Knowledge Management in Higher Education in Nepal: Current Practices, Challenges, and Future Prospects

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Abstract

Higher Education Institutions (HEIs) serve as centers for knowledge creation, dissemination, and application, significantly contributing to academic advancement and societal development. Effective Knowledge Management (KM) plays a pivotal role in enhancing decision-making, fostering innovation, and ensuring institutional competitiveness (Nonaka & Takeuchi, 1995). Despite notable growth in Nepal's higher education sector, challenges such as fragmented knowledge systems, inadequate digital infrastructure, and policy gaps continue to hinder optimal knowledge utilization. This paper explores the current state of KM practices in Nepalese higher education and highlights opportunities to create a knowledge-driven academic environment. Implementing robust KM strategies can transform traditional academic environments by promoting knowledge sharing, research collaboration, and efficient resource management. Furthermore, KM strengthens institutional performance by aligning higher education institutions with global academic standards and fostering organizational excellence (Kara & DeShields, 2004; Cranfield & Taylor, 2008). However, the absence of a

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comprehensive KM framework tailored to Nepalese higher education poses a critical barrier to achieving these outcomes. This study emphasizes the need for strategic KM adoption to enhance research productivity, improve teaching methodologies, and facilitate knowledge dissemination. Addressing these challenges through policy interventions, digital infrastructure development, and capacity-building initiatives will drive sustainable academic growth and institutional excellence in Nepal's higher education sector.

Keywords: *Knowledge Management, Higher Education Institutions, Knowledge Creation, Academic Excellence, Digital Infrastructure, Knowledge Economy, Policy Interventions, Nepal*

1. Introduction

Overview

Knowledge Management (KM) refers to the process of creating, sharing, using, and managing knowledge and information within an organization to enhance its performance (Nonaka & Takeuchi, 1995). It involves a systematic approach to capturing, distributing, and effectively using knowledge to improve organizational efficiency and productivity (Dalkir, 2017). Knowledge management (KM) has emerged as a critical component in enhancing the effectiveness of higher education institutions (HEIs) worldwide. In Nepal, where higher education is expanding rapidly, KM can play a pivotal role in improving teaching, research, and administrative efficiency. This paper explores the significance of KM in Nepalese HEIs, identifies challenges, and suggests strategies for effective implementation. The study emphasizes the role of digital transformation, collaboration, and policy interventions in strengthening knowledge management practices in Nepal's higher education sector.

Theoretical Framework of Knowledge Management in Higher Education: KM in higher education involves systematic creation, storage, sharing, and utilization of knowledge (Dalkir, 2017). The process comprises explicit knowledge (documented information) and tacit knowledge (experiential insights) (Polanyi, 1966). HEIs can implement KM through:

- **Organizational culture**: Encouraging knowledge-sharing practices among communities of practice bringing together individuals with shared interests or expertise to learn from each other

- **Technology**: Using digital platforms for storing and accessing knowledge

- **Policy frameworks**: Establishing guidelines for managing academic and research outputs and Efficient course development in the respective departments

2. Importance of KM in Higher Education

In higher education, KM plays a critical role in promoting academic excellence, fostering innovation, and enhancing organizational efficiency. According to Fullwood, Rowley, and Delbridge (2013), universities that adopt KM practices can improve knowledge sharing, collaboration, and innovation. This ultimately benefits students, faculty, and administration.

- *Enhancing Knowledge Creation and Dissemination:* Higher Education Institutions (HEIs) primarily function as centers for knowledge creation and dissemination. Knowledge Management (KM) helps streamline the process of creating new knowledge through research, academic activities, and community engagement and disseminating that knowledge to students, researchers, and society.

- *Improving Teaching and Learning Quality*: KM in higher education helps improve teaching and learning processes by ensuring access to up-to-date information, effective pedagogical methods, and the exchange of best teaching practices. Institutions that integrate KM foster continuous learning and curriculum development.

- *Promoting Research and Innovation*: KM facilitates research and innovation by ensuring that knowledge generated from research activities is captured, stored, and shared effectively. This allows researchers to build upon existing knowledge, collaborate with peers, and contribute to innovative solutions to societal challenges.

