IETE Bhopal

Activity Report

"Dash-It-Up: Power BI Dashboard Creation Contest"

Date: November 30, 2024
Venue: Seminar Hall-6, Department of Electronics Engineering, MITS Gwalior

Introduction

The IETE Bhopal Center, in collaboration with the Department of Electronics Engineering, Madhav Institute of Technology and Science (MITS), Gwalior, successfully organized the **"Dash-It-Up: Power BI Dashboard Creation Contest"** on November 30, 2024. The event served as a platform for aspiring professionals to showcase innovative business ideas addressing the evolving needs of the electronics industry.

Event Participation and Objectives

A total of **36 candidates** registered for the competition, forming teams of 1 to 2 members. The event aimed to identify and develop following skills among the young minds in context of data handling and data presentation:

1. **Clear Layout:** Logical, clutter-free design for easy navigation.
2. **Interactive Visuals:** Slicers, filters, and drill-downs for dynamic data exploration.
3. **Consistent Design:** Uniform colors, fonts, and visual hierarchy.
4. **Meaningful Visuals:** Appropriate chart types for clear data representation.
5. **Accurate & Real-Time Data:** Regular updates with clear labeling.
6. **Highlighted KPIs**: Key metrics emphasized for quick insights.
7. **Responsive Design:** Optimized for various screen sizes and devices.
8. **User-Centric Focus:** Tailored for user needs with personalized views.
9. **Effective Tooltips:** On-hover explanations for extra context.
10. **Data Storytelling:** Narrative flow for better insight interpretation.

Evaluation Framework

Judging Panel

The evaluation panel comprised prominent academicians and professionals, including:

- **Dr. Himanshu Singh**
- **Dr. Mukesh Kumar Mishra**

Each team received constructive feedback from the judges, who assessed the proposals based on a detailed evaluation framework.

Presentation Format

Each team was allotted **10–15 minutes** to present their **Microsoft Power BI based dashboards**, which were required to cover the following sections:

1. **Clear Layout:** Logical, clutter-free design for easy navigation.
2. **Interactive Visuals:** Slicers, filters, and drill-downs for dynamic data exploration.
3. **Consistent Design:** Uniform colors, fonts, and visual hierarchy.
4. **Meaningful Visuals:** Appropriate chart types for clear data representation.
5. **Accurate & Real-Time Data:** Regular updates with clear labeling.
6. **Highlighted KPIs**: Key metrics emphasized for quick insights.
7. **Responsive Design:** Optimized for various screen sizes and devices.
8. **User-Centric Focus:** Tailored for user needs with personalized views.
9. **Effective Tooltips:** On-hover explanations for extra context.
10. **Data Storytelling:** Narrative flow for better insight interpretation.

Coordination and Execution

The successful execution of the event was made possible through the collective efforts of the organizing team. The department extends its gratitude to:

- **Prof. Pramod Kumar Singhal, Dr. Rahul Dubey** and Dr. **Mukesh Kumar Mishra** whose insights and guidance inspired participants.
- **Dr. Himanshu Singh**, who led and managed the event effectively.
- **Student Coordinators**, including **Medhavi Agrawal** and **Lavanya Sachdev**, for their dedication and hard work in ensuring seamless coordination.

Conclusion and Future Prospects

The **Dash-It-Up: Power BI Dashboard Creation Contest** proved to be a significant milestone in promoting effective data handling and data presentation among students. The event showcased the participants' ingenuity, technical expertise, and commitment to addressing industry challenges.

The Department of Electronics Engineering remains committed to encouragement for innovation and excellence by organizing similar events in the future, thereby nurturing the next generation of entrepreneurs and innovators in the electronics domain.

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30-Nov-24

Dash-It-Up
Power BI Dashboard Design Contest

S.No	Name	Roll No.	Mobile No.	Sign.
1	Harshvardhan Sharma	BTEL24O1054	9926895648	
2	Aman sharma	BTET24O1018	8319144564	
3	Nagendra Singh Sikarwar	BTET24O1079	7247796298	
4	Sarthak jain	BTET24O1114	8982716416	
5	ARYAN CHOUHAN	BTET24O1033	9575688464	
6	Saloni sharma	BTEL24O1113	8839073485	
7	LAVKUSH PRAJAPATI	BTET24O1071	6232269912	
8	Vinay savita	BTET24O1148	9522660565	
9	Unnati bohare	BTEL2401137	9285355505	
10	Krish soni	BTET24O1066	8871877287	
11	Medhavi Agrawal	BTET24O1075	6299317545	
12	Priyanshi sharma	BTEL24O1157	7049045664	
13	Akmal Khan	BTMC24O1019	6261512042	
14	Isra Khan	BTCB24O1034	9303512700	
15	Sahil Jain	BTCS24O1115	8305783542	
16	Aditi Jain	BTMC24O1012	8305969964	
17	PRIYANSHU PATEL	BTET24O1098	9303253848	
18	Hitakshi Dwivedi	BTET24O1058	8305115210	
19	Mahatva Agrawal	BTMC24O1076	7879106160	
20	Ishant Garhewal	BTET24O1060	9644227738	
21	Mradul garg	0901ET231038	9770538410	
22	Amit Rathore	BTET24O1019	7067761669	
23	Prince Saxena	BTCB24O1051	9993902838	
24	Lucky Karan rajput	BTEO24O1029	8517912304	
25	MADHAV GUPTA	BTMC24O1074	9993176730	
26	LAKSHYA PACHAURI	BTEL2401069	8770457573	
27	SOUMYA DUBEY	BTET24O1131	9244309594	
28	HONEY KUSHWAH	BTET24O1059	9202372729	
29	Krishna pratap singh	BTEL24O1065	8989653584	
30	Hansika Dubey	BTET24O1050	7067016837	
31	Akash kushwah	BTET2401012	7610245945	
32	Rohit Ahirwar	BTET24O1106	7987626297	
33	Tanmay Agrawal	BTET24O1139	6269868639	
34	Harshit Singh Sikarwar	BTET24O1054	8225849948	
35	Aditya Rupchand Dange	Btet24o1008	9977028899	
36	Ashvi Jadon	BTET24O1036	6269148265	

Dr. Himanshu Singh
30/11/24 (ECE)

Dr. Vandana Vikas Thakare
(HoD)