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 PowerBI)

Event	Awareness
Type of Activity:	Workshop
OBE Values	Technical Competence
Mulya Pravah	Dedication
Global Impact-UNSDG No.	SDG 9 – Industry, Innovation, and Infrastructure
Objectives	1. Understand the fundamentals of Power BI. 2. Import and prepare data for analysis. 3. Create interactive dashboards and reports. 4. Apply data visualization techniques effectively. 5. Generate insights for business decision-making. 6. Develop professional and user-friendly dashboards.
Course Mapping	Introduction to PowerBI (BCA 201T,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 will create interactive Power BI dashboards. 2. Students will analyze and visualize data effectively. 3. Students will generate meaningful business insights. 4. Students will develop professional BI reports. 5. Students will apply data-driven decision-making techniques.
In collaboration/association with	Domain Club: Data Science Club (DICT)
Name & Designation details of Resource Person- Internal Expert (LinkedIn Profile Link)	Ms. Rajni, Assistant Professor (TIAS)
Name & Designation details of Resource Person- External Expert Trained counseling expert(LinkedIn Profile Link)/	NA
Duration (Date & Time)	12-Sep.-2026
Mode (Offline/Hybrid)	Offline
Venue	COE Lab 2nd Floor UG Block Room No-2101
No. of Internal Participants	25
No. of External Participants *[write NA if not applicable]*	0
No. of Institutions Participated	01

University Representation	NA
Awards/Recognition (if any) (Attach e-copy of Awards/Certificates)	E-Certificate

Innovation / Best Practice

The workshop adopted a **hands-on, technology-driven experiential learning approach** by providing students with practical exposure to Microsoft Power BI for data analysis, visualization, and business intelligence. Key innovative features include:

- Integration of **Power BI with data analysis and business intelligence**, reflecting contemporary industry practices.
- Hands-on experience in **data importing, preparation, visualization, and interactive dashboard development.**
- Experiential learning through the creation of **professional and user-friendly BI reports and dashboards**.
- Application of **data-driven decision-making techniques** to generate meaningful business insights.
- Alignment of the activity with **OBE – Technical Competence, Mulya Pravah – Dedication, and UNSDG 9 – Industry, Innovation and Infrastructure.**

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 appreciated the hands-on Power BI activities, found the concepts easy to understand and useful for real-world applications, and suggested more practical sessions on advanced topics.**
Suggestions for improvement (if any)	**NA**

