

Integrating Educational Technology and Computer Systems for Effective Academic Management in Indian Higher Education Institutions

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Abstract

The integration of educational technology and computer systems has become essential for improving academic management in Indian higher education institutions. This study explores how digital tools such as learning management systems, cloud computing, and data analytics enhance administrative efficiency, teaching quality, and student performance tracking. It also examines the role of technology in streamlining academic planning, evaluation processes, and communication between stakeholders. The findings highlight that effective adoption of computer-based systems leads to improved decision-making, transparency, and overall institutional performance. However, challenges such as infrastructure gaps, digital literacy, and resistance to change still need to be addressed for successful implementation.

Keywords:

Educational Technology, Computer Systems, Academic Management, Higher Education, Digital Learning, Learning Management Systems, India, Cloud Computing, Data Analytics, Institutional Efficiency