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Grupo de Investigación IDEO (HUM 660) - Universidad de Jaén
Centro de Innovación y Transferencia Tecnológica de Campeche (CITTECAM) – México.

Portada:

Imagen creada a través de fuentes propias por el equipo de la Fundación Internacional Iberoamericana - FUNIBER

SUMARIO • SUMMARY • RESUMO

- Editorial6

- Complementariedad y articulación de las metodologías de planificación y gestión de proyectos7
Complementarity and articulation of planning and project management's methodologies
Santiago Brie. Fundación Universitaria Iberoamericana (Argentina)

- Metodología para desarrollar procesos óptimos de soldadura de materiales termoplásticos (EVA Y EVA/EVOH) usando el sistema de soldaduras de alta frecuencia (HF).....27
Methodology to develop optimal welding processes of thermoplastic materials (EVA AND EVA / EVOH) using the high frequency welding system (HF)
Kelvin Ruiz Santiago, Carlos Eduardo Uc Rios. Universidad Internacional Iberoamericana (México).

- Diseño de un modelo de gestión en la preparación y evaluación de proyectos.....51
Design of a management model in the preparation and evaluation of projects
Alex Latorre. Universidad Internacional Iberoamericana (Chile)

- El PMBOK y el análisis de valor en la construcción.....71
El PMBOK and value analysis in construction
Ricardo Cristóbal Vivanco. León Vivanco Construcciones (Ecuador)

- Importancia de la seguridad de la información en las empresas de tecnología de información corporativa87
Importance of information security in corporate information technology companies
Fernando Cassinda Quissanga, Roberto Fabiano Fernandes. Universidad Internacional Iberoamericano (México) / Universidade Federal de Santa Catarina (Brasil)

- Modelos de gestión de servicios de TIC em escuelas particulares em la ciudad de São Paulo..... 103
Models of management of ICT services in private schools in the city of São Paulo
Christian Serapiao. Universidad Internacional Iberoamericana (México)

Editorial



In continuation of the joint effort of our group of expert collaborators, we present this new issue of the Project Design & Management journal with the aim of consolidating it as a means of integral and collaborative expression capable of disseminating scientific work for all researchers at an international level. It is an undoubtedly ambitious project that highlights innovation in the management of new knowledge for the design of large quality projects. For all of us who have collaborated in the journal, it is of the utmost importance to present the different topics addressed in this issue, from the planning and management of projects to the methodologies applied to evaluate them, including management models and security in communication technology companies. Thus, how the first article discusses the knowledge about the basic structure of project methodologies to achieve a categorization that identifies their complementarity and interrelation. The paper's results determine that the methodologies of professional associations are much more complex and complete in the processes and instruments proposed for the implementation phases and that an interaction between them will allow us to identify their virtues and potentialities to achieve a comprehensive and superior professional practice.

The second article, on the other hand, proposes the design of a methodology for the development of optimal welding processes for specific thermoplastic materials, using the high frequency welding system. The results reveal that the methodology enables us to obtain the operational parameters of the thermoplastic welding process in a controlled, reliable, and predictable manner through a process in the production of quality products to remain competitive in a growing global market.

In keeping with the line of design, the third article presents a research aimed at creating a methodology for the development of a management model as a basic component in the preparation and evaluation of projects within the scope of the National Investment System of Chile. The results from the paper show that the evaluated methodologies do not take into consideration a module of information about the organization and presented in the operation, thus establishing the importance and usefulness of having an *ex ante* model for its implementation and *ex post* operation. In this way, by defining the contents, a methodology was obtained for the development of a model that allows the planning, monitoring and evaluation of an investment project.

The methodology used in the fourth article, corresponds to the analysis of the parameters that the PMBOK and the Value in Construction Analysis employ to improve and optimize the execution of projects. Being the PMBOK, it determines the standards that professionals must have when leading constructive projects, while the methodology of Value Analysis in Construction promotes improvement to materials and processes to create substantial savings and maintain optimal levels of quality. The results of the study reveal that the Value Analysis in Construction is a tool that should be applied by the PMBOK to optimize costs and times in the execution of projects, improving the processes that the PMBOK itself applies.

In the fifth article, the importance of proposing security measures to protect information in corporate IT companies is addressed. Through a bibliographic description and the proposal of a set of security measure suggestions for these companies, the proposed preventive, detection, and corrective measures must be involved in a security and contingency plan disseminated throughout the organization.

Lastly, the topic addressed in the last article of this issue refers to the lack of information on the applicability of standards or models for managing ICT services in Brazil. By implementing a survey on these management models practiced in private schools in the city of São Paulo, it was possible to understand the relationship between the supply of equipment, wireless networks and technological support services as understood to be of quality for the pedagogical professional in schools.

We cannot conclude this editorial without first thanking the Iberoamerican University Foundation (FUNIBER) and the Universities that have collaborated with the entire team of collaborators, both IT and technicians, for this new issue to be carried out under the vision of achieving international recognition.

Dr. Luis A. Dzul López

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