TECNIA INSTITUTE OF ADVANCED STUDIES

NAAC GRADE "A" INSTITUTE (CYCLE-2)
Approved by AICTE, Ministry of Education Govt. of India,
Affiliated to G.G.S.I.P. University & Recognized Under Sec. 2(f) of UGC Act 1956.
INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085

DATA SCIENCE CLUB	
Report (Introduction to Data Analytics)	
Event	Awareness
Type of Activity:	Webinar
OBE Values	Technical Competence
Mulya Pravah	Commitment
Global Impact-UNSDG No.	SDG 4 – Quality Education
Objectives	1.To introduce students to the concept and importance of dashboards in data analytics. 2.To develop practical knowledge of Microsoft Excel for data analysis and visualization. 3.To familiarize students with charts, PivotTables, PivotCharts, slicers and other dashboard tools. 4.To enable students to transform raw data into meaningful and interactive visual reports. 5.To enhance students' analytical and decision-making skills.
Course Mapping	Introduction to Data Analytics (BCA201T,BCA207T)
Course Outcome (CO)	Students will be able to analyze data using appropriate tools and techniques and present insights through effective data visualization and dashboards.
BT Level	BTL 3 - Apply and BTL 4 - Analyze
Expected Outcomes	1. Students understood the role of Excel in data analytics. 2. Students learned the process of creating interactive dashboards. 3. Students gained knowledge of data cleaning, analysis and visualization in Excel. 4. Students became familiar with PivotTables, charts, slicers and dashboard design.
In collaboration/association with	Domain Club: Data Science Club (DICT)
Name & Designation details of Resource Person- Internal Expert (LinkedIn Profile Link)	Dr. Nupur Jain, Associate Professor (TIAS)
Name & Designation details of Resource Person- External Expert Trained counseling expert(LinkedIn Profile Link)/	NA

Duration (Date & Time)	22-Aug-2026
Mode (Offline/Hybrid)	Online
Venue	Webinar
No. of Internal Participants	65
No. of External Participants *[write NA if not applicable]*	5
No. of Institutions Participated	1
University Representation	NA
Awards/Recognition (if any) (Attach e-copy of Awards/Certificates)	E-Certificate

Innovation / Best Practice

The webinar adopted an **experiential and technology-driven learning approach** by providing students with practical exposure to Data Analytics and Microsoft Excel-based data visualization. Key innovative features include:

- Integration of **Data Analytics with practical Excel tools**, reflecting contemporary industry requirements.
- Use of **PivotTables, PivotCharts, slicers, charts, and dashboards** to enhance students' technical and analytical skills.
- Experiential exposure to **data cleaning, analysis, visualization, and interactive dashboard creation.**
- Application of data analytics concepts to **real-world decision-making and problem-solving.**
- Alignment of the activity with **OBE – Technical Competence, Mulya Pravah – Commitment, and UNSDG 4 – Quality Education.**

Feedback:

Mode of feedback collection (form / oral / reflection / survey)	**Evidence to be maintained by the Event Coordinator:** • Attendance sheet • Event poster/flyer • Screenshots/photographs of the webinar • Feedback form and responses
Key feedback highlights	Students found the session informative, practical and useful. They appreciated the live demonstration of Excel tools and gained a better understanding of how dashboards can be created to analyze and present data effectively.
Suggestions for improvement (if any)	**NA**

Concluding

The webinar on "Excel Dashboard" successfully provided students with valuable practical knowledge of data analysis and visualization using Microsoft Excel. The session helped students understand how raw data can be organized, analyzed and transformed into meaningful interactive dashboards. Through practical demonstrations of PivotTables, charts, PivotCharts and slicers, students gained useful skills for academic projects and professional applications. The webinar was an enriching learning experience and contributed significantly to the practical understanding of the Data Analytics course.

Media Coverage:

Social media link(s) (Mandatory)	**1.https://www.instagram.com/p/DcVVQyQgYkt/?igsi=OHpqbTB5OHE3d2o3**
Print Media evidence (If any)	

Poster/Flyer

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WEBINAR - 20

— Webinar on —

DATA ANALYTICS



Dr. Nupur Jain

Associate Professor
Department of ICT
Tecnia Institute of Advance Studies, Delhi

SCAN TO REGISTER

Scan the QR code to register for the webinar and get event updates.

