

INTERDISCIPLINARY ASPECT OF MANAGEMENT RESEARCH -THE BORDERLESS COLLABORATION

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ABSTRACT

Interdisciplinary means the integration of concepts across different disciplines. This synthesis results into the development of new interesting disciplines. E.g. Quantum information processing, bioinformatics, cybernetics, systems theory etc. It is always seen in case of defining the management as “it a branch of economics which is the blend of an art as well as science.” It is observed that all the disciplines are embedded in each other’s and for study sec they were divided in to the different branches as such. But in due coeerce of time people forget specially the academicians that the segmentation of the disciplines were just for the sec of study and knowledge; the application of this knowledge is oriented towards the holistic development of the human society there is no limitation of discipline. The thought of interdisciplinary approach is emerging because of the utility of the knowledge of on stream in to the other. We can easily accept the cyber law or biotechnology. The management discipline deals with managing irrespective of the discipline the management function is an integral and essential function of the human society. This article is an effort to elaborate the expanding horizons of Management philosophy.

Key Words: Division of knowledge, discipline, academic divisions, multidimensional

INTRODUCTION:

While discussing the interdisciplinary aspect; it is relevant to know what is meant by the discipline. Discipline is defined by the *Oxford English Dictionary* as "a branch of learning or scholarly instruction." Fields of study as defined by academic discipline provide the framework for a student's program of college or post baccalaureate study, and as such, define the academic world inhabited by scholars.

Janice Beyer and Thomas Lodahl have described disciplinary fields as providing the structure of knowledge in which faculty members are trained and socialized; carry out tasks of teaching, research, and administration; and produce research and educational output. Disciplinary worlds are considered separate and distinct cultures that exert varying influence on scholarly behaviors as well as on the structure of higher education.

OBJECTIVE of the paper is to know and understand the interdisciplinary aspect of management.

METHODOLOGY:

Explanatory research method is adapted for the present study

Hypothesis for the present study is "the integration of the two disciplines results into creation of a new discipline which is more application oriented than the single pure discipline."

The disciplinary separation of the academic knowledge begins from the school and it goes wide in the higher education. The disciplinary division of knowledge is done basically for the following three reasons;

1. Codification
2. Paradigm development.
3. Consensus.

In the above context it is important to take the consideration the well known model that is "The Biglan Model."

Anthony Biglan derived his taxonomy of academic disciplines based on the responses of faculty from a large, public university and a private liberal arts college regarding their perceptions of the similarity of subject matter areas. His taxonomy identified three dimensions to academic disciplines: (1) the degree to which a paradigm exists (paradigmatic or pre-paradigmatic, alternatively referred to hard versus soft disciplines); (2) the extent to which the subject matter is practically applied (pure versus applied); and (3) involvement with living or organic matter (life versus nonlife systems).

The natural and physical sciences are considered to possess more clearly delineated paradigms and are in the "hard" category. Those having less-developed paradigms and low consensus on knowledge bases and modes of inquiry (e.g., the social sciences and humanities) are considered "soft." Applied fields tend to be concerned with application of knowledge, such as law, education, and engineering. Pure fields are those that are viewed as less concerned with practical application, such as mathematics, history, and philosophy.

Life systems include such fields as biology and agriculture, while languages and mathematics exemplify nonlife disciplines. Subsequent work by Biglan substantiated systematic differences in the behavioural patterns of faculty with respect to social connectedness; commitment to their teaching, research, and service roles; and publication output.

The division of the knowledge on the disciplines was basically done for the purpose of convenience and for in-depth study of the subject or branch. But in due course of time people overlooked the basic reason and developed a myopic vision about the disciplinary studies. They created the impenetrable divisions of the streams this has hampered the development of the branch and subject in the multiple directions and gave a narrow vision to the pupils.

Management is an artistic science and emerged from economics. Its origin speaks about the involvement of more than one discipline and personification of new way of application of the existing knowledge. Management science itself is multidisciplinary in nature and can embrace many new and old disciplines. The interdisciplinary as an approach is new for the academicians but it is existence from the development of a human being as a complex civilisation from a sheer mammal.

The basic aim of any knowledge is to nurture the mankind then it is might be the simple farming work or a complex computer programming; it is oriented towards the completion of the need of the man.

The wheel of time is rotating and cyclically need and knowledge base are exposed to the paradigm shifts. The emergence of biotechnology and is the epitome of the applicability of two streams in fulfilment of the need of human race. We humans are facing the food crises because of the change in environmental conditions; the ray of hope is created by the integration of the two branches of knowledge that is biology and engineering.

Even the energy crises can be overcome by the biodiesels, which is the chemistry and biology integration. This change is suggesting for the change in the engines used in the automobiles and hybrid vehicles are running on the road successfully. In the markets of USA and Brazil the maximum cars they run on biodiesels.

The human genome decoration is helping the medical field to diagnose and prevent people from diseases. It even can help to know what disorders and diseases the person is likely to face and can take care of before something happens. It is proved helpful in preventing the critical diseases like heart trouble and diabetes.

These days' companies are calculating the Emotional Quotient rather just talking about the Intelligent Quotient. The intelligence need to be backed by the emotions. Management experts are even studying the terrorism to understand what exactly motivates them and how this epitome of the dedication can be achieved by their leaders. If this can be understood by the companies, the management of the sales force can see the dramatic change. The psychology and marketing research integration gave birth to the branch called as consumer behaviour and management intelligence system.

The civics and marketing blend developed a new paradigm to the management in terms of CRM. From law the management adapted the case study method which is helping the managers in decision making. Improvement in production and nano technology has changed the markets and lifestyle of the consumers. The sixth sense and artificial intelligence has change the complex computing to the simple language of gestures. The radiology and isotopes are used in curing cancers. The use of X - ray is very frequent in the field of medicine.

The personnel management has changed into the human resource management and now even can change to the wellness management which will function for the complete development of the human resource. They are even integrating the meditation and power yoga to create the best human resource.

The use of computer has changed the dimensions of business. It is applicable in all the fields of management. Pace of work has changed stunningly. The communication becomes so simple and fast; that helped the companies to add value to their customers.

Diffusion of knowledge and technology demands for continuous improvement as it become obsolete at very fast rate. The oracles from management have understood that before it is too late they must apply the borderless collaboration and allow the integration of all the fields.

CONCLUSION:

Any knowledge or discipline is aimed to offer the content to the human life. Improvement and integrations of the disciplines happened to improve the offerings and add value to human lives. All the disciplines are aimed for the betterment of the humanity. All the roads are walking towards the common goal that is the true happiness of the mankind. Management is living and continuously growing field of knowledge application which embrace and exclude many disciplines and branches for the ultimate purpose of satisfaction of the human needs. Management as a discipline has seen the various approaches complementary to the time bound aspects and objectives. Now it is time to expand the horizons of disciplines to go beyond the borders of conventional branches of management research.

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