- *Facilitating Collaboration and Networking*: Knowledge Management promotes collaboration among faculty, researchers, students, and external stakeholders, allowing them to share knowledge and work together on innovative projects. Collaboration

improves research output, academic service delivery, and overall institutional efficiency.

- ***Enhancing Organizational Efficiency and Productivity***: KM supports the effective management of institutional resources, reducing redundancy, minimizing costs, and optimizing academic and administrative operations. By centralizing access to knowledge, institutions can reduce the time and effort required to retrieve information.

- ***Capturing and Utilizing Intellectual Capital***: Higher education institutions possess vast intellectual capital in the form of research findings, teaching methodologies, student projects, and administrative knowledge. KM captures this capital and ensures its effective utilization, ultimately strengthening the institution's knowledge base.

- ***Supporting Decision-Making and Policy Formulation***: Knowledge Management enables higher education leaders to make informed decisions by providing access to institutional data, research insights, and best practices. This supports evidence-based policy formulation and strategic planning, leading to institutional growth and sustainability.

- ***Increasing Student Engagement and Retention***: KM improves student engagement by providing easy access to learning materials, digital libraries, academic databases, and research repositories. This helps in reducing dropout rates, improving student satisfaction, and enhancing learning outcomes.

- ***Building Competitive Advantage for Institutions***: Institutions that effectively manage knowledge gain a competitive advantage by fostering innovation, improving academic services, and maintaining organizational excellence. This also helps institutions rank higher in research and academic performance.

- ***Enhancing Digital Knowledge Infrastructure***: The implementation of knowledge management enables institutions to build digital infrastructure such as Digital Libraries, Learning Management Systems (LMS), and Research Repositories. This fosters easy access to academic content and promotes knowledge sharing.

- ***Reducing Knowledge Loss***: Knowledge Management ensures that the knowledge possessed by retiring faculty, administrative staff, and alumni is captured and preserved

to prevent knowledge loss. This helps in ensuring institutional sustainability and knowledge continuity.

- *Promoting Knowledge Sharing Culture*: Knowledge Management fosters a culture of knowledge sharing among faculty, staff, and students, which promotes academic collaboration, joint research, and institutional growth. Promoting open access and knowledge repositories enhances knowledge flow.

3. Global Trends in KM in Higher Education

Globally, institutions are leveraging KM to improve educational quality. Examples include the adoption of Learning Management Systems (LMS), research repositories, and knowledge-sharing platforms (Rowley, 2000). Countries like the USA, the UK, and Australia have successfully integrated KM practices into their higher education systems (Fullwood et al., 2013). The dedicated knowledge team is responsible for developing and implementing KM initiatives.

The Higher Education Landscape in Nepal

Nepal's higher education system is governed primarily by Tribhuvan University, Kathmandu University, and other institutions under the University Grants Commission (UGC) of Nepal. Despite an increasing number of universities and colleges, challenges persist in knowledge creation and dissemination due to limited research funding, inadequate digital infrastructure, and lack of KM policies (Bhattarai & Poudel, 2021). Nepal's higher education sector is evolving, with increasing recognition of the need for effective knowledge management. However, there are challenges in implementing KM practices across universities due to limited infrastructure, lack of awareness, and inadequate digital resources. KM enhances educational quality by promoting collaboration, resource sharing, and innovation among faculty and students. It facilitates evidence-based decision-making, curriculum development, and academic research (Serban & Luan, 2002).

4.   Current State of Knowledge Management in Nepali Universities

Nepal's higher education system comprises universities, affiliated colleges, and autonomous institutions. The major universities include Tribhuvan University (TU), Kathmandu University (KU), and Nepal Open University (NOU). These institutions have diverse academic, administrative, and research roles.

