

## **CFTRI- KNOWLEDGE HUB: THE WONDERFUL INFORMATION AND KNOWLEDGE RESOURCE CENTER OF FOOD AND NUTRITION SCIENCE IN INDIA**

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### **ABSTRACT**

*CFTRI or Central Food Technological Research Institute is one of the premier Research and Development unit in India; engaged in Food Science and Technology research and training. It is considered as oldest institution in this interdisciplinary field thus researcher and scientist throughout the nation have good connection in terms of Research and development. Information and resource center of CFTRI is considered as vital agency for Information dissemination in this field. The paper describe various aspect of CFTRI Information and library Systems including SWOT Analysis in brief manner.*

**Keywords:** Food Technology, Food Science, Information And Resources, Documentation, Knowledge Hub, Information Science.

### **INTRODUCTION**

Established at Mysore, Karnataka during 1950's treated as one of the important center funded and managed by CSIR as research laboratory. CFTRI is actively engaged in Food Science and related domain including Agriculture, Nutrition and dietetics, Health Science and so on. Virtually the library and information unit of CFTRI is fully governed by latest information management principle and mechanism with wonderful information collection, selection and dissemination system. The term of Information and knowledge resources center at CFTRI fully equipped with latest documentation tools and sources like Current Awareness Services, Document Delivery Services, National and International Database search services in all working days. One of the important services offered by CFTRI is Food Science and Technology Abstract to the researcher of Food and Nutrition. It has global connections with several database related with several research and development unit of CSIR with broadband facility. Apart from English books this information hub is also a great place Hindi lover in this domain. The center is well planned and designed in terms of healthy information infrastructure as far as Food and Nutrition Science is concerned.

### **OBJECTIVE**

The main aim and objective of this study is includes:

- To know about Food Science and Technology and CFTRI, Mysore;
- To learn about Information services offered by CFTRI Information unit;
- To know about the strength of Information of CFTRI, Mysore;
- To learn about the database service offered at CFTRI-Mysore;
- To learn about the total collection of the institution.

## CFTRI: An Overview

CFTRI Established in the year of 1950's as central organization under the aegis of CSIR, New Delhi. The depth and dedicated researcher of the country in this field are offered great service by CFTRI. As food science and technology is an important area of knowledge thus it is very much important to develop is discipline with strong foundation virtually the role of CFTRI is much higher than only training and research activity ; it is also provide awareness about food and nutrition among the leading food science organization with other renowned institution; around the world. Partnership with industries and agencies in this field is also an important activity of CFTRI.

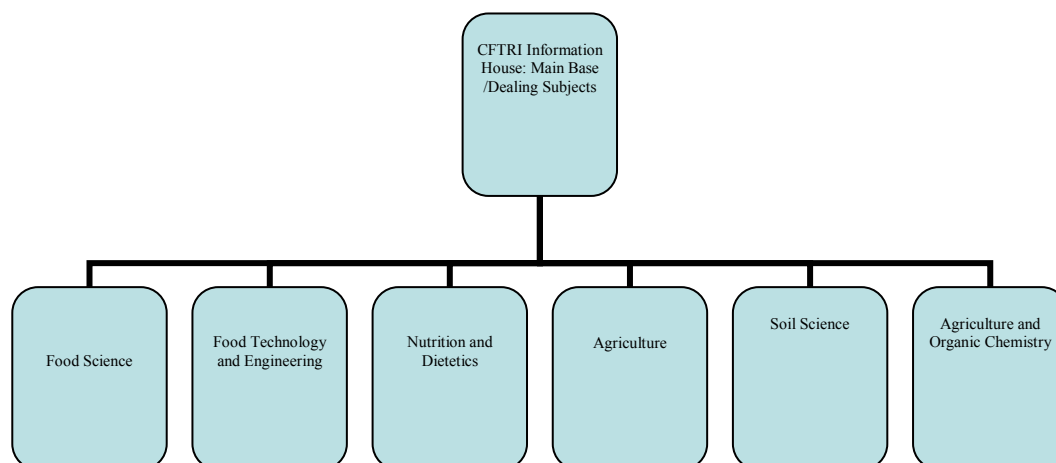


Fig 1. Shows the beneficiary group of CFTRI Information Hub

## CFTRI: Resource Center: An Overview

As CFTRI is a model organization for scientific and industrial research and a path setter in the new paradigm of self financed R/D in the country, thus it has wide range of information and resource collection in its information and resource collection in its information and resource center. Managed by a group of Information Scientist, CFTRI Library and National Information Center for Food Science and Technology[NICFOS] offer so many resources to its client which includes:-

- Reading Room Services;
- E-Books Services;
- Current Periodicals;

- Indian Standards;
- CD ROM Services;
- Bound volume of periodicals;
- Digitalized Theses ;
- Leading database service and so on.

## Services Offered

CFTRI Information hub is open all weekdays and weekend. Normally everyday open from 8.30 AM o 8.00 PM and during weekend from 9.00 AM to 5.00 PM. Among several services offered by CFTRI Resource center; some are as follows:-

- Database Search Service;
- Document Delivery Services;
- Publication Services;
- E Mail Based content page services;
- CFTRI Research paper abstract;
- Current Awareness Services;
- IFIS Input Center;
- Patent Service and so on.

Researchers and students of CFTRI are eligible to avail these services. However researcher around the world and Indian still may get benefit from online services offered by CFTRI Knowledge resource services.

## General Services

As like other information and knowledge resource center CFTRI Information unit is also offers some basic services like-

- Reading Room Services;
- Lending services;
- Document Delivery Services;
- Theses and dissertation services;
- Current Awareness Services;
- Indexing services;
- Abstracting Services;
- E Mail and internet services;
- Mylibnet services.

The information hub is open 365 days in a year through offline ad online basis.

## Modern Electronic Services

Apart from general services which are mentioned earlier, CFTRI Offers so many modern services like-

- Database search service, this is a major international and national database service. By this some other services are also gains popularity like Food Science and Technology Abstract, Chemical Abstract, Journal Citation Abstract, Indian Citation Report, National Union Catalogue of Scientific Serials in India service and others;
- Internet and e mail service are also an important service offered by CFTRI; though this various services are basically carried out like- Document Delivery services and other;
- The CFTRI also provide free full articles an order for R/D purposes. The center is also engaged in online and digitalized documentation services. CFTRI mainly offers published research papers on Food Science[published by CFTRI Staff] through CD ROM Service;
- E mail based content page service is another service offered by CFTRI; by this the Food Science and Technology lover can gain the literature benefit from Mylibnet. CFTRI is also attacked with MCLH [ Mysore city Science and Technology library holdings] thus more than 500 entries may be accessed by the user;
- Apart from these, CFTRI is also responsible for Food Science database preparation, Indian food patent database and so on

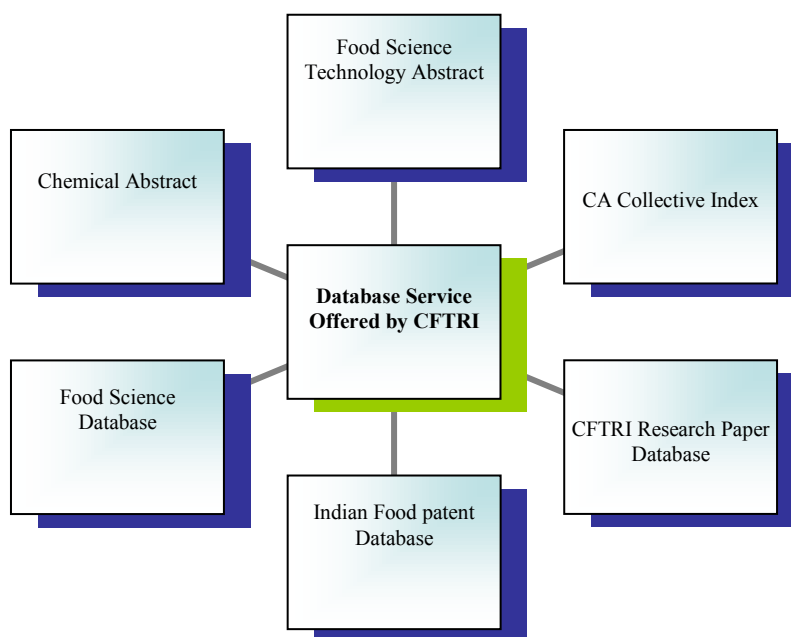


Fig 2. Shows some services offered by CFTRI Information Service unit

**Potential to Other Food and Nutrition Expert In India**

Apart from staff, researcher, scientist of CFTRI, this is also a premier institution for other food and nutrition research and student in India and abroad. CFTRI is also responsible for make aware about Indian food science and technology research through the International Food Information Service [IFIS]. The IFIS contain abstract of major Indian food related articles and journals; thus the main aim and objective many ways fulfills by CFTRI. Apart from these services, it is also published food technology abstract, food digest and food patent thus it is a great pool for Indian food and nutrition expert.

The catalogue is accessible by other food science professionals by Mylibnet connection. Virtually it helps in development of food science and technology.

The following services/documents are containing in CFTRI Information unit:

**Table 1.** Showing the total number of resources at CFTRI Information hub

Sl no.	Items	Total Number
1	Books	27189
2	E Books	373
3	Hindi Books	1507
4	Bound Volume of periodicals	43193
5	Current Periodicals	260
6	Indian standard/specification	12187
7	Patent specification	83633
8	Theses / Dissertation/investigation	2322
9	Investigation reports	2092
10	Annual Report	2092
11	CD ROM	537

**FINDINGS**

- CFTRI is most recognized and reputed food and nutrition information center in the country;
- Has wider significance in food science and technology abstract, food science database preparation and so on;
- With near about 3000 collection on food technology books, 80000+ patent specification and so on.

**SUGGESTION**

- It is better to connect with other Food and Allied Science organization for further development of the organization;
- Provide interdisciplinary research opportunities in Food and Allied area;
- Try to index and abstract the periodicals in this field to other popular international database;

- Provide training, user education in this field to the new comers.

## CONCLUSION

Food Science and Technology expert are the great and reliable agent for public health and nutrition development. Thus Information center in this field is important for overall development of food and allied area. The number of increasing collection and resources in this field no doubt gain the overall situation of food science and technology. The present scenario in the country is very vibrant with rising capital investment in food industry, thus more sufficient and eco friendly technology development is very much essential. So here CFTRI information unit is giving their best for overall development of Food Science and Engineering.

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