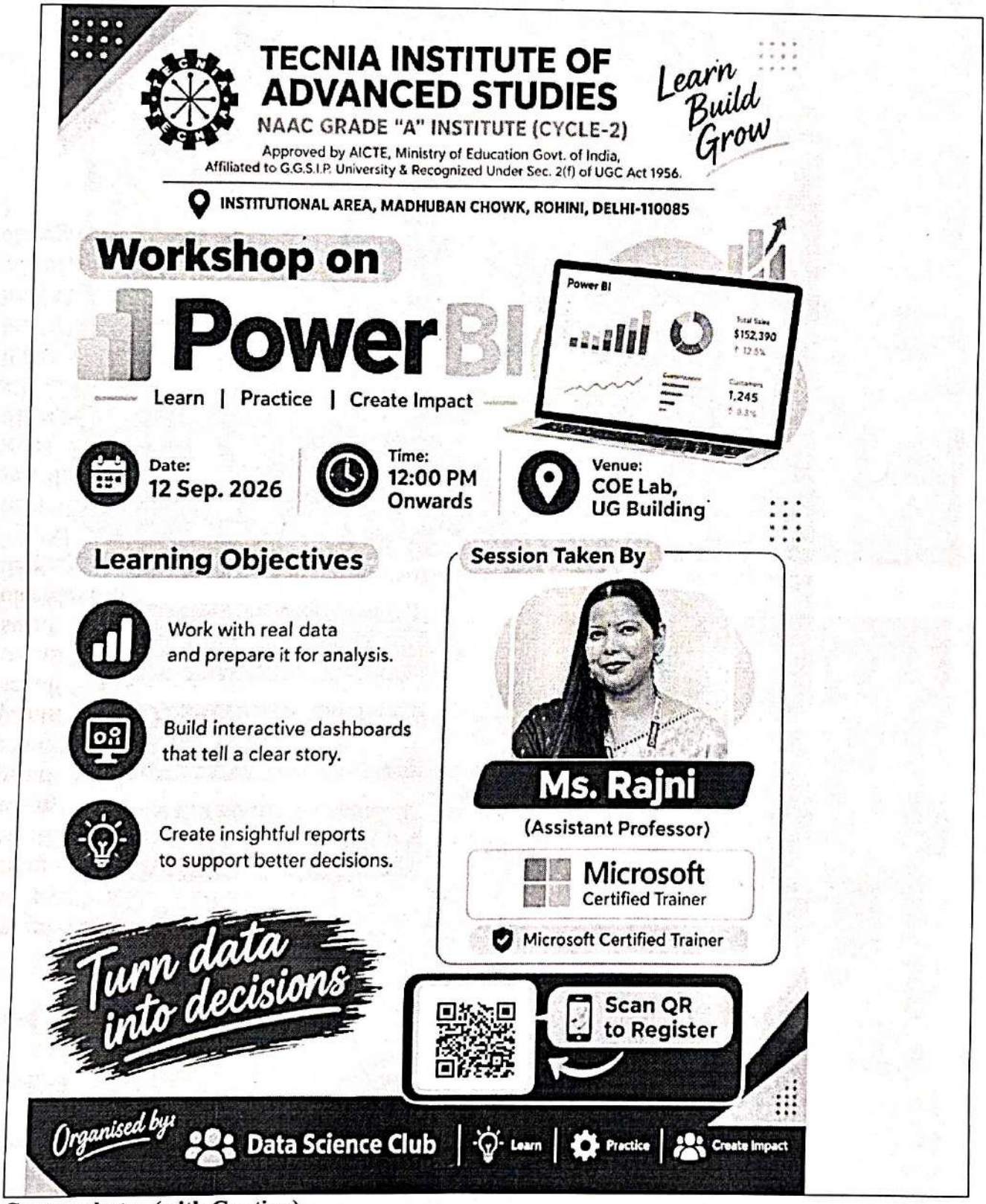
Concluding

The Power BI workshop successfully provided students with practical knowledge of data visualization and business intelligence. Through hands-on activities, participants learned to import, analyze, and present data using interactive dashboards and reports. The session enhanced their technical competence and encouraged data-driven decision-making. Overall, the workshop was informative, engaging, and beneficial in developing industry-relevant skills among students.

Media Coverage:

Social media link(s) (Mandatory)	**https://www.instagram.com/tecniainstitute.ig/, https://in.linkedin.com/company/tecniainstitute, https://www.facebook.com/Tecniaofficial/**
Print Media evidence (If any)	