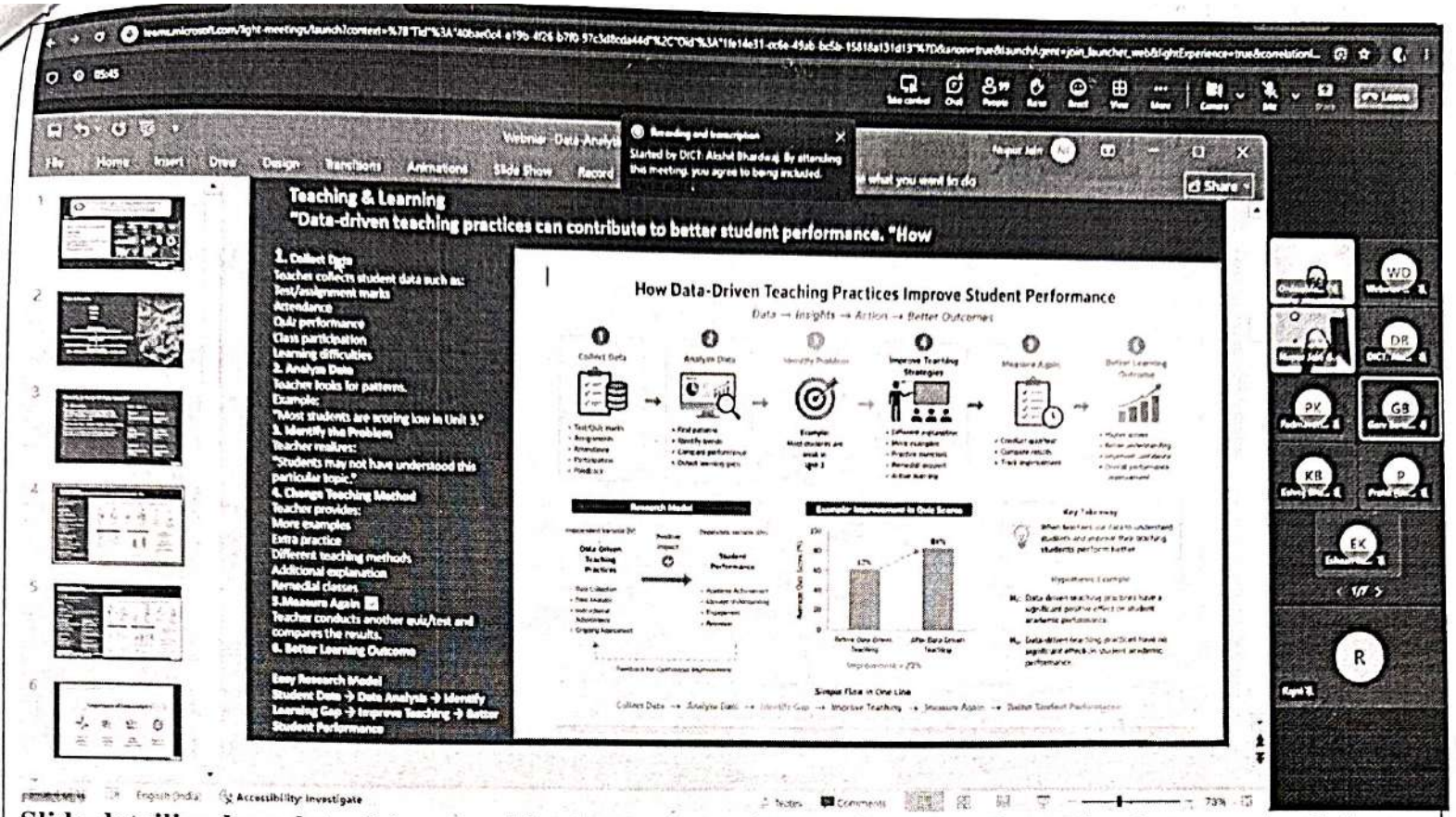
DATE :
22nd August, 2026

TIME :
7:00 PM to 8:00 PM

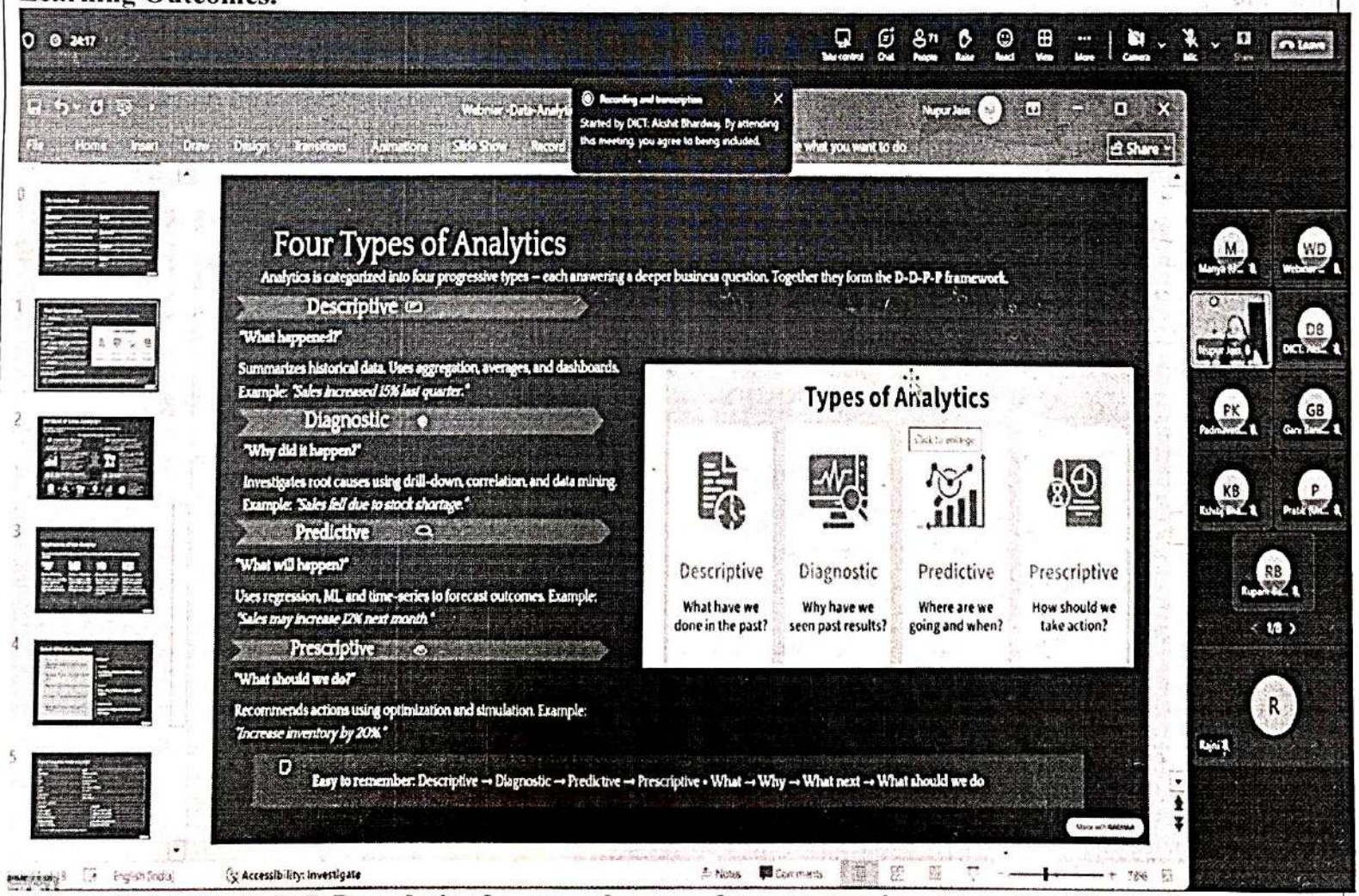
ORGANIZING COMMITTEE:

- Dr. Sushma Bahuguna (Assoc Dean, DICT)
- Ms. Garima Saini (Coordinator)
- Ms. Rajni (Coordinator)
- Mr. Akshit Bhardwaj (Coordinator)

