • Use of filters, slicers, and data relationships
Day 2 17th January 2026	Advanced Concepts & Practical Implementation	• Introduction to DAX (Data Analysis Expressions) • Real-world use cases of Power BI • Hands-on project and guided practice session' • Doubt-solving and interactive discussions • Dashboard creation competition using learned concepts

Learning Outcome Summary

Day	Outcome Achieved
Day 1	Students gained hands-on experience in data importing, cleaning, visualization, and dashboard creation
Day 2	Students enhanced analytical thinking, problem-solving skills, and confidence through advanced concepts and competition

The workshop witnessed enthusiastic participation from Second Year Computer Engineering students**,** with a total of **82 students** actively participating in the sessions. The participants demonstrated keen interest in learning modern, industry-oriented tools and were actively involved in hands-on activities, discussions, and the final dashboard competition. Their engagement reflected a strong willingness to explore emerging technologies and professional tools at an early stage of their engineering education.

The Two-Day Power BI Workshop was a grand success and a milestone event for CESA. It provided students with valuable industry-level exposure and motivated them to explore modern technologies beyond the curriculum.

The Power BI Workshop event was judged by Mr. Pradip Ghorpade, Assistant Professor, AI & DS department**.** He evaluated the participants based on their understanding of Power BI concepts, data visualization skills, dashboard design, and overall presentation. His valuable insights and constructive feedback helped the participants enhance their analytical thinking and technical knowledge. The event benefited greatly from his expertise and guidance.

Winners of Workshop Activity:

Prize	Participants
First Prize	Sonam Yadav
	Harshada Shinde
	Mukesh Yadav
	Ananya Markad
Second Prize	Kanchan Gaikwad
	Priyanka Ghogare
	Sakshi Kalhapure

The workshop was conducted by Third Year Computer Engineering students, namely Miss Rania Sanadi, Miss Samruddhi Ranmode, Miss Saee Deshmukh, and Mr. Samarth Pawar. The department also extends sincere appreciation to Priyanka (Media Team Lead), along with Kunal and Tejas, for their dedicated efforts in capturing and documenting the key moments of the workshop.

Outcomes

- Students gained practical exposure to Power BI
- Improved understanding of data visualization and analytics
- Hands-on experience in creating dashboards and reports
- Enhanced technical, analytical, and presentation skills
- Encouraged self-learning and industry-oriented thinking
- Promoted a culture of skill development under CESA