Tribhuvan University (TU)

Tribhuvan University, established in 1959, is the largest university in Nepal, with over 1,100 affiliated and constituent colleges and campuses across the country. The university has taken several initiatives to implement KM practices to enhance educational quality, including:

a. **Digital Repository and Knowledge Sharing Platform:** TU has initiated the establishment of a digital repository that stores academic resources such as theses, dissertations, research papers, and publications. This repository acts as a knowledge-sharing platform for students, faculty members, and researchers, promoting knowledge accessibility and reducing duplication of research work.

b. **Research and Innovation Promotion:** The Research Centre for Educational Innovation and Development (CERID) under TU promotes research activities among faculty members and students. Through research grants, capacity-building workshops, and academic seminars, TU facilitates the production and dissemination of knowledge, contributing to knowledge management.

c. **Library Automation and Digital Library:** TU Central Library has implemented Koha Integrated Library Management System (ILMS) for library automation, allowing students and faculty to access digital resources. The adoption of DSpace digital repository platform has further strengthened the knowledge-sharing infrastructure by storing electronic resources and facilitating research.

d. **Academic Networking and Collaboration:** TU collaborates with national and international academic institutions to promote knowledge exchange and academic networking. Through student exchange programs, joint research projects, and

international conferences, TU fosters cross-border knowledge sharing and capacity building.

e. **Capacity Building and Training:** TU regularly organizes faculty development programs, training sessions, and workshops for academic staff to enhance their knowledge and teaching skills. These programs promote the internalization of knowledge management practices among teaching and non-teaching staff.

Kathmandu University (KU)

Kathmandu University (KU) was established in 1991 with the vision of providing quality education in Nepal. Located in Dhulikhel, Kavrepalanchok, KU is a non-profit, autonomous institution dedicated to promoting academic excellence through teaching, research, and professional services. KU offers various undergraduate, postgraduate, and doctoral programs across disciplines such as engineering, medicine, management, arts, and education. It has become a center of learning that aligns with global educational standards, including.

a. **Creation of Knowledge:** Knowledge creation is a key component of knowledge management in KU. The university fosters research, innovation, and academic activities that lead to new knowledge generation. Faculty members, researchers, and students engage in continuous knowledge creation through:

b. **Research Projects**: KU promotes research and development (R&D) through its research centers such as the Research, Development, and Innovation Center (RDIC).

c. **Publications**: Faculty and students are encouraged to publish their research work in peer-reviewed journals, conferences, and international publications.

d. **Collaborations**: KU collaborates with national and international academic institutions and industries to facilitate knowledge creation.

e. **Knowledge Sharing:** Knowledge sharing is crucial for disseminating knowledge and information within KU. The university has adopted various strategies to facilitate knowledge sharing among faculty, students, and stakeholders.

f. **Digital Repositories**: KU has established a digital library where research papers, theses, and academic resources are stored and shared.

g. **Workshops and Seminars**: Regular workshops, seminars, and conferences are organized to share knowledge and research findings.

h. **Online Learning Platforms**: The university has adopted online learning management systems (LMS) to facilitate knowledge sharing through virtual classrooms and online content.

i. **Knowledge Application:** Applying knowledge in practical contexts is essential for achieving quality education. Kathmandu University emphasizes the practical application of knowledge through:

  i. **Experiential Learning**: KU promotes hands-on learning experiences such as internships, industry visits, and community service.

  ii. **Innovation Labs**: The university has established innovation labs and incubation centers for students to apply their knowledge in solving real-world problems.

  iii. **Curriculum Design**: KU continuously updates its curriculum to integrate modern knowledge, skills, and technologies that meet market demands.

j. **Knowledge Storage and Preservation:** To preserve knowledge for future generations, KU has developed knowledge repositories and archiving systems. The major initiatives include:

  i. **Digital Archives**: KU has developed a digital repository that stores past research, publications, and academic records.

  ii. **Library Resources**: The KU library offers access to physical and digital resources, including books, journals, and databases.

  iii. **Documentation Systems**: The university has implemented effective documentation systems to record and manage academic and administrative knowledge.

k. **Knowledge Transfer:** Knowledge transfer ensures that knowledge flows from experts to learners, institutions, and external stakeholders. KU promotes knowledge transfer through:

      i. **Partnership Programs**: KU has established partnerships with industries, government agencies, and international universities to transfer knowledge.

      ii. **Alumni Network**: The university leverages its alumni network to transfer knowledge and expertise to current students and faculty members.

      iii. **Extension Services**: KU provides extension services to the community, offering training, consultancy, and outreach programs.