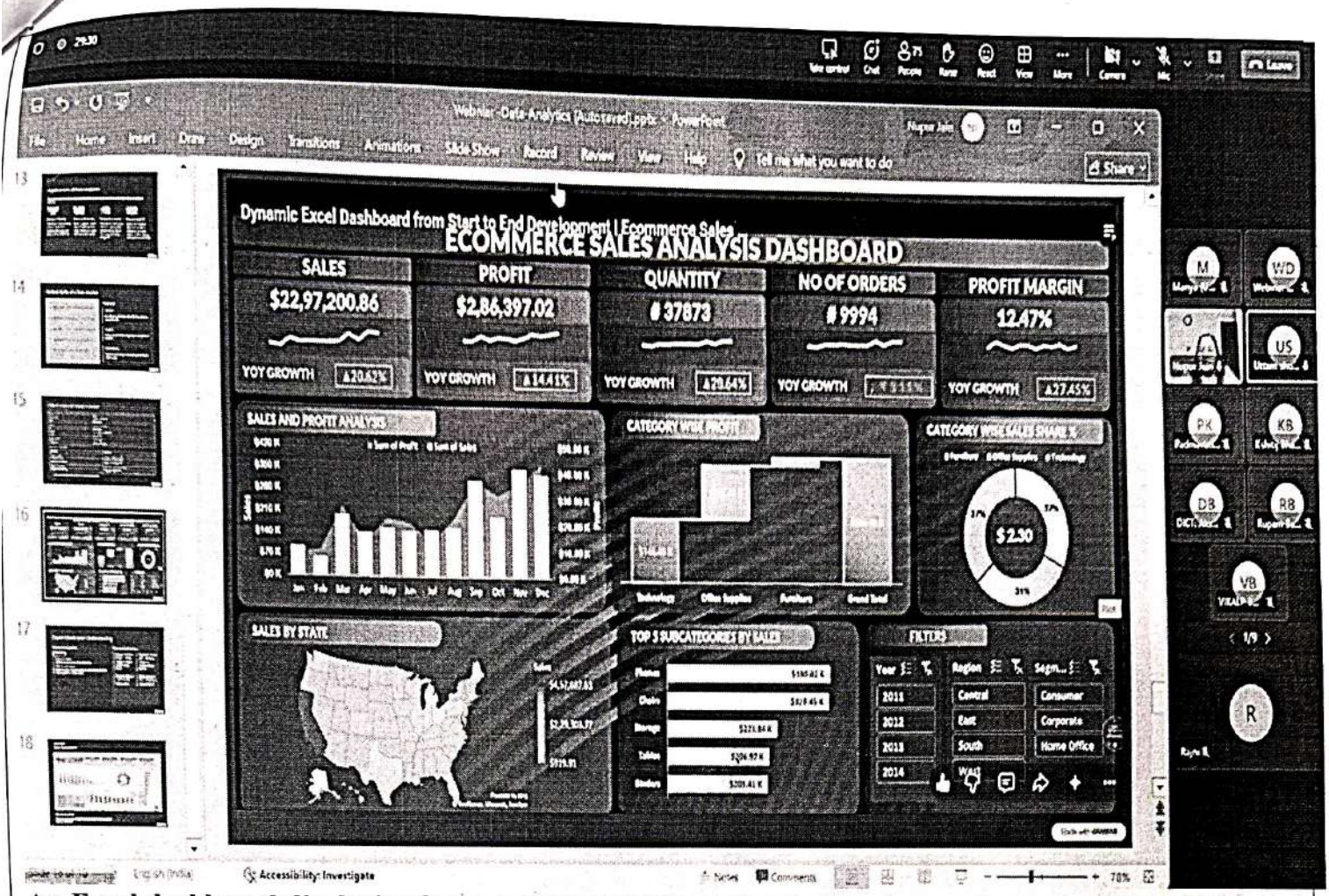
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Slide detailing how data-driven teaching improves student performance through a 6-step cycle: Collect Data, Analyze Data, Identify Problem, Change Teaching Method, Measure Again, and Achieve Better Learning Outcomes.



Slide outlining the D-D-P-P analytics framework across four progressive stages: Descriptive, Diagnostic, Predictive, and Prescriptive.



An Excel dashboard displaying key e-commerce KPIs, regional sales maps, category profits, and annual trends.

List of Participants (Attendance Sheet):

S. No.	Enrolment No.	Name of the Student	Prog & Year
1	10821302025	Bhoomika	BCA,2nd
2	04517002023	Yuvaan	BCA,3rd
3	06317002024	AAYUSHI GUPTA	BCA,2nd
4	03117002025	Rupam Baurai	BCA,2nd
5	36217002024	Manish Kumar	BCA,2nd
6	01821302025	Dishi aggarwal	BCA,2nd
7	05617002024	Nikita Jain	MCA,2nd
8	35717002024	Prince Kumar	BCA,2nd
9	01421302025	Akshara Maheshwari	BCA,2nd
10	00821302025	Nishtha Chauhan	BCA,2nd
11	07317002025	Divyesh Verma	BCA,3rd
12	08721302025	Eshaan kapoor	BCA,2nd
13	00617002023	Ankit Prasad	BCA,2nd
14	10817002025	Dr. Neeta	MCA,2nd
15	02717002024	Sanskriti Gupta	BCA,2nd
16	09821302024	Mayank Gulati	BCA,2nd
17	05117002024	Ketna malhotra	BCA,2nd
18	06017002025	Manya Chopra	BCA,2nd

