

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A report on

Industry Institution Interaction Session on Cloud & Power BI

In collaboration with Microsoft

Title: **“Cloud & Power BI”**

Organized by: **Department of Electronics and Communication Engineering**

Resource Person: **Mr. Mallikarjun Appani**

Designation: **BI Developer Team Lead**

Venue: **VI-203**

Date: **16-09-2025**

Time: **2:00 – 03: 30 pm**

Conducted for: **III ECE Students**

Number of Participants: **70**

Profile of the Guest

An Industry Institution Interaction Session was organized by Dept. of ECE, RCE on 16 th September, 2025 titled “Cloud & Power BI” delivered by Mr. Mallikarjun Appani . He is a 6x Certified PL300, DP700, AI102, DP203, DP600, Microsoft Certified Trainer, Azure Data Engineer, Power bi Developer, Azure Ai engineer associate, Microsoft Fabric Developer, Fabric Engineer, Azure Databricks and Corporate Trainer

Report in brief

The Department of ECE organized an insightful **Guest Lecture on “Cloud & Power BI”** with the objective of enriching students’ technical knowledge and practical understanding of modern data technologies. The session focused on bridging the gap between theoretical learning and real-world industry applications. It aimed to help students comprehend how **cloud computing technologies** are revolutionizing data storage, processing, and sharing, while also introducing them to **Power BI**, a powerful business intelligence tool used for **data visualization and analytics**.

Through this session, students were introduced to the concept of how **cloud platforms** such as **Microsoft Azure, Amazon Web Services (AWS), and Google Cloud** can be integrated with Power BI to manage and analyze massive datasets efficiently. The lecture emphasized how organizations today rely on **data-driven decision-making**, and how professionals can use **Power**

BI dashboards and reports to transform raw data into meaningful insights. By combining cloud storage flexibility with Power BI's visualization capabilities, students learned how businesses can achieve real-time analytics, improve operational efficiency, and make informed strategic decisions.

Overall, the session provided a strong foundation in both **cloud infrastructure** and **business intelligence tools**, preparing students to explore advanced areas like **data analytics**, **cloud integration**, and **enterprise reporting systems** in their future careers.

Introduction

The Department of [Department Name] organized an insightful guest lecture on "**Cloud & Power BI**" to enhance students' understanding of cloud computing technologies and data visualization tools. The session aimed to provide students with industry-level exposure to how cloud platforms integrate with Power BI for data-driven decision-making and analytics.

Objectives of the Session

- To introduce students to the fundamentals of cloud computing and its service models.
- To explain how Power BI can be used for data visualization and business analytics.
- To demonstrate the integration of Power BI with cloud-based data sources.
- To create awareness about career opportunities in data analytics and cloud platforms.

Session Highlights

The session began with an overview of **cloud computing concepts**, including **IaaS**, **PaaS**, and **SaaS models**, and their real-time applications in data management. The resource person elaborated on the advantages of using cloud platforms such as **Microsoft Azure**, **AWS**, and **Google Cloud** for scalable data storage and analytics.

The second part of the session focused on **Microsoft Power BI** — its architecture, dashboard creation, and data visualization capabilities. A **live demonstration** of connecting Power BI to cloud databases and preparing **interactive dashboards** captivated the participants. The speaker also discussed **best practices for data security and performance optimization** in cloud-integrated BI solutions.

Outcome

Students gained a clear understanding of how **cloud technology** supports **business intelligence** and analytics workflows. They learned the process of importing, transforming, and visualizing cloud data using Power BI. The lecture enhanced their technical awareness and encouraged them to explore certifications and career paths in cloud analytics.

The session was started by the speaker with the future prospects of Electronics and Communication was promising, as this field plays a pivotal role in the rapidly advancing world of technology. The Power BI session was organized to provide students with practical knowledge and hands-on experience in **data visualization**, **business intelligence**, and **data analytics**. The aim of this session was to enable students to analyze, interpret, and present data using Microsoft Power BI — one of the most widely used tools in the data analytics industry.

