

## **INFORMATICS**

The Informatics Center of the Academy encompasses Library and Computer Centre. The library of the Academy primarily serves the Fellows of the Academy, interested scientists and enrolled members. It renders reference service whenever required and extends facilities for consultation. At present it is receiving more than 500 scientific and technical journals and has collection of about 16,500 books covering Science and Technology, History and Philosophy of Science, Science Management and Science Policy. Besides this, Library is also procuring books in Hindi pertaining to the S&T area. Presently, it has over 1170 Hindi books.

The library also aims at having a complete set of publications of the Fellows of the Academy. Besides the routine activities of the library, the following services are being provided to its users:

### ***Citation Analysis***

Informatics Centre providing citation analysis against demand to the Fellowship based on CD-ROM database of Science Citation Index from 1980 till date. This service is becoming popular among the scientific community.

### ***Science Information Notes***

A collection of articles on topical interest covering the latest developments in S&T, Environment, Development Policy, and many other related areas is brought out quarterly during the months of January, April, July and October meant for limited private circulation and is being sent only to the Fellows of the Academy. Special Hindi issue of SIN is published in January every year.

### ***Current Awareness Service***

Since 1986, Fellows are supplied content pages of selected journals of their choice from the journals received in the library. Subsequently full articles are supplied against demand. This service has also been extended to INSA Young Scientists and Institutional Members.

### ***Bibliographic Services***

Using electronic resources, bibliographies on specific topics are being compiled and supplied by the Informatics Centre.

### ***Electronic Resources***

Acquisition of resources on CD's has been initiated and a few sources have been acquired on CD's. Efforts are being made to procure more and more secondary sources in electronic format. The endeavours have also been initiated to procure backvolumes of journals available on CD's. Besides, the Fellowship records are also being digitised and made available on CD's.

### ***Creating Digital Resources***

The Informatics Centre had initiated digital content creation process and as a sequel to this, digitization of Fellowship records was initiated. The existing fellowship records collection has now been made available in digital format having suitable provision for database access.

### ***Institutional Repositories***

The Informatics Centre is actively associated with creation of electronic databases and making them available for access by the scientific community in particular and others in general. Several initiatives have been taken to create digital repositories, that includes full text journal publications brought out by INSA, covering the papers right from Vol.1.

Besides publications of INSA Fellowships, photogallery of INSA Fellowship is under process and getting populated. Databases of other library resources are also available. Some of these databases can be accessed at :e-journal portal - <http://www.insa.ac.in>  
Open Access Digital Repository: [http:// drtc.isibang.ac.in:9080/insa](http://drtc.isibang.ac.in:9080/insa)

### ***Other Activities***

The entire academy has been networked and the IT infrastructure has also been further augmented. The broadband communication linkages have been set-up to further boost e-communication culture in the Academy with individual e-mail accounts being facilitated via National Informatics Centre.

#### *Main Regulations governing library services:*

1. The library is open from 9.30 am to 6.00 pm on all working days.
2. Any Fellow may have the books issued to him except those books restricted by Council not to be taken out of the library. The number of books which one shall be ordinarily allowed to have on loan shall be limited to six save, in special circumstances.
3. Demands for library material from outstation Fellows will normally be catered through postal means, and postal expenses incurred in this process would be borne by the Fellow concerned.
4. A Fellow can retain a book normally for a month subject to the condition that, if required by another Fellow of the Academy, it may be recalled earlier. Unbound journals may not be retained longer than one week.
5. Scientific/Research workers stationed in Delhi are also eligible to enrol themselves as members of the library through a formal application on the prescribed form obtainable from the Academy's library along with the deposit of Rs 500/- as refundable security and membership fee Rs. 300 (Non-refundable). Such application from an employee of an organisation or a research scholar in the university will have to be endorsed by the Head of the Department concerned guaranteeing safe return of the material on loan with such member.
6. Enrolled members will be entitled to borrow two books at a time for a period of 14 days against library tickets. No journal, loose or bound would be issued to them.
7. Such scholars as are desirous of making use of the library resources at its premises can enrol themselves as consultation members through introduction by a Fellow of the Academy or Head of the Department/Institution where they are working.
8. Manuscripts, dictionaries, encyclopaedias and other reference books shall not be issued.
9. Books or pamphlets must not be removed from the library unless properly issued by the Librarian.
10. A person desiring books to be sent to him, shall bear the postal charges thereof. All books so borrowed shall be at the risk of the borrower and he shall have to make good the loss in case of damage or loss of the book.
11. For CAS subscribers other than Fellowship, INSA Young Scientists and Institutional Members, a sum of Rs.300/- per annum is being charged. While annual subscription for Fellowship and INSA Young Scientists is Rs. 100/- per annum.
12. To carry out citation analysis for the library members and other users, an amount of Rs. 200/- per 10 papers is being charged.