19	08221302024	Dhairya srivastav	BCA,2nd
20	04017002025	Mayank Verma	MCA,2nd
21	08821302024	Ansh Jallandhra	BCA,2nd
22	02221302024	Anjali Tiwari	BCA,2nd
23	85170020204	Kshitij Bhardwaj	BCA,3rd
24	10321302025	Sarthak Bindal	BCA,2nd
25	50521302024	ZEYA SUHAIL	MCA,2nd
26	11617002025	Nupur jain	MCA,2nd
27	11017002025	Amaan Ahmed	MCA,2nd
28	11417002025	Vipan Kumar vansh	BCA,2nd
29	05517002024	Krishna Chadha	BCA,2nd
30	10221302024	Harsh chauhan	BCA,2nd
31	00821302025	Ankit Prasad	BCA,2nd
32	05317002026	Pratik	BCA,3rd
33	03921302024	Dhaanya Sethi	BCA,2nd
34	05817002026	Prachi Rawat	BCA,3rd
35	35921302024	PADMAVATI K	BCA,3rd
36	05321302026	Soumya tiwari	BCA,3rd
37	09617002025	Tanishka Gupta	BCA,2nd
38	03021302025	Nishika	BCA,2nd
39	00621302025	Aayushi Gupta	BCA,2nd
40	02517002024	Ashmit Nanda	BCA,2nd
41	09517002024	Haya Akhtar	BCA,2nd
42	00011702024	Dheirya Saini	BCA,2nd
43	09121302025	Pratham Chaudhary	BCA,3rd
44	06317002025	Lakshika	BCA,2nd
45	05121302024	Parv mehndiratta	BCA,2nd
46	02521302025	Tanishk Gupta	BCA,3rd
47	00321302025	Dhruv Ramesh Iyer	BCA ,2nd
48	02521302024	Ali hashim	BCA,2nd
49	02621302024	Aman baid	BCA,2nd
50	00721302025	Lakshay Sharma	BCA,2nd
51	09517002024	Lakshay Kumar	BCA,2nd
52	08217002024	Ujjwal Chaurasia	BCA,2nd
53	05321302025	Prince	BCA,2nd
54	02221302025	Shreya Jain	MCA,2nd
55	02517002025	Nishika	BCA,2nd
56	09221302026	Abhinav	BCA,3rd
57	03817002025	Tanvi Tyagi	BCA,3rd
58	05321302025	Siya pal	BCA,3rd
59	02121302025	Kriti Sethi	BCA,3rd
60	10821302025	Sumit pal	BCA,3rd
61	04517002023	Saboori vij	BCA,2nd
62	06317002024	Khwahish Anand	BCA,3rd
63	03117002025	Mayank kumar	BCA,2nd
64	36217002024	Aayushi sukhlani	BCA,3rd
65	01821302025	Dhruv Ramesh Ayer	BCA,2nd

List of External Participants (Attendance Sheet):

S. No.	Name of the Student	Prog & Year	Name of the Institution
1	Mohit Panday	BCA,3rd	Jain Vishva Bharati Institute Ladnun Rajasthan
2	Pranay Kumar	BCA,3rd	Jain Vishva Bharati Institute Ladnun Rajasthan
3	Aditya Jain	BCA,3rd	Jain Vishva Bharati Institute Ladnun Rajasthan
4	Aditya Jain	BCA,3rd	Jain Vishva Bharati Institute Ladnun Rajasthan
5	Vashu kaushik	BCA,3rd	Jain Vishva Bharati Institute Ladnun Rajasthan

Event Coordinator/Club Incharge

Ms. Rajni
Data Science Club Incharge

Dr. Ratandeep Kaur
Domain Club Head

Dr. Sushma Bahuguna
Asso. Dean, DICT
Asso. Dean, Dept. of Info. Comm. & Tech.
Tecnia Institute of Advanced Studies