Information Products and Services

- Contents, Abstracts and Photocopy Service (CAPS)
- Indian Patent Database (INPAT)
- Bibliometric Services
- Information Retrieval Services
- Translation Services
- Document Procurement and Supply
Over the years, erstwhile INSDOC (now NISCAIR) has evolved several information products and services to suit the S&T information requirements of researchers and scientists in the country. These innovative products and services aim at providing packaged S&T information catering to the specific needs of individuals, institutions and corporate bodies.

Contents, Abstracts and Photocopy Service (CAPS)
The main objective of CAPS is to fill the gap created by sharp decline in the availability of foreign periodicals to Indian S&T community. This service is of great help to the scientists who do not have access to foreign periodicals. On an yearly subscription, one can get contents of journals (15 for individual subscribers and 30 for institutional subscribers) (12 monthly dispatches) of one’s choice from about 4500 Indian and foreign periodicals pertaining to different disciplines on paper, diskette or through e-mail. On browsing the contents, one can place order for abstracts and/or photocopies of full articles.

During the year, 55 new subscriptions were registered. Contents pages of 14612 issues from 1300 journals were supplied to 51 subscribers in print form and to eight subscribers through e-mail.

Indian Patent Database (INPAT)
INPAT is a bibliographic database, which provides information on 52,624 patents granted in India during 1975-2002. The information on a patent in the database comprises: patent title, applicant(s) name(s), inventor(s) name(s), patent number, application number, application date, publication date, international classification code, and country.

The database can be searched by various parameters and any combination of the above parameters.

Bibliometric Services
The Bibliometric Services Division is engaged in carrying out bibliometric analysis of the research papers of individual scientists, institutions and nominees of various awards.

During the year, the division completed citation analysis of 6,000 papers of 260 scientists. In addition, it has also undertaken a number of Journal Citation Report (JCR) searches for obtaining the impact factor (IF) of journals. During the year, the project on impact analysis of research papers of 264 Bhatnagar awardees was completed and the report was submitted to CSIR. In addition H-index of 264 awardees was calculated to analyse the impact of the Bhatnagar awardees works. The division has also brought out CSIR Research Output (a bibliometric analysis) for 2005.
Information Retrieval Services

Before starting any research work, scientists are interested to know the research already done in their area of interest to avoid duplication of research. NISCAIR helps by providing a list of research papers in the scientists’ field of interest during a specified period. The list is prepared by searching international online and CD-ROM databases, indigenous databases, e.g. Medicinal & Aromatic Plants Abstracts (MAPA), Internet and full text journals. NISCAIR has online access to a large number of international databases available with DIALOG and STN International, etc. MAPA, an in-house database, is being extensively used by researchers, technologists, herbal drug and essential oil companies and traders, Ayurvedic institutions/practitioners, farmers and others.

The databases are searched and comprehensive bibliographies are provided on any topic requested by the client from any discipline of science and technology, including patents, standards, technical reports, conference proceedings, business and market information of products. Derwent world patent database is the major database in the field of patents. Scientists or institutions frequently use it for checking the novelty of patents before filing. The academic, scientific, business and industry communities are extensively using the database facility at NISCAIR.

During the year, preliminary searches were carried out and the availability of information in terms of references in databases was informed to 146 customers. Two hundred and twenty five (225) orders registered from academic, scientific, business and industry communities were executed.

Translation Service

NISCAIR provides translation of S&T documents from Japanese language to English, on request.

Document Procurement and Supply

To meet the requirements of researchers and scientists in the country, document copy supply service is being offered since the inception of erstwhile INSDOC in 1952. NISCAIR provides this service from its own collection of about five thousand periodicals. In addition, the institute taps the resources of a number of S&T libraries in the country by knowing the availability of a given document from its database of National Union Catalogue of Scientific Serials in India (NUCSSI). The NUCSSI database has information on 44,838 titles pertaining to 480 libraries (January 1993–July 2001). Some of the most important S&T libraries in and around Delhi region providing considerable percentage of total document copy supply are the Indian Agricultural Research Institute (IARI) Library, National Medical Library (NML) and the Delhi University Library (DUL). Besides, the resources of other libraries and information centres, such as IITs and IISc, are also tapped. If any document is not available within the country, NISCAIR has alliances with libraries abroad, and it procures the desired document from foreign sources.

During this year, for supplying document, 2750 orders were registered and 1590 executed.

Orders executed for different services

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