Inauguration Ceremony

Inauguration Ceremony

Power BI Teaching & Hands-on Sessions
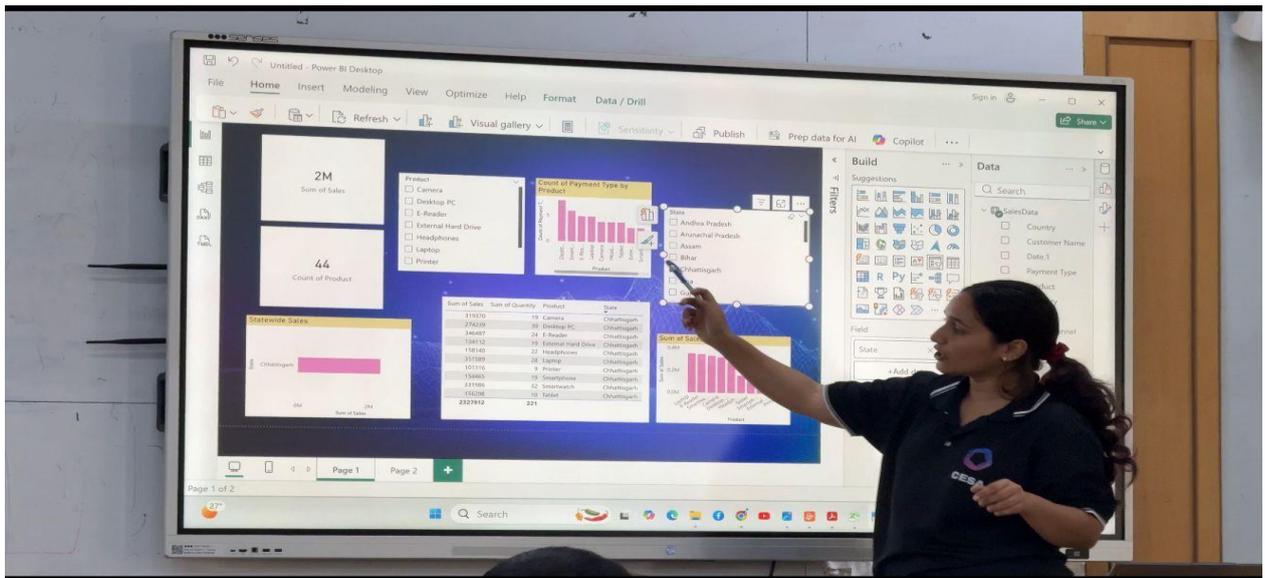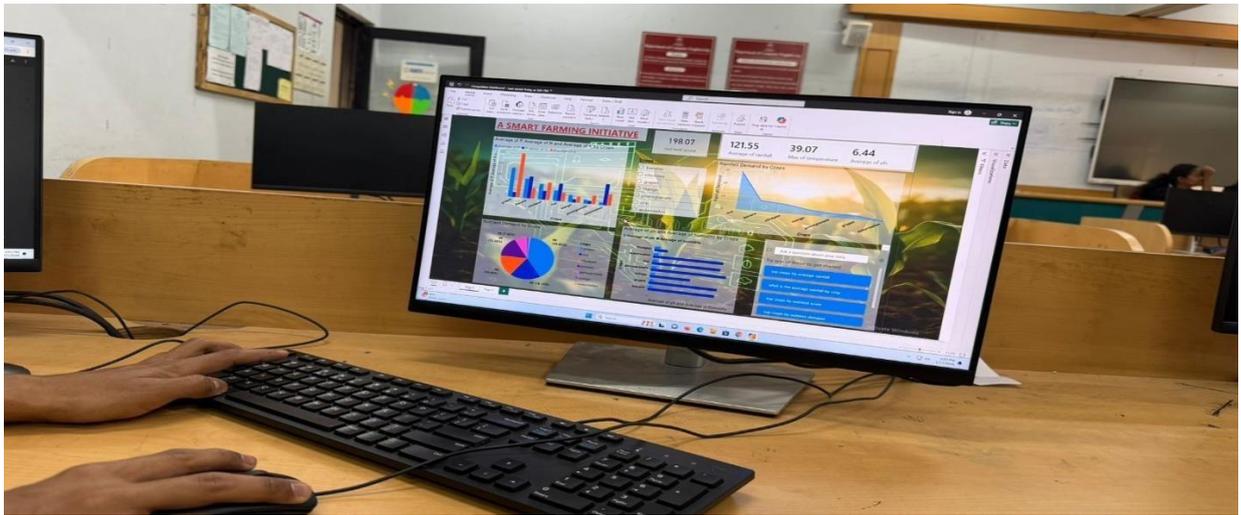
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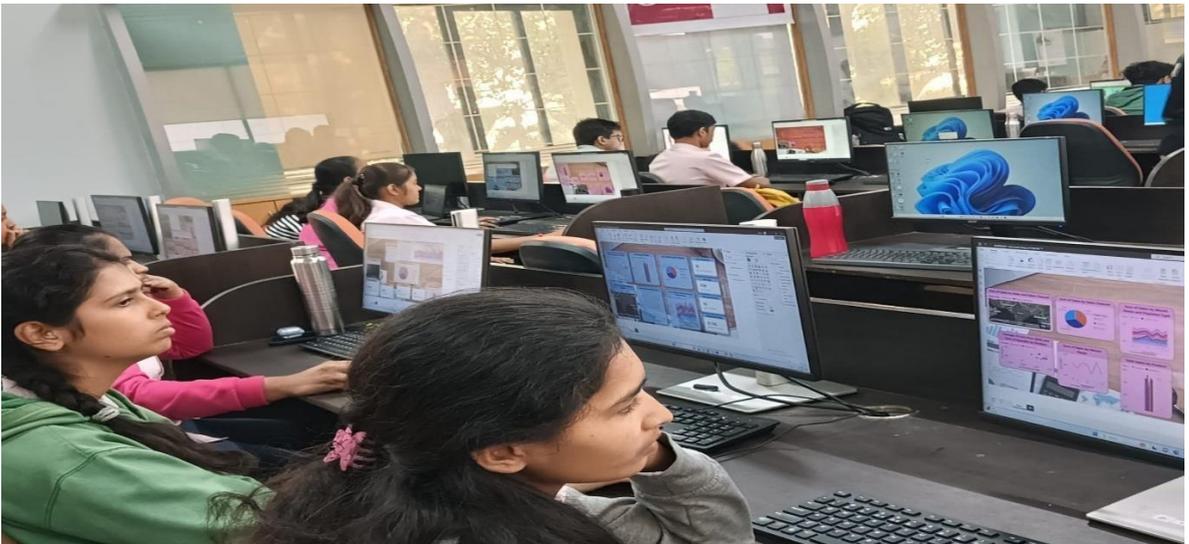
Dashboard Competition & Student Participation

Student Performance Analysis

Student Academic Analysis Dashboard

ASIA CUP CRICKET ANALYSIS DASHBOARD

Count of Team
254
0   508

Total Run
51K
Sum of Run Scored

Total Wickets
1737
Sum of Wicket Taken

Average Run Rate
5.31
Average of Run Rate

Venues

Run Scored on Ground
10K
5K
0K
Mir... Dub... Kara... Dha... Da... Shar...

Sum of Wicket Taken by Team
India
Sri La...
0   500

Count of Team by Result
Result
● Lo...
● Win

Sum of Run Scored by Team
Sri ...
India
0K   10K

Sum Trend over by Year
6K
4K
2K
0K
1980   2000   2020   2040
Year

Sum of Fours by Team and Sixes
Sixes ●0 ●1 ●2 ●3 ●4 ●5 ●6 ●7 ▶
1K
0K
India Sri Lanka Pakistan Banglad... Afghani... Hong K... UAE
Team

Count of Team by Format
48
(18....)
Format
● ODI
● T20I
206
(8...)

Sum of Avg Bat Strike Rate by Team and Result
Result ● Lose D/L ● Win D/L ▶
5K
0K
India Sri Lan... Pakistan Bangl... Afgha... Hong UAE
Team

Sum of Run Scored by Ground
Mirpur — 6K
Dubai(DSC)
Karachi — 5K
Dhaka
Dambulla — 5K
Sharjah
Colombo(RPS)
Colombo(SSC) — 3K
Fatullah
Abu Dhabi
Lahore — 2K
Kolkata
Chattogram — 1K
Cuttack
Chandigarh — 0K
Colombo(PSS) — 0K
Kandy
Moratuwa

DAX QUERY

254
Total_mactches

1737
Total_Wickets

1M
Sum of totalfours

51K
Total_Run_Score

200.33
AvG PER MATCH

734
totalSixes

5.31
Avg Run Rate