Nepal Open University (NOU)

Nepal Open University (NOU) was established in 2016 with the mission of expanding access to higher education through open and distance learning. As a government-funded institution, NOU aims to provide affordable and flexible learning opportunities to students across Nepal, especially in remote and underserved areas. The university offers a range of academic programs from undergraduate to doctoral levels in various fields, including education, management, science, and technology. The university primarily operates through online platforms and digital resources, making knowledge management a critical component of its educational delivery, including.

a. **Knowledge Creation:** Knowledge creation is central to NOU's academic mission, enabling faculty, researchers, and students to generate new ideas, research, and knowledge. NOU promotes knowledge creation through:

- **Research and Innovation**: Faculty members and students engage in research activities, resulting in publications, policy papers, and innovative solutions to societal problems.

- **Online Learning Resources**: NOU develops online learning content, e-books, and video lectures to facilitate knowledge generation.
- **Collaborative Learning**: The university encourages collaborative learning environments where students and faculty can jointly create knowledge through group discussions and online forums.

b. **Knowledge Sharing:** As an open university, knowledge sharing is a vital aspect of NOU's educational model. The university facilitates knowledge sharing through:

- **Learning Management Systems (LMS)**: NOU uses LMS platforms such as Moodle to share course content, lecture notes, assignments, and research materials with students.
- **Virtual Classrooms**: The university offers virtual classrooms where faculty members and students interact, exchange ideas, and discuss academic concepts.
- **Digital Repositories**: NOU has developed digital repositories that house academic resources, research papers, theses, and dissertations for wider access.

c. **Knowledge Application:** Knowledge application is crucial for transforming theoretical knowledge into practical solutions. NOU encourages the practical application of knowledge through:

- **Project-Based Learning**: Students are encouraged to work on practical projects, case studies, and simulations to apply their theoretical knowledge in real-world contexts.
- **Community Engagement**: NOU promotes community engagement and fieldwork to enable students to apply their learning in solving local problems.
- **Professional Training Programs**: The university offers professional development training and workshops to enable students to apply knowledge in their professional careers.

d. **Knowledge Storage and Preservation:** To ensure knowledge sustainability, NOU has adopted various mechanisms for storing and preserving knowledge. These include:

- **Digital Archives**: NOU maintains digital archives for storing research papers, academic publications, and digital learning materials.

- **Online Library Services**: The university provides access to online libraries, digital repositories, and e-resources for academic and research purposes.
- **Cloud-Based Data Storage**: NOU uses cloud-based storage systems to secure academic content and institutional knowledge.

e. **Knowledge Transfer:** Knowledge transfer at NOU involves the dissemination of knowledge to students, faculty, industries, and society. This is achieved through:

- **Online Learning Platforms**: NOU utilizes online platforms to transfer knowledge to students across the country.
- **Research Publications**: Faculty and researchers contribute to knowledge transfer by publishing their research in national and international journals.
- **Partnerships and Collaboration**: NOU collaborates with government agencies, international institutions, and industries to promote knowledge transfer and capacity-building.

5. Challenges of Knowledge Management in Nepal's Higher Education

Knowledge Management (KM) plays a crucial role in enhancing the quality of education, research, and overall academic performance in higher education institutions (HEIs). However, in the context of Nepal, several challenges hinder the effective implementation and utilization of KM practices in universities. These challenges are observed at both institutional and national levels, affecting the overall growth and innovation in higher education.

General Challenges of Knowledge Management in Nepal's Higher Education

a. **Lack of Awareness and Understanding of Knowledge Management**:

One of the significant challenges in implementing Knowledge Management (KM) in Nepalese higher education institutions is the lack of awareness and understanding of its importance. Many universities do not have a clear conceptual understanding of KM and its potential benefits, resulting in weak institutional commitment towards adopting KM practices. Without recognizing its value, universities fail to incorporate KM strategies into their educational and research frameworks.

b. **Limited Resources and Infrastructure**:

A major barrier to the implementation of KM practices in Nepalese universities is the lack of adequate financial, technological, and infrastructural resources. Most universities operate with limited budgets, which prevents them from investing in modern technology, online platforms, and digital libraries to facilitate knowledge creation, sharing, and preservation. This limits the scope of KM practices and restricts institutional development.

