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**Title: “A Study of Selected CSIR Laboratories Libraries, their Growth and Development”**

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## **Summary**

Technology has an immense capacity to improve the public services and the quality of life of the people. Thus scientific research and development activities in CSIR have to be directed towards technological development and application that maximize the overall benefits for India.

## **Aims & Objectives**

1. To know some selective libraries of CSIR Laboratories and its recent development and services
2. To know the role of CSIR Laboratories and its libraries in industrial development of India
3. To study Industrial libraries through their resources and services
4. This project may help the MLISc student for study of Industrial Information System being an elective subject
5. To know about the Industrial libraries and its users
6. This project can also help the students/ users of Biological Sciences as it is related to the libraries of CSIR Laboratories under Biological Sciences group.

**Scope** -Role of libraries in academic institutions is well known. But due to the growth of science and technology and its applicability in industries, explain the need of library in industries.

- There are 37 CSIR laboratories & 39 field stations spread all over India which deals with R &D work under different categories as Physical Sciences, Chemical Sciences, Biological Sciences, Engineering Sciences and Information Sciences.
- The scope of this project is restricted to the libraries of CSIR laboratories under Biological Sciences group. So this includes 11 CSIR laboratories under biological sciences as this is my area of interest. Also the website of Centre for Biochemical Technology (CBT), New Delhi is not available on the internet.
- As this is a web based project, study is limited to the data available through internet only.

CSIR was established in 1942, and today it is the premier institution for scientific and industrial research. There are 39 CSIR laboratories two cooperative industrial research institutions and more than 100 extension and field centres, spread all over India which deals with R & D work under different categories as Physical Sciences, Chemical Sciences, Biological Sciences, Engineering Sciences and Information Sciences. Out of five groups of CSIR laboratories, the scope of this project is restricted to the libraries of CSIR laboratories under Biological Sciences. In order to collect latest and updated information the website of each of these industrial libraries are studied with the help of internet. The approach of statistical methodology is used for proper data interpretation and analysis purpose.

The libraries of these institutes have been providing library and information support to scientists for R & D pursuits. This study is carried out with the detailed information available on net and studied 11 specialized libraries of Biological Sciences Laboratories of CSIR are as follows. 1. Central Drug Institute, Lucknow. 2. Central Food Technological Research Institute, Mysore 3. Central Institute for Medicinal and Aromatic Plants, Lucknow. 4. Centre for Biochemical Technology, New Delhi, 5. Centre for Cellular & Molecular Biology, Hyderabad. 6. National Botanical Research Institute, Lucknow, 7. Indian Institute of Chemical Biology, Kolkata, 8. Industrial Toxicology Research Centre, Lucknow, 9. Institute of Microbial Technology, Chandigarh, 10. Regional Research Laboratory, Jammu, 11. Institute of Himalayan Bioresource Technology, Palampur. To provide the complete information of industrial libraries, it is studied in the terms of their collection, services and other related information is also taken in to consideration from their role in disseminating information. This project covers two major areas, one is the study of resources of libraries and second is the study of services offered by libraries. Data collected from websites has been tabulated and interpreted.

All libraries are managed by professionally qualified library officers and other supporting staff.

The collection of the libraries are related to subject of R&D of that laboratories. The collection of most of the libraries includes books, periodicals, journals, bound volumes of periodicals, CD-ROM databases, their publications, annual reports and newsletters. Book collection of IITR, Lucknow is highest and CFTRI, Mysore and NBRI, Lucknow is nearer to it. The collection of Journals is highest with CFTRI, Mysore. The collection of Periodicals and Bound Volumes is found

highest with CDRI, Lucknow. Most of the libraries render common routine services. The maximum number of specialized services are offered by CFTRI, Mysore. CIMAP, Lucknow; CCMB, Hyderabad and IMT, Chandigarh websites do not have library data. The websites for Center for Biochemical Technology (CBT), New Delhi and Regional Research Laboratory (RRL), Jammu are not accessible.

The objective of the project is to study the Industrial libraries through their resources and services and to know the role of CSIR Laboratories and its libraries in industrial development of India has been fulfilled.