Analysis of the Concept of Sustainable Development based on Ranganathan's Fifth Law and its Application in the National Library

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Introduction

The various developments that the world has seen in recent centuries, have left many effects on the aspects of human life. These changes, including social, cultural and political, have a human origin (Deputy Promotion of the Ministry of Agricultural of Iran, 2002).

The library is considered a specialized and scientific institution due to its great importance in the dissemination of knowledge. Many thinkers and experts have worked in this field and presented theories, one of them is Shiyali Ramamrita Ranganathan.

Introduction

Ranganathan's Five Laws of Librarianship is one of the most enduring works in library and information science texts. These five principles are: 1. Books are for use. 2. Every reader his [or her] book. 3. Every book its reader. 4. Save the time of the reader. 5. The library is a growing organism (Illangarathne& Yingming, 2015).

The fifth principle is the fundamental principle and indicates that it should govern their planning, programing and organization.

Introduction

The above principles clearly express the philosophy that knowledge increases, people need knowledge and the function of the library is to provide this knowledge (Mukherjee, 2003).

The fifth law can be interpreted in connection with its effect on employees and their skills. Along with the growth of the library in terms of services, the skills needed to provide new services will also grow (Christ, 1987).

Introduction

The national library of any country is considered the mother library of that country, and in its most complete state, it is the mirror of the entire spiritual culture of that nation.

In terms of the importance of the national library in every society and the ever-increasing information needs of the society and the need to obtain useful information at the right time, it expresses.

The National Library is planning and guiding the flow of information in the country and is a reference and authoritative library for researchers inside and outside the country.

Introduction

In the more general definition of sustainable development as a process, it requires improvement and progress, a process that is the basis of improving the situation and eliminating socio-cultural deficiencies (Salami, 2016).

Experience has proven that human development is the foundation of other dimensions of development that in order to achieve these development goals such the quality of life, human development should be paid attention to.

The government has invested a lot in order to create a suitable environment for the cultivation of human resources. They have come to believe that educated people who have a dynamic and analytical mind are more successful in the face of social developments and changes.

problem statement

This research can solve some of the challenges of national libraries by using the fifth principle Library is a growing organism and can be effective in sustainable development. Since Ranganathan's fifth principle refers to planning, programing and organization.

Therefore, the current research aims to answer the following question: What is the main process of the national library as a growing organism in the development of human specialist resources and its governance in the country's libraries?

Solving problem

For this reason, the approved "Council of the National Library" has been named under the title of "The Council of Planning and Organizing the Country's Libraries".

Methodology

The current research is of a fundamental type and qualitative content analysis method in order to descriptively and analytically investigate sustainable development using Ranganathan's fifth law and its application in the National Library has done. In this research, according to the purpose of the research, the implementation process of sustainable development application has been designed using Ranganathan's fifth law " A Library growing organism" in the specialized tasks of providing, organizing, processing and informing.

Gathering information through the review of researches and analysis of relevant literature, and the integration of the conducted researches is the basis for presenting the findings and explaining the results.

The analysis of the information and knowledge collected from the content of the documents has been done in the form of explanatory and inferential interpretation.

Findings

In order to advance the goals of the national library and obtain local information and knowledge to gain national authority and a regional model and interact with the international community in the development of the country's libraries, the "Council of Planning and Organization of the Country's Libraries" based on the focal area and related strategic directions with the high-level documents, it organized the work of specialized groups and committees, the implementation process of which is shown as an example:

For Example:
Focal area and related strategic directions

Focal field:
organization and processing of information
Strategic path(s) related to the upstream documents of the country
The comprehensive document of the scientific map of the country: Paying attention to science and turning it into one of the main discourses of society and creating a favourable environment for the flourishing of science and technology based on Islamic teachings through the development and deepening and application of cultural, social and political components.

Executive track(s) associated with the council

Strengthening the presence of libraries in society
- Redefining the position of libraries in the development of the country's library affairs
- Recognizing the power of the library to society and its role in policymaking and leadership in development
- Increasing the amount of presence in the virtual space
- Strong presence in national and international conferences in the field of library science, information science and epistemology

Improving structures, processes and empowering human capital
- Preparing and publishing key resources in the field of information science, epistemology and library science
- Development of standards, guidelines and guidelines in order to improve professional performance
- Synergy with organizations, institutions and institutions in line with professional productivity
- Revision of the definition of related jobs in the labor market

Growth and development of the professional field in expanding the interactive network
- Holding new training courses to improve skills according to the needs of today's society
- Developing cooperation between professionals through virtual networks
- Recognizing the value of the profession in the expansion of national policies

Stabilizing the position of the planning and organizing council of the country's libraries
- Attracting public, public and private sector support
- Identifying competent professionals to lead specialized committees
- Recruiting volunteer members to work in specialized committees
- Introducing and representing the council at the national, regional and international levels

The National Library Planning and Organization Council has four executive committees that can be expanded as needed:

I.   Collection provision and management committee

II. Organization and information processing committee

III. Protection and maintenance committee

IV. providing services and using information and knowledge committee

Sample of special committee

The title of the committee	Organization and Information Processing Committee	
Purpose	- Planning and directing the organization of information and information resources in the country's libraries - Preparation and presentation of national programs in order to unify the organization of information and data of the country - Development of specialized standards for information organization at the national and international level - Studying and applying new frameworks and systems for processing and organizing information - Implementation of operational projects using artificial intelligence and semi-automatic methods in organizing information - Setting up and managing the data and information organization laboratory	
Chairman of the Committee		email
Secretary of the committee		email
Media coordinator Newsletter		email
Editor Media Newsletter		email
Main members		email
Volunteer members		email

Operational working groups

MARC working group
- Holding specialized meetings of the Iranian brand
- Introducing and promoting tools for working with the Iranian brand
- Guidance and consultation in the preparation of educational resources of Mark Iran
- Development and updating of the Iran brand

Metadata Working Group
- Holding specialized metadata meetings
- Introducing and promoting tools for working with metadata
- Guidance and consultation in the preparation of metadata educational resources
- Development of descriptive metadata standards
- Development of technical metadata standards
- Development of management metadata standards
- Development of legal metadata standards

Operational working groups

Data Quality Working Group

- Holding specialized data quality meetings
- Introducing and promoting data quality tools
- Guidance and consultation in measuring data quality
- Measuring the quality of metadata
- Development of operational data quality projects

Documentation Working Group

- Holding specialized documentation meetings
- Introducing and promoting documentation tools
- Documentation guidance and advice
- Feasibility and development of documentation database with the possibility of web service access
- Development and cooperation with international reference databases and databases
- Development of a common database of national documents
- Changed document formats for linked data

Operational working groups

Linked Data and Ontology Working Group
- Holding specialized meetings on linked data and ontology
- Introducing and promoting linked data and ontology tools
- Directing and consulting linked data and ontology
- Planning in organizing bibliographic data in a linked data framework
- Development of the government network information ontology framework
- Attracting national participation in the development of Persian Wikidata
- Development and localization of semantic web and linked data standards
- Development of thematic ontology models

Operational working groups

Working group of data science and artificial intelligence in information organization

- Holding specialized meetings of data science and artificial intelligence in organizing information
- Planning in the development of intelligent organization of information
- Development of intelligent extraction systems for descriptive metadata from texts
- Development of thematic analysis and intelligent indexing systems
- Development of intelligent image organization systems

Information retrieval systems working group

- Holding specialized meetings of information retrieval systems
- Development of Semantic Information Retrieval Search Engines
- Providing information in OPAC 2.0 format

Development of integrated information retrieval systems •

WBS (Work Breakdown Structure)

Budget required	Projects	Executive (individual)	follow-up and responsiveness (legal)	History (Start)	History (end)
The method of measuring the effectiveness of the output					

Specialized committees related to projects/activities:

Conclusion

Considering the important role of national libraries and archives in many governments, they are directly under the central government and indirectly, under the first institution of governance of a country as the information arm of the executive and legislature in decision-making, and in addition to the macro mission at the level.

In addition to governance, national libraries and archives play an important role in data governance and information management and knowledge management in the era of information and knowledge, and strategic plans and management based on digital transformation are being implemented.

Conclusion

- Then;

According to the fifth principle is the fundamental principle and indicates that it should govern their planning, programing and organization

- and also;

The National Library is planning and organizing the flow of information in the country and is a reference and authoritative library for researchers inside and outside the country.

- Educated people who have;

a dynamic and analytical mind are more successful in the face of social developments and changes.

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FINAL WORD

- So, the Council of Planning and Organization Countries' Libraries can help to be a libraries are growing organism for getting sustainability in information and knowledge dissemination for developing of fundamental duties of libraries.