NATURE OF KNOWLEDGE MANAGEMENT IN EDUCATION

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Abstract
The research touches upon the issue of knowledge management at educational institutions as the means to optimize the processes of generating, accumulating and disseminating knowledge. The paper outlines the key aspects of knowledge management role including knowledge dissemination, curriculum development, innovation, life-long learning, etc. The core elements of knowledge management in education are identified as people, processes and technologies. The stages of implementing knowledge management in academic environment are described. Collaboration tools to attain the objectives of effective knowledge management are classified into project management tools, communication tools, cloud storage and file sharing tools and learning management systems. The author concludes that knowledge management in education is a dynamic process that enhances effectiveness, efficiency, and resilience of educational institutions in an ever-changing and increasingly complex world.

Key words: knowledge management, education, academic environment, educational institutions, knowledge dissemination.

Introduction
Since time immemorial, educational institutions have acted as the prime environments for generating, accumulating and disseminating knowledge. It is no wonder that the issue of optimizing these processes has always been

the core for scholars' and practitioners' investigations. The emergence and spread of technology has given rise to refining the strategy for managing knowledge gaining added value to the products and services educational institutions provide.

Overview

The role of knowledge management in educational institutions is multifaceted and crucial for advancing a culture of continuous learning, innovation, and development.

Knowledge management promotes dissemination of information, best practices and ideas among educators, administrators, and students. Sharing can be exercised through various channels, such as training sessions, collaborative platforms, and panel discussions. Knowledge management encourages innovation by fostering creativity, experimentation, and the exchange of ideas. Educational institutions can inspire educators and students to explore new methods, technologies, and approaches to facing academic challenges by providing platforms for collaboration and know-ledge sharing.

Knowledge management aids educational institutions in developing and refining their curricula by leveraging insights from educators and experts. When capturing and analyzing knowledge about teaching and learning methodologies, student learning outcomes, and emerging trends systematically, institutions can adapt their curricula to meet the evolving needs of students and society.

Knowledge management enables preserving institutional memory by documenting past experiences, successes, and failures. This historical knowledge can assist in decision-making, and ensure continuity in leadership transitions. Knowledge management provides decision-makers in educational institutions with access to timely, relevant, and reliable information. This information enables informed decision-making across various areas, such as resource allocation, strategic planning, and policy development.

Knowledge management supports a culture of continuous development by forwarding reflection, evaluation, and feedback loops. Educators and administrators can use knowledge management processes to assess the effectiveness of educational programs, identify areas for improvement, and implement evidence-based strategies to enhance teaching and learning outcomes.

Knowledge management promotes lifelong learning by providing educators and students with access to a diverse range of learning resources, including online courses, research articles, and instructional materials. By

cultivating a culture of lifelong learning, educational institutions can empower individuals to adapt to changing circumstances and pursue continuous personal and professional development. The significance of the skill is proved by the valuable ability to search for and digest new information regardless of the activity and job title [1].

To achieve effective knowledge management in academic environment it is expedient to identify its core elements that include people, processes and technologies.

• People: Faculty, staff, and students are the knowledge holders. Knowledge management strategies involve fostering collaboration and knowledge exchange among them.

• Processes are the systematic approaches for creating, capturing, storing, and disseminating knowledge. Examples include curriculum development procedures, faculty development programs, and student knowledge-sharing platforms.

• Technologies: Digital tools play a major role in knowledge management. Learning management systems, online repositories, and collaboration software can streamline knowledge capture and sharing.

The implementation of knowledge management in educational institutions undergoes several stages. The first and foremost is to determine the need for knowledge that is crucial and assess the current state of its use. The next step is to develop the strategy of knowledge management, which will describe how knowledge is generated, stored, shared and applied. The strategy is powerful and fruitful when there is investment in technologies as such digital tools as LMS, various online platforms and repositories can improve knowledge management greatly. The key condition is also to create the atmosphere that boosts cooperation, encourages open communication among the academic process participants and invigorates the exchange of knowledge, experience and ideas.

To attain the objectives of effective knowledge management various groups of collaboration tools can be at hand. Project Management Tools help educators, students, and staff stay organized and on track by providing a central location to assign tasks, track deadlines, and share files. The top five are claimed to be Airtable, Asana, ClickUp, Evernote teams, GanttPro [2]: Communication Tools allow educators and students to connect easily. They are email services like Gmail, instant messaging apps like telegram, collaborative platforms like Google Workspace and Microsoft Teams, video conferencing tools like Zoom and Google Meet, discussion platforms like Flipgrid. The best Cloud Storage and File Sharing Tools for students in 2024

are Sync.com, Google Drive, Microsoft OneDrive, pCloud and Dropbox [3]. Learning Management Systems (LMS) are platforms specifically designed for online learning and often include collaboration tools. Based on the user satisfaction the best ones for 2024 are Google Classroom, Canvas LMS, Moodle, etc. [4].

Conclusions

Knowledge management in education is a dynamic process that helps to create the academic environment with an effective circulation of knowledge leading to better performance and outcomes in all areas of its activity. Overall, knowledge management plays a vital role in enhancing the effectiveness, efficiency, and resilience of educational institutions in an ever-changing and increasingly complex world.

The best collaboration tools for an educational institution depend on the specific needs of the educational institution, faculty, staff, and students. However, the tools listed above can all be helpful for improving communication, streamlining workflows, and fostering a more collaborative learning environment.

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