Few glimpses from the Event

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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS
Industry Institution
Interaction session on
Cloud & Power BI

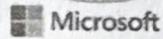
In Collaboration with
Microsoft

Mallikarjun Appani

BI Developer Team Lead
in Microsoft

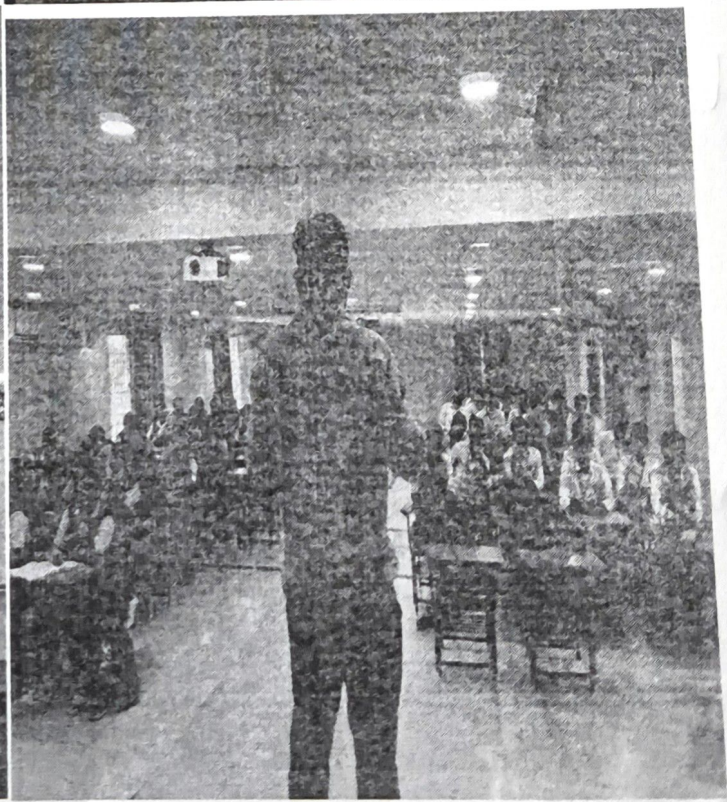


DATE: 16-09-2025(Tuesday)
Time: 2:00pm
Venue: VIZ03



Coordinators:
Dr. Raju Katru
Mr. Y.Naveen Kumar

Convener:
Dr.B.Raghavaiah



Feedback by Students

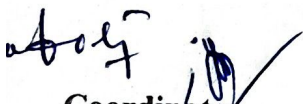
"We gained very valuable knowledge from this session which will be very useful for our future career development. This lecture enabled us to go for innovative projects in the field of POWER BI. We are thankful to Department of ECE for giving us this opportunity and making a way for better engineers".

..... **III ECE Students**

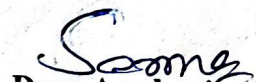
Feedback by the Resource Person

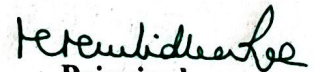
"This is really a nice experience for spending some quality time with ECE, RCE students. The session was interactive and the students cleared many doubts related to various emerging technologies in the field of Electronics and Communications. I would like to thank the management of RCE for giving me this opportunity".

..... **Mr. Mallikarjun Appani**


Coordinator


HoD


Dean Academics


Principal

Department of Electronics and communication Engineering
Date:10/09/2025

To

The HoD,

Ramachandra College of Engineering,

Eluru,

#Through proper channel#

Sub: Request to grant permission for Industry-Institution Interaction Session on Power BI, regards.

We the Faculty of ECE department is requesting to grant permission for Industry-Institution Interaction session on Power BI is related to Industrial jobs to gain more knowledge about ECE domain.

Thanking you sir

*forward to Principal Sir
De
10/9/25*

Yours faithfully,

Dr.K.Raju

Mr. Y. Naveen Kumar

Dept of ECE

*Res
10/9/25*

① *10/9/25*
② *10/9/25*

Department of Electronics and communication Engineering

Date: 11-09-2025

Circular

All the students & Staff are hereby informed that, Department of ECE is planning to organize Industry-Institution Interaction session on Power BI by Dr. Mallikarjun A from Microsoft Hyderabad on 16-09-25 for ECE students. This is for your kind information.


HoD