

Knowledge Management: Concepts, Methodologies, Tools, and Applications

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Section 1: Fundamental Concepts and Theories Sn Knowledge Management

This section serves as a foundation for this exhaustive reference tool by addressing crucial theories essential to the understanding of knowledge management. Research found in this section provides an excellent framework in which to position knowledge management within the field of information science and technology. Excellent insight into the critical incorporation of learning systems into global enterprises is offered, while basic, yet crucial stumbling blocks of information management are explored. With 43 chapters comprising this foundational section, the reader can learn and chose from a compendium of expert research on the elemental theories underscoring knowledge management discipline.

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This section includes a wide range of research pertaining to the social and organizational impact of knowledge management technologies around the world. Introductory chapters provide a comprehensive introduction of the modern-day knowledge organization while further research explores the difference in the community approach versus the process approach to knowledge management within two cultural paradigms. Also investigating a concern within the field of knowledge management is research which provides a study of the varying challenges when implementing knowledge management systems. The discussions presented in this section offer research into the integration of technology to allow access for all.

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Section 7: Critical Issues in **Knowledge Management**

This section contains 25 chapters addressing issues such as intellectual capital and knowledge management, communities of practice and critical social theory and ontology-supported web service composition. Within the chapters, the reader is presented with an in-depth analysis of the most current and relevant issues within this growing field of study while developing an excellent model for researchers and practitioners as attempts are made to simultaneously ease and expedite the transfer of knowledge from the private to the public sector. Forming frameworks in which to position the issues faced in this growing field are provided by research found in chapters that take the core psychological paradigms of sociology and translate them into applicable ideas within the exploding realm of information sharing. Crucial examinations serve to reinforce the ideas presented in this section -while simultaneously enticing and inspiring the reader to research further and participate in this increasingly pertinent debate.

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Section 8: Emerging Trends in Knowledge Management

This section highlights research potential within the field of knowledge management while exploring uncharted areas of study for the advancement of the discipline. Introducing this section is research that sets the stage for future research directions and topical suggestions for continued debate. Providing an alternative view of knowledge management are chapters that research the cultural dimension of knowledge management systems, particularly the relationship of learning and culture in knowledge management projects. The inevitable increase in complexity and quantity of the information that is available for students is also considered in this final section. Found in these 21 chapters concluding this exhaustive multi-volume set are areas of emerging trends and suggestions for future research within this rapidly expanding discipline.

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