

# DESIDOC

## BULLETIN

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### Fifth Indexing Course

Under its programme of users' education and training, DESIDOC organised at Delhi from 31 August to 10 September 1982, the Fifth Indexing Course mainly for the benefit of staff working in the Technical Information Centres/Libraries attached to the Defence R&D Organisation Estts/Labs located in the western zone.

Shri SS Murthy, Director, DESIDOC in his inaugural address explained the aim of the Course which he said, was to provide an insight into the subject to those without formal training in Library and Information Science and to serve as a refresher course for those having the professional qualifications in the discipline. He further said that although the indexing process is considered to be highly subjective, certain amount of uniformity is necessary, which is also a requirement for computer-based information system like DESIS, which is being progressed by DESIDOC.

The curriculum included various aspects of indexing techniques and systems with emphasis on practical assignments. A detailed lecture and demonstration was arranged on

Science Citation Index followed by exercises. Besides lectures on computer systems and input preparation, the participants were taken to the DRDO Computer Centre and explained the use of terminal for data entry and interrogation. A visit to INSDOC was arranged to acquaint the participants with the working of its various sections. Special lecture on 'Versatile Integrated Information Systems' was delivered by Shri TS Rajagopalan, Scientist Incharge INSDOC and on 'Management Information System' by Maj R Thiagarajan, Director (I&D) Department of Science and Technology, respectively. Besides DESIDOC staff who provided the core faculty, the outside experts included Prof PB Mangla and Shri JL Sardana of Delhi University (Department of Library and Information Science), S/Shri B Guha and BK Sen of INSDOC and Shri S Arunachalam of PID (CSIR).

After successful completion of the course, which included a test, the participants were awarded certificates by the Director, DESIDOC. The feedback provided by the participants rated the course as highly useful.

Shri VK Rangra, Scientist D was the Course Director.

### Information Dissemination

Information on the following topics was collected from the literature available in the Defence Science Library and supplied to the indentors :

1. Airship/blimps
2. Airborne sensors
3. Hand/rifle grenades
4. Laser hazards
5. Anti-ship missiles
6. Underwater passive detection
7. Survivability of warships
8. Neutron bomb
9. Fuel Cell
10. R&D Project management

\* Information on 55 patents of Defence interest was collected and circulated to the scientists concerned through the publication 'Patent Information Alert'.

\* 'DESIDOC LIST' containing 255 references of Defence interest selected from periodical literature, was circulated to all R&D Labs/Estts/HQrs for their information.

\* Ninety-nine abstracts of technical reports of Defence interest were prepared after scanning the reports literature and disseminated through the publication 'Defence Reports Abstracts'.

\* Information on the development in China was circulated to the scientists through the publication 'Spot News on China'.

\* The information on Defence, DRDO and Science and Technology was scanned from the daily newspapers and 1110 clippings were brought to the notice of top management of DRDO.

### Translation Activities

#### Translation of Literature

255 pages of Russian text, 139 pages of German text, 138 pages of French text and 91 pages of Japanese text were translated and supplied to the indentors which included SA to CAS, ADE, DSC, IRDE, IAT, DTD&P(Air), DMSRDE, ERDE, ARDE, DRDL, ARU(Almora), CVRDE, SPL, TBRL, CRE(Nasik) and CRE(Sunabeda) on their demand.

Translations of three Swedish reports and a Swedish patent were procured from INSDOC and supplied to SA to CAS and Chief Resident Engineer, Pune and DSC on their demand.

Sixteen translations available in the Bank were supplied to the Chief Resident Engineer (Engine), Bangalore.

#### Translation Bank

Bibliographic details of 22 translations available in DRDO Labs/Estts were procured and the index cards of these translations were prepared and maintained in the Translation Bank.

### DESIDOC TRANSINDEX

An index of DESIDOC translations done in the year 1981 has been published under the title DESIDOC TRANSINDEX—1981. It contains 134 translated items from Russian, French German and Japanese languages. It also contains source, author and subject indexes to facilitate information search.

### Library Activities

#### New Acquisitions

65 books and 365 reports literature were procured and accessioned.

#### Publications Loaned

792 publications consisting of books, periodicals and reports literature were loaned within and outside the Defence R&D Organisation. Interlibrary loan facilities were provided to CBRI, TBRL and DSC.

### SDI Bulletins

#### Armoured Fighting Vehicles

Two bulletins were issued on the subject. These covered reconnaissance vehicles and latest development in the Main Battle Tanks of the 80s.

#### Military Aircraft

Two SDI bulletins were issued in this series. One deals with information on helicopter technology including advanced attack helicopter fire control system. The other bulletin gives developments on designing of amphibian STOL research aircraft and composite fuselage design.

#### Military Electronics

A SDI bulletin on Surface Acoustic Wave Oscillators was prepared. It covers the SAW oscillators and SAW filters and their use in military and spacecraft technologies. This series also covers space technology viz. satellite communication and landing of INSAT satellite of India.

#### Science Policy and Planning

This bulletin contains information on 'US Defence Budget and US Airforce Strategic Plans'.

### Laser

This SDI Bulletin covers military applications of laser and laser weapons. It also furnishes information on blue-green laser and gas lasers.

### Lectures Delivered

1. Shri Bhagwan Singh, DESIDOC—'Use of Semiconductors in Information Technology' on 11 Aug 1982.
2. Prof PN Kaula, Head of the Deptt of Library Science, BHU—'Information Revolution and Libraries' on 5 Nov 82.

### Meeting

DLA-INDAAL-IASLIC Study Circle meeting was held at DESIDOC on 12 Nov 82. Shri SS Murthy, Director gave a talk on activities of the DESIDOC and Shri Ambrish Kumar, Sc 'B' spoke on the progress of the computerisation of information.

### Participation in Conference

Shri SN Mehta, Sc 'D' attended ILA conference held at Lucknow from 20 to 23 Oct 82 and presented a paper 'Planning for National Information System.' He also read a paper 'Project Management Information System' (PMIS) by VK Rangra, Sc 'D'.

### Personal News

#### Appointment/Promotions/Transfers

Shri N Karuppan, Labourer, appointed Civ Mt Driver