c. **Organizational and Cultural Barriers to Knowledge Sharing**:

The absence of a knowledge-sharing culture among academic institutions is another critical challenge. Many universities in Nepal lack organizational support to promote knowledge-sharing practices across departments and faculties (Yeh, 2005). Moreover, the hierarchical academic structure, reluctance to adopt innovative teaching methods, and lack of collaborative environments hinder the smooth flow of knowledge within universities.

d. **Issues Related to Faculty Training and Development**:

Limited opportunities for faculty training and development in KM practices significantly affect the quality of knowledge sharing and innovation in academic institutions. Most faculty members are not exposed to knowledge management tools, techniques, and strategies, which restricts their ability to integrate KM into teaching, research, and academic development. This, in turn, lowers the effectiveness of knowledge transfer to students and the creation of new knowledge.

6. **Opportunities for Advancing Knowledge Management in Nepal:**

Advancing knowledge management (KM) in Nepal presents significant opportunities to enhance academic performance, research collaboration, and institutional growth. By integrating modern technology, promoting collaborative research, and preserving

traditional knowledge, higher education institutions can foster a dynamic knowledge-sharing environment. Implementing strategic policies, strengthening digital infrastructure, and encouraging capacity-building initiatives will contribute to sustainable knowledge management practices in Nepal, including,

a. **Establishing a University-wide Knowledge Management Policy**: Tribhuvan University (TU) should develop a comprehensive KM policy that standardizes knowledge sharing, digital resource management, and research dissemination. This policy should promote open access to academic resources and facilitate knowledge transfer across all faculties and campuses.

b. **Strengthening Digital Infrastructure**: Investment in robust ICT infrastructure is crucial for effective KM. TU should expand high-speed internet connectivity, enhance digital libraries, and promote the use of e-learning platforms to bridge the digital divide and facilitate knowledge accessibility.

c. **Promoting Collaborative Research and Knowledge Sharing**: TU should encourage collaborative research among faculty members, students, and international academic institutions. Establishing a centralized research database and promoting open-access publications can significantly enhance knowledge dissemination.

d. **Capacity Building and Digital Literacy**: Providing regular training programs for faculty members, administrative staff, and students on knowledge management, digital literacy, and research methodology will foster a culture of knowledge creation and sharing.

e. **Enhancing Knowledge Preservation**: TU should strengthen its digital repository infrastructure by archiving research outputs, historical documents, and academic publications. Preserving and digitizing valuable academic resources will ensure long-term knowledge accessibility.

f. **Leveraging Traditional Knowledge and Practices**: Incorporating indigenous knowledge systems into KM frameworks can enhance knowledge diversity and accessibility. Recognizing and integrating traditional knowledge will enrich academic resources and contribute to knowledge sustainability.

g. **Collaboration with International Educational Institutions**: Partnering with international universities can facilitate knowledge exchange and capacity building. Establishing global networks will provide opportunities for joint research, faculty exchange programs, and shared learning resources.

h. **Building a Knowledge-Sharing Culture**: Promoting collaboration among faculty, students, and staff through formal and informal networks can enhance KM. Encouraging interdisciplinary discussions, workshops, and knowledge-sharing platforms will strengthen institutional knowledge flow.

i. **Policy Recommendations for Enhancing KM in Higher Education**

- **Strengthening KM Frameworks in Universities**: Developing standardized KM policies across universities can enhance knowledge sharing and institutional performance.
- **Government Support for Digital Infrastructure**: Government investment in digital infrastructure can facilitate KM adoption in higher education institutions.
- **Professional Development and Training Programs**: Providing continuous professional development opportunities for faculty and staff can improve KM practices and ensure sustainable knowledge management.

7.   Summary

This article explores the role of Knowledge Management (KM) in enhancing the quality of education, research, and institutional efficiency in higher education institutions (HEIs) in Nepal. It defines Knowledge Management as the process of creating, sharing, utilizing, and preserving knowledge within an organization to improve performance and productivity. The study emphasizes the importance of implementing KM in Nepalese universities to promote research collaboration, knowledge dissemination, and digital transformation in higher education.

The paper highlights how global higher education systems have successfully adopted KM practices through digital infrastructure, knowledge repositories, and collaborative research. It draws on case studies of major universities in Nepal — Tribhuvan University (TU),

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Kathmandu University (KU), and Nepal Open University (NOU) — to demonstrate how they are incorporating KM practices through digital libraries, academic repositories, research centers, and collaborative partnerships. The study further outlines that enhancing KM practices in Nepalese HEIs can contribute to improved academic performance, research output, and institutional development.

However, the article also identifies several challenges hindering effective KM implementation in Nepal, including limited infrastructure, lack of awareness, insufficient financial resources, and organizational culture barriers. To overcome these challenges, the article suggests adopting a comprehensive KM policy, improving digital infrastructure, promoting collaborative research, and providing capacity-building programs for faculty and staff. Furthermore, it recommends government support for digital infrastructure development, knowledge-sharing culture, and policy standardization across universities.

In conclusion, the article highlights that advancing Knowledge Management in Nepal's higher education sector can significantly improve knowledge creation, dissemination, and preservation. By leveraging digital technologies, promoting academic collaboration, and integrating traditional knowledge systems, Nepalese universities can enhance their global competitiveness and ensure sustainable educational development.

References

Adhikari, M. P. (2023). Use of Library Software in Constituent Campuses Libraries of Tribhuvan University. *Research Management Cell, Birendra Multiple Campus*. https://elibrary.tucl.edu.np/items/7c9dbf8c-ecb9-4773-9d81-03f039193484

Alavi, M., & Leidner, D. E. (2001). Knowledge management and knowledge management systems: Conceptual foundations and research issues. *MIS Quarterly*, *25*(1), 107-136.

Baral, B., Hansson, H., & Larsson, U. (2024). Evaluating E-Learning Acceptance in Nepal:

A Case Study of a Tribhuvan University Affiliated College. *Journal of Business and Social Sciences Research*, 9(2), 139–156. https://nepjol.info/index.php/jbssr/article/view/72422?

Dahal, K. R., & Adhikari, D. R. (2021). Knowledge Management in Higher Education in Nepal: Challenges and Prospects. *Journal of Education and Research*, *11*(2), 45-56.

Dalkir, K. (2017). *Knowledge management in theory and practice*. MIT Press.

Deshpande, D. S., Bhosale, N., & Londhe, R. J. (2017). *Enhancing academic research with knowledge management principles*. IGI Global. https://doi.org/10.4018/978-1-5225-2489-2

Fullwood, R., Rowley, J., & Delbridge, R. (2013). Knowledge sharing amongst academics in UK universities. *Journal of Knowledge Management*, *17*(1), 123-136.

Fullwood, R., Rowley, J., & Delbridge, R. (2013). Knowledge sharing among academics in UK universities. *Journal of Knowledge Management*, *17*(1), 123-136.

Gautam, D. K. (2012). Knowledge management initiatives by faculties of Tribhuvan University of Nepal. *International Journal of Business Performance Management*, 13(2), 158–167. https://www.academia.edu/109767581/Knowledge_management_initiatives_by_faculties_of_Tribhuvan_University_of_Nepal

Independent Expert Group on the Universities and the 2030 Agenda. (2020). *Knowledge-driven actions: Transforming higher education for global sustainability*. UNESCO. https://doi.org/10.54675/YBTV1653/https://unesdoc.unesco.org/ark:/48223/pf0000380519

Jones-Esan, L. J., Nadda, V., & Albright, K. S. (2023). *Knowledge management and research innovation in global higher education institutions*. IGI Global. https://doi.org/10.4018/978-1-6684-3652-3

Laal, M. (2010). *Knowledge management in higher education*. Procedia Computer Science, *3*(WCIT-2010), 544-549. Elsevier. https://doi.org/10.1016/j.procs.2010.12.090

Nonaka, I., & Takeuchi, H. (1995). *The knowledge-creating company: How Japanese companies create the dynamics of innovation*. Oxford University Press.

Nonaka, I., & Takeuchi, H. (1995). The Knowledge-Creating Company: How Japanese Companies Create the Dynamics of Innovation. Oxford University Press.

Rowley, J. (2000). Is higher education ready for knowledge management? *International Journal of Educational Management*, *14*(7), 325-333.

Serban, A. M., & Luan, J. (2002). Overview of knowledge management. *New Directions for Institutional Research*, *2002*(113), 5-16.

Shrestha, M. (2019). Practices of Human Resource Management in Tribhuvan University. *International Journal of Social Sciences and Management*, 6(2), 40–46. https://www.nepjol.info/index.php/IJSSM/article/view/22595?

Thakur, A. K. (2019). Total Management: A Case Of Tribhuvan University. *Tribhuvan University Journal*, 29(1), 1–8. https://nepjol.info/index.php/TUJ/article/view/25665?

Tribhuvan University (2024). Annual Report on Research and Innovation, Office of Research Management, Kathmandu, Nepal.

Yeh, Y. M. (2005). The implementation of knowledge management system in Taiwan's

   higher education. *Journal of College Teaching & Learning (TLC)*, *2*(9), 35-42.

Pinto, M. (2014, June). *Knowledge management in higher education institutions: A*

   framework to improve collaboration. In *Proceedings of the 9th Iberian Conference on*
   Information Systems and Technologies (CISTI) (pp. 1-6). Barcelona, Spain. IEEE.
   https://doi.org/10.1109/CISTI.2014.6876876

Stylianou, V. (2015, October). *Knowledge management in higher education: A case study*

   using a stakeholder approach (Doctoral dissertation, Middlesex University). National
   Centre for Work Based Learning Partnerships. Retrieved from
   https://repository.mdx.ac.uk/download/6eadeba43e8bd35e1794c8bead5b325b3e1ee9
   863bfec89c6bb96a94f9fea941/4155507/VStylianouThesisEMBARGO.pdf

Document360. (2024, August 26). *Role of knowledge management in educational*

   institutions. Retrieved from https://document360.com/blog/knowledge-management-
   in-education/

Nonaka, I., & Takeuchi, H. (1995). *The knowledge-creating company: How Japanese*

   companies create the dynamics of innovation. Oxford University Press.

Rowley, J. (2000). Is higher education ready for knowledge management? *The*

   International Journal of Educational Management, *14*(7), 325-333.
   https://doi.org/10.1108/09513540010378978

Deshpande, D. S., Bhosale, N., & Londhe, R. J. (2017). *Enhancing academic research with*

   knowledge management principles. IGI Global. https://doi.org/10.4018/978-1-5225-
   2489-2

Fullwood, R., Rowley, J., & Delbridge, R. (2013). Knowledge sharing among academics in UK universities. *Journal of Knowledge Management*, *17*(1), 123-136. https://doi.org/10.1108/13673271311300831

Kidwell, J. J., Vander Linde, K. M., & Johnson, S. L. (2000). Applying corporate knowledge management practices in higher education. *Educause Quarterly*, *23*(4), 28-33. Retrieved from https://er.educause.edu/articles/2000/1/applying-corporate-knowledge-management-practices-in-higher-education

Stewart, T. A. (1997). *Intellectual capital: The new wealth of organizations*. Doubleday/Currency.

Ranjan, J., & Khalil, S. (2007). Application of knowledge management in management education: A conceptual framework. *Journal of Theoretical and Applied Information Technology*, *3*(3), 15-21. Retrieved from https://www.jatit.org/volumes/research-papers/Vol3No3/1Vol3No3.pdf

Cheng, M. Y., Ho, J. S., & Lau, P. M. (2009). Knowledge sharing in academic institutions: A study of multimedia university Malaysia. *Electronic Journal of Knowledge Management*, *7*(3), 313-324. Retrieved from https://www.ejkm.com/volume7/issue3

National Digital Library of India. (n.d.). *National Digital Library of India: One library all of India*. Retrieved from https://ndl.iitkgp.ac.in

Dalkir, K. (2017). *Knowledge management in theory and practice*. MIT Press.

Nonaka, I., Toyama, R., & Konno, N. (2000). SECI, Ba and leadership: A unified model of dynamic knowledge creation. *Long Range Planning*, *33*(1), 5-34. https://doi.org/10.1016/S0024-6301(99)00115-6