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**NEW HORIZON COLLEGE OF ENGINEERING**
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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## Department of Information Science and Engineering

### Report on Industrial Visit at IBM, Bengaluru

      The Department of Information Science and Engineering students have visited **IBM,** Bengaluru on 22-July-2024 as a part of Industrial visit to explore and experience the real work in software and hardware fields and interacted with engineers to understand the work carried out in their company. Totally 32 students visited along with Mrs. Chitti T N, Sr. Assistant Professor and Mrs. Rama Dan, Assistant Professor, ISE, NHCE, Bengaluru.

We started our industrial visit journey towards **IBM** Bengaluru at 09:30 am and we reached there around 10:30 am on 22-July-2024. The **IBM** is located in D Block, Embassy Golf Links, Off Indira Nagar-Koramangala Intermediate Ring Road, IBM Ln, Embassy Golf Links Business Park, Challaghatta, Bengaluru, Karnataka 560071
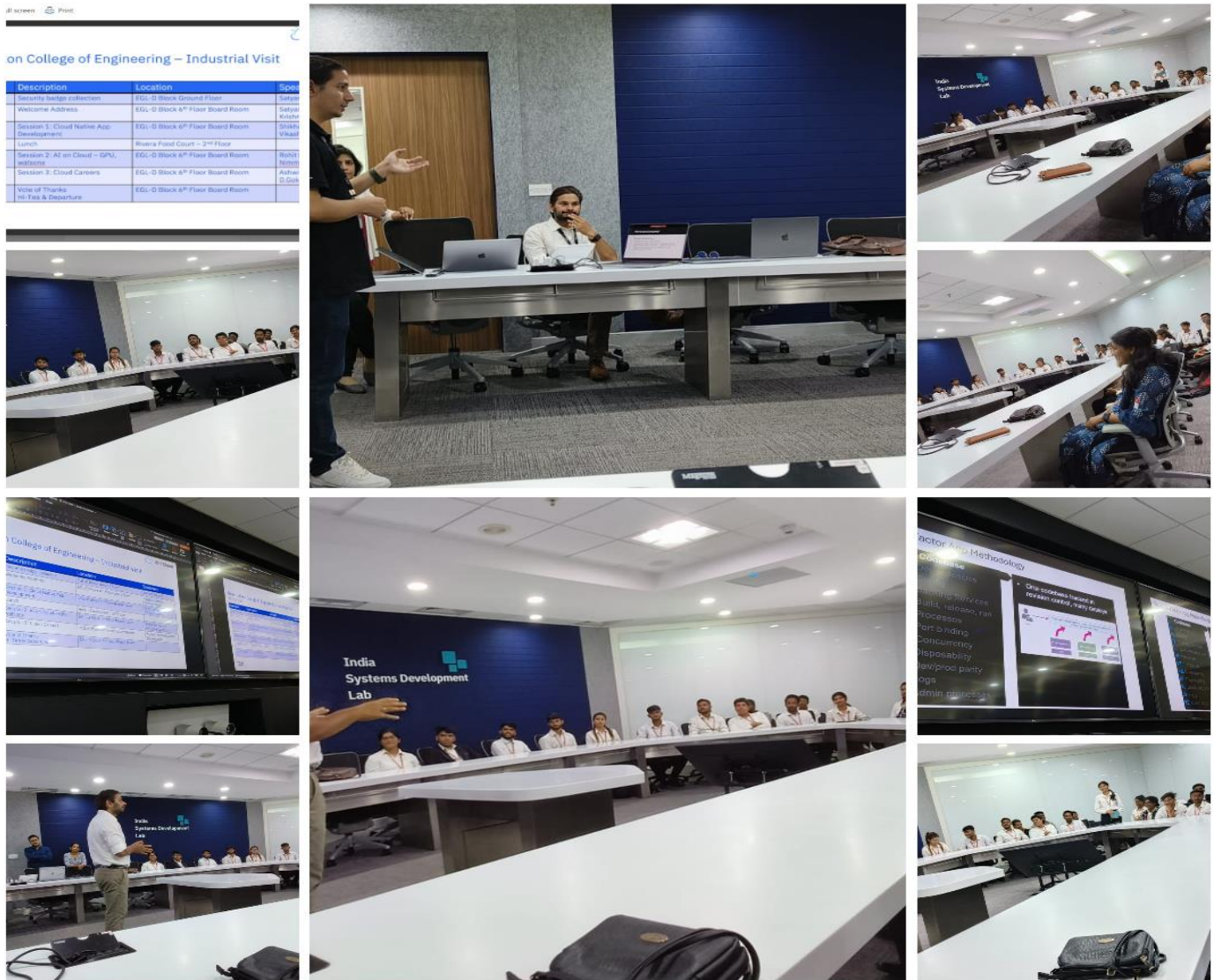
**International Business Machines** (**IBM**) is a multinational corporation specializing in computer technology and information technology consulting. Headquartered in Armonk, New York, the company originated from the amalgamation of various enterprises dedicated to automating routine business transactions, notably pioneering punched card-based data tabulating machines and time clocks. In 1911, these entities were unified under the umbrella of the Computing-Tabulating-Recording Company (CTR).

**IBM team has demonstrated about IBM Cloud as follows,**

IBM cloud is a suite of cloud computing services which offers both platform as a service (PaaS) and Infrastructure as a Service (IaaS) and Software as a service (SaaS) . With IBM, IaaS cloud organizations can deploy virtualized IT resources such as computing power, storage and networking over the internet. There is a choice between virtual servers and bare metal servers.

In IBM PaaS cloud which is based on open-source cloud platform cloud foundry – developers can use services of IBM to create, manage, run and deploy different types of applications on public cloud, in house or local environments. It supports various programming languages such as Java, Node.js, PHP and Python

and also extends support for other languages as well. IBM Smart Cloud Solutions consist of a number of collaborations, analytics and marketing SaaS applications.
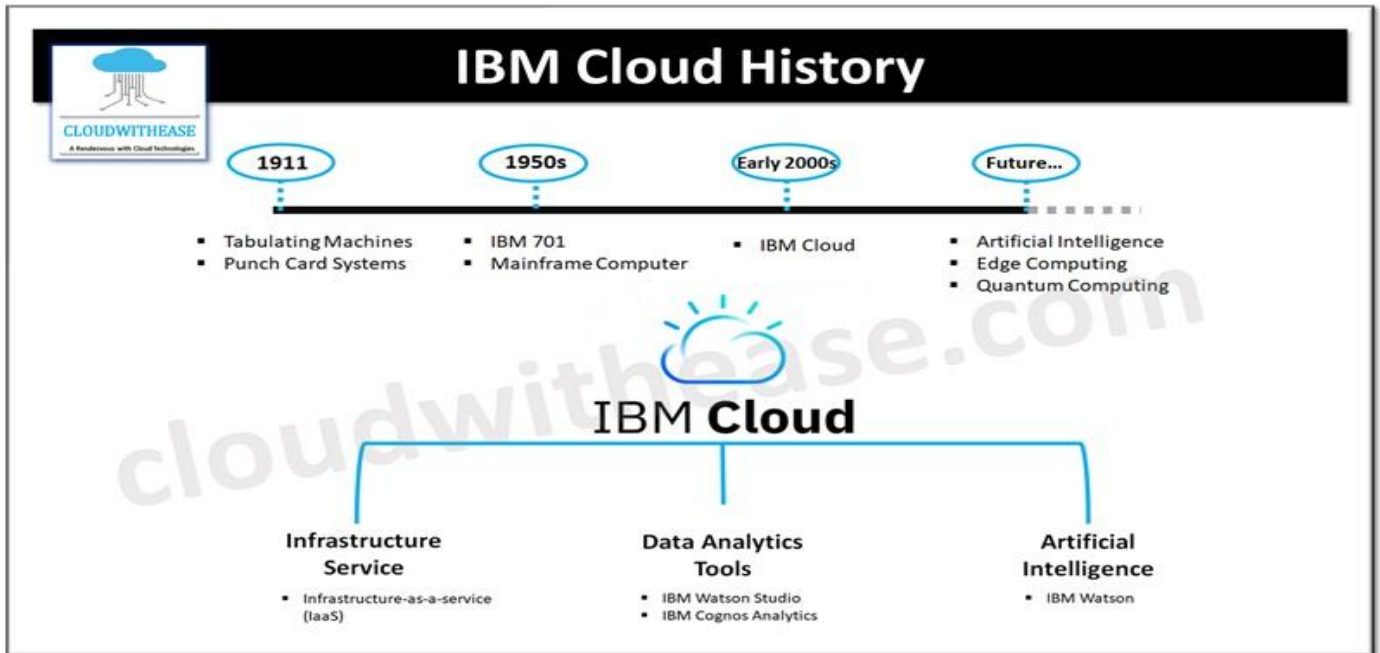


IBM cloud has a full stack of 170 products and cloud computing services for business to business (B2B) organizations around the world. IBM cloud services are positioned under three umbrellas namely SmartCloud foundation, SmartCloud services and SmartCloud solutions for improved productivity and efficiency.

The industrial visit started with a brief introduction to **IBM** history, and its contributions to research, software and hardware products. The participants were then divided into smaller groups and assigned guides who accompanied them throughout the visit.

We have successfully completed our industrial visit at **IBM, Bengaluru**. This industrial visit will definitely help us and will try to implement their best practices into our department.

**Dr. Arvind S. Kapse**                                          **HOD-ISE**
**Professor, ISE**
**Industrial Visit Coordinator**