

Short Communication

Nutrition Information Networks: Possible domain and Future Potentials

Prantosh Kr. Paul

FBAS, Bengal Engineering & Science University, AK Seal Hall Shibpur, Howrah-711103 West Bengal, India

***Corresponding author**

Prantosh Kr. Paul

Email: prantoshkpaul@gmail.com

Abstract: Nutrition Information Networks [NIN] is a possible integration of various Information Foundations responsible collection, selection, organization, processing, management and dissemination of Information in the field of Nutrition Science and Food Processing and allied domain. Nutrition Information Networks [NIN] is actively a new term in the field of Interdisciplinary Information Science. Nutrition Information Networks [NIN] is a kind of digital repositories dedicated to containing information on various institutional gradients and facet. Virtually, Nutrition Information Networks [NIN] is responsible for making consortium related with several information centre and provides various nutrition related information. As nutrition is one of the important aspects and name for human being; so importance of Nutrition Information Networks [NIN] is very much healthy. This paper is talks about nutrition related information foundations; especially Nutrition Information Networks [NIN]; its challenges and issue and obviously is potential to the common man and professional in the field of Nutrition Science.

Keywords: Nutrition, Nutrition Science, Information Science, Information Technology, Nutrition Information Networks [NIN], Nutrition Information Systems, Food and Agriculture, Food IT, Information Systems and Community

INTRODUCTION

A model Nutrition Information Networks [NIN] is helpful tool and established for disseminating and collecting information, document and knowledge dealings on various aspects and domain of Food Science like- Nutrition, Food Selection and preparation, meal planning, disorder of manipulation, nutrients and energy and so on. Nutrition Information Networks [NIN] is new and uncommon in the field of information foundation. Actually, we are very much accustom with some other foundation such as Information Centre, Data Centre, Information Systems in the field of Food and Nutrition [01, 03, 21] [1, 2, 3]. Virtually, Nutrition Information Networks [NIN] is big Information Foundation in the field of Nutrition related Information Foundation. Nutrition Information Networks [NIN] is a type of Information Grid responsible for Nutritional Information Activities; like information processing and management. In Nutrition Information Networks [NIN], various people which includes general people, professional, academician may gather in a style depending upon their need. As it is a combination of some Information Centre and Information Systems in the field of Nutrition. Thus, its activities are more or less similar to Nutrition Information Systems or NIC. Nutrition Information Networks [NIN] is needed for building healthy society which is powered by good Nutrition and health benefits [4, 7, 22] [4-6].

Objectives

The main aim and objective of this study is includes, but not limited to as follows:-

- To learn about Nutrition Information Foundation which includes Nutrition

Information Centre, Nutrition Information System, Nutrition Information Networks [NIN];

- To find out possible and healthy role of Nutrition Information Networks [NIN] in contemporary age;
- To find out main tools and stakeholder in the field of Nutrition Information Networks [NIN] and Systems;
- To find out composition and combination of Information Networks related to Nutritional Sciences;
- To find out and mention main challenges and issues related to Nutrition Information Systems and centre includes NIS, NIC, NIN;
- To prepare some solution depending upon current problems.

Nutrition Information Centre, Information Systems: Basics and Operation

Information Centre is an institutes or establishment responsible for the Information Collection, Selection, organization, processing, management and dissemination. Information Centre; depending upon location may be classified as International, National, State Level and Regional Level [23] [7]. Apart from this, Nutrition Information Centre may also classify based on subject. The information centre when works for a special dedicated subjects then the Information Centre is called 'Subject Information Centre'. Information Centre which collects process and manage information in the field of Nutrition Science, Agriculture, Food Processing, Food Technology is

called as Nutrition Information Centre. Combination of some Nutrition Information Centre is called Nutrition Information Systems. And combination of some Nutrition Information Systems is called Nutrition Information Networks [NIN]. Nutrition Information Networks [NIN] is actually for common people dealing; where people get information on various nutrition aspects such as adequate, optimum and good nutrition, nutrition stages, diet control, nutritional care, malnutrition and preparation for sophisticated nutrition and so on. Virtually, a Nutrition Information Networks

[NIN] is able to build better cooperation and services among the Nutrition Information Systems and based on that, Nutrition Information System communicate with Nutrition Information Centre and common people get the benefit of malnutrition information centre[08, 09, 23] [7-9].

Through, such Nutrition Information Foundation, people can get food and their nutritional benefits; way to getting food and nutrition and so on.

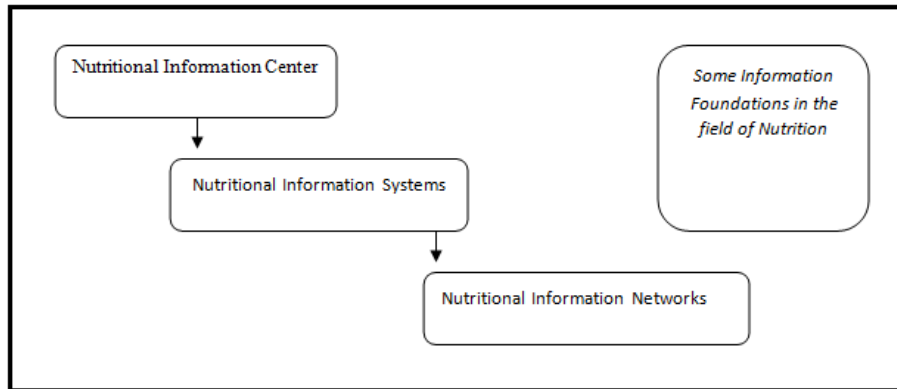


Fig. 1: From smaller system to development of NIN- Step wise

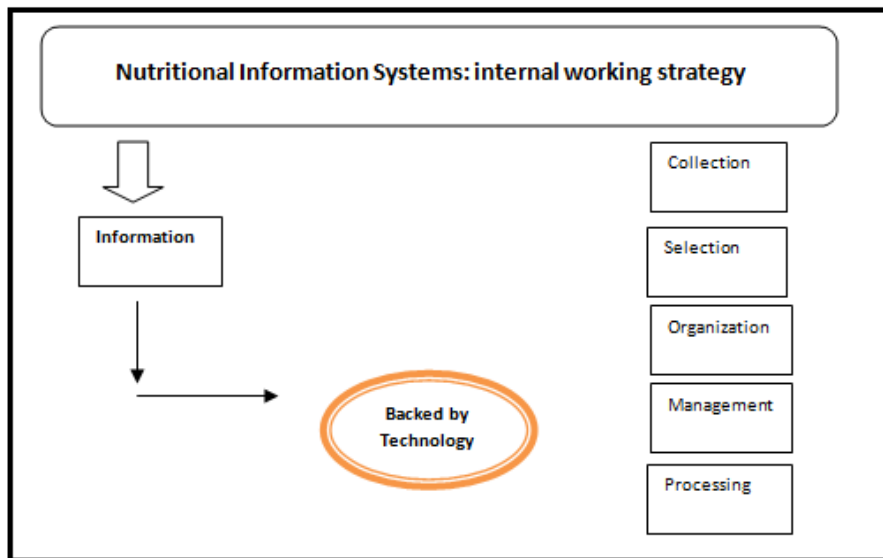


Fig. 2: The main preliminary activities of NIN

Nutrition Information Networks [NIN] and Technological Background

Nutrition Information Networks [NIN] is a kind of Foundation deals with several Information activities such as collection, selection, organization, processing and management is done with Digital Technologies. Virtually, Nutrition Information Networks [NIN] are combination of some entities such as tools and technologies, Information and Knowledge, Workers and Developers, Users.

As Nutrition Information Networks [NIN] is a Grid, thus it needs to communicate with Information System and this is possible with Electronics Communication. So, Nutrition Information Networks [NIN] uses some Computing Technologies; which include Database Technologies, Multimedia Systems, Networking and Communication Technologies. Designing and Development of Information System is also most urgent requirement.

For any Information Networks, Data and Information is very much important; with out this it is not possible

to offer Nutritional Information. So, building Nutrition Information Networks [NIN] depends on knowledge and content on Nutrition Field and Allied Domain.

For any organization established, workers are common; with out them it is not possible to build Nutrition Information Networks [NIN] too. Database Manager, Networking Technologies, Computing Professionals are common to build healthy Nutrition Information Networks [NIN].

Another Important component of Nutrition Information Networks [NIN] is user with out them it is not possible s successful Nutrition Information Networks [NIN]. A Nutrition Information Networks [NIN] is deals with Nutritional Information for the people and this dedicated and possible user are also important. The user includes common people, academics, Research, Students in the field of Nutrition and Allied domain and every one who seek information on Nutrition and allied domain [05, 09, 12, 22, 23] [6, 7, 9, 10, 11].

Nutrition Information Networks [NIN]: Possibilities:

Nutrition Information Networks [NIN] are basically responsible for following activities:-

- Through Nutrition Information Networks [NIN] people can get information related to food and nutrition; where one can get information on particular vegetable, food, corn and prepared item based on knowledge of Food and Nutritional benefits;
- Through Nutrition Information Networks [NIN], common mass can also aware about Nutrition and treatment depending upon age, gender and other criteria;

- It is possible to disseminate information about medicinal benefits of various items such as food, vegetable, corn, fruits and so on;
- Any person even a child or old aged can get information on nutritional aspects from self run touch screen based Nutrition Kiosk;
- It helps to promote health system of particular territory or state or Nation;
- It promote the health and medicinal information systems and infrastructure of a state or territory;
- It promotes also promotes and develop Public health and Hygienic development;
- Medical Professionals, Nutritional experts, dietician may avail the opportunities to learn Nutrition Information Networks [NIN] and Nutrition Information Systems;
- General Information Seeker may also aware about several health aspects and may get benefit depending upon need [7].

Nutrition Information Networks [NIN]: Challenges and Issues

- Building and designing of Information Architecture regarding Nutritional Information is very much tough, because it needs proper Information Management applications;
- Building complementary Nutrition Information Networks [NIN] is depends of several technologies; thus building technologies depending upon user’ need also tough. Designing HCI based interface is also need to take care on user’s perception;

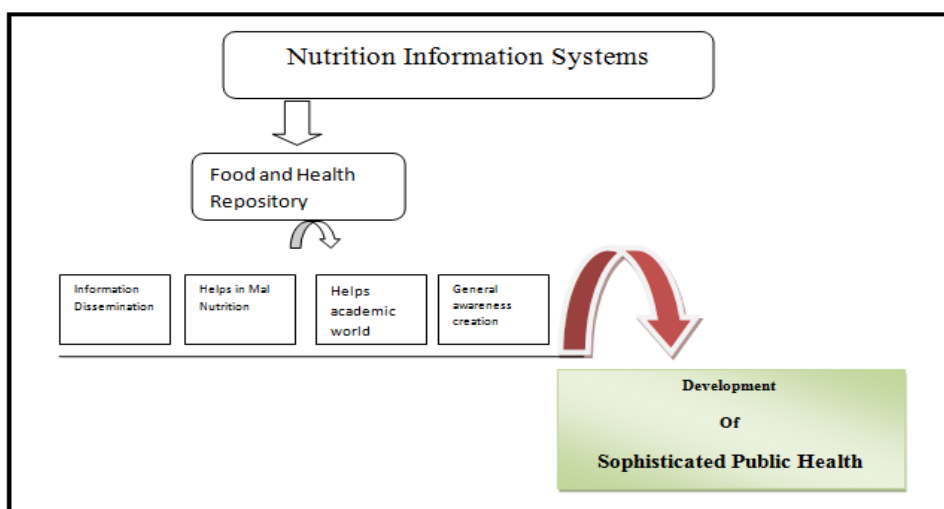


Fig. 3: The ultimate role of NIN and similar foundation

- People still not very well aware about Nutritional Information Networks; thus it creates awareness to the people regarding

benefits of Nutrition Information Networks [NIN] is an important challenges;

- Building any establishment depends on Money and Nutrition Information Networks [NIN] is growing organism; thus proper fund and finance is also essential to take care;
- Apart from UG, in PG programme of Nutrition Science still Nutrition Information Networks [NIN] gradients are not included; thus ready and available skilled manpower is an important issue;
- Connection with Information Systems and Information Systems with Information Centre is tough enough; as it all time need to take care under proper supervision;
- Unwillingness to change, regarding uses of Nutrition Information Networks [NIN] and implementation of Nutrition Information Networks [NIN] and similar foundation is an important challenges;
- Keeping up gradation of Information Networks and Information Centre deals with Nutrition is still tough enough [6, 11].

Suggestion

- Through advertisement, handbill circulation it is possible to make awareness about Nutrition Information Systems and thus in future it may be helpful for healthy Public healthy development;
- Government need to take care about establishment of food related information systems building which includes Food Information Centre, Food Information Systems, Nutrition Information Networks [NIN] and related infrastructure;
- It is essential to upgrade Food/ Nutrition Science enriched curricullam; where IT or Information Systems need to include for future potentials [7, 12].

CONCLUSION

Information is one of the important aspects in all most all fields. It is related as money, wealth and valuable content for all most all organization. Nutrition Information Networks [NIN] is one of the important name in today's age. Though; Building, development, designing and continuous running or nutritional Information Systems and Networks need to meet several challenges and issues. Thus it is very much essential to keep such challenges carefully for build an important society with better health Information and ultimately better public health and nutrition systems. As like Nutrition Information Networks [NIN], though Nutrition Rehabilittee Centre- it is possible to develop complete and healthy society.

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