Poster/Flyer



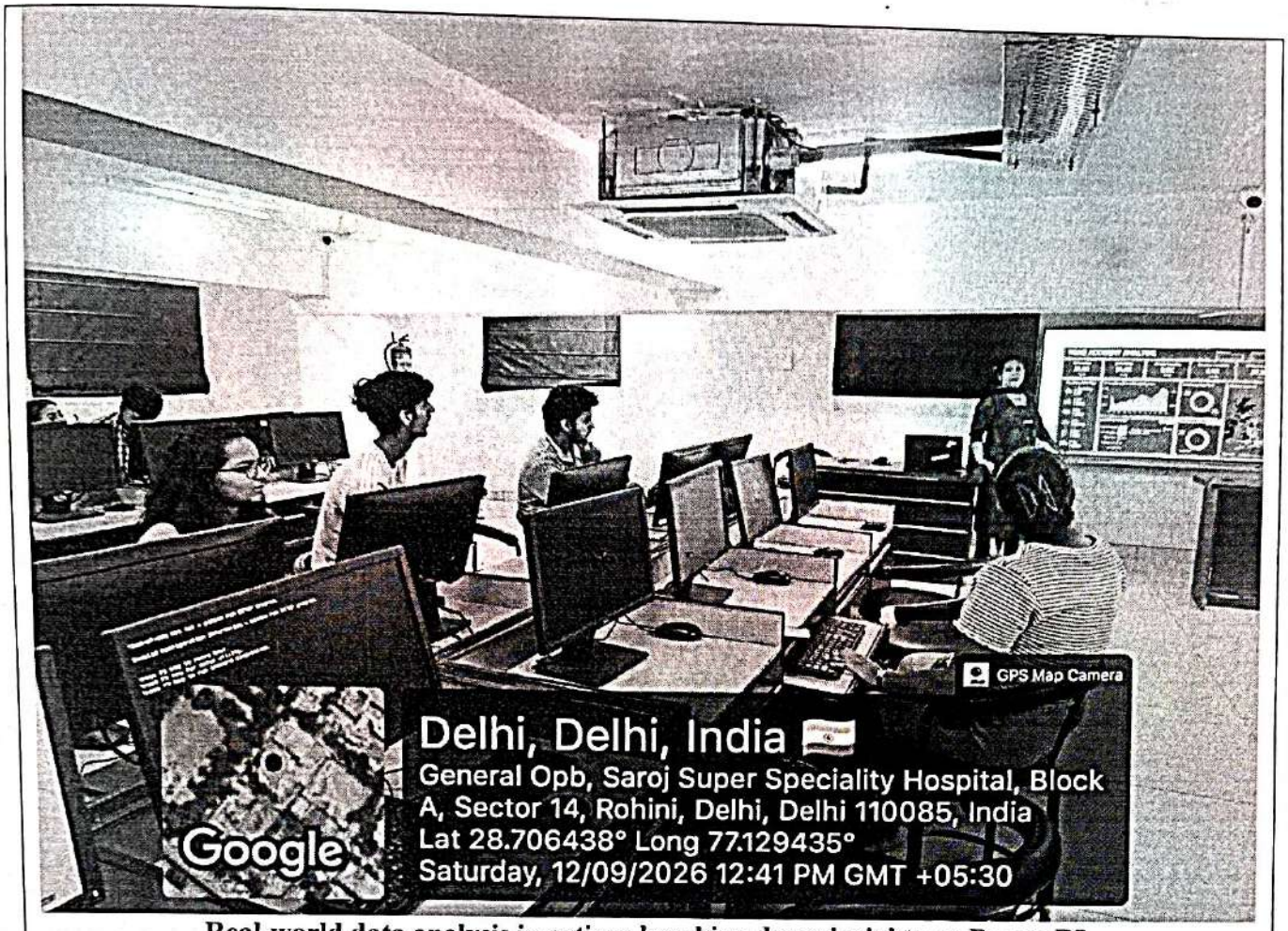
Geotag photos (with Caption):



Setting up for insights—data storytelling with Power BI begins



Building dynamic dashboards step-by-step with Power BI



Real-world data analysis in action: breaking down insights on Power BI

List of Participants (Attendance Sheet):

S.No.	Enrolment No.	Name of the Student	Prog & Year	Sign
1	01621302025	Aditya Jain	BCA, Sem 3	
2	00521302024	Mayank Kumar Jha	BCA, Sem 5	
3	00617004425	Shubham Saini	MCA, Sem 3	
4	00417002025	Gazal bansal	BCA, Sem 3	
5	00117004425	Mohit bhoriya	MCA, Sem 3	
6	03921302025	Ketna	BCA, Sem 3	
7	05321302025	Bhavini Arora	BCA, Sem 3	
8	00321302024	Yashasvi Sharma	BCA, Sem 5	
9	04717002025	Naman Singhoya	BCA, Sem 3	
10	05921302025	Aditya sharma	BCA, Sem 3	
11	09310173117	Dhaanya Sethi	BCA, Sem 3	
12	35117002024	Divyesh verma	BCA, Sem 5	
13	10521302025	Silvi Mehta	BCA, Sem 3	
14	05621302024	Yasmin	BCA, Sem 5	
15	01121304425	Anchal Sharma	MCA, Sem 3	
16	06317002024	Tanishk Gupta	BCA, Sem 5	
17	04917002024	Kanishk	BCA, Sem 5	

18	04417002024	Aditya Shrivastav	BCA, Sem 5	
19	08826040868	Tanya	BCA, Sem 1	
20	03021302025	Nishika	BCA, Sem 1	
21	08799726898	Ujjaval Aggarwal	BCA, Sem 1	
22	02321302025	Vikalp bhatia	BCA, Sem 3	
23	50221302024	Vansh arora	BCA, Sem 5	
24	05117002024	Aakash Rawat	BCA, Sem 5	
25	01321302025	Saboori vij	BCA, Sem 3	

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