

## **Report of One Day Workshop On “Data Center Technologies”**

To educate students about the latest advancements in data center infrastructure, management, and technologies. Department of Information technology conducted one day workshop on “**Data Center Technologies**” on 16<sup>h</sup> January 2023. Mr. Amit Kapadia , Sr. Technical Consultant from Cloud Engineer IT Training and Services was the resource person.

In Inauguration session Prof Leena Karan, HOD of Department Information Technology welcomed Principal Dr.A.K.Singh ,Vice principal Dr. S.L. Gaikwad ,IQAC Coordinator Dr.S.S.Waghmode, Self Finance Coordinator Prof.S.B.Pawar and Resource person Mr. Amit Kapadia .

Prof . Leena Karan explained the goal of the workshop was to provide an in-depth understanding of data centers, their role in modern IT ecosystems, and emerging trends like automation, cloud computing, and sustainability in data center design .Principal Dr.A.K. Singh guided and explained importance of this workshop. Prof. S.B. Pawar proposed the vote of thanks and invited to the resource person to continue with session.

The session began with an overview of data centers, explaining their critical role in managing and storing vast amounts of data .The second session focused on virtualization and Vcenter server appliance. The workshop was a success in providing valuable knowledge and practical insights into data center technologies. Participants gained a deeper understanding of how data centers operate, the importance of energy efficiency, the integration of cloud computing, and emerging trends like virtualization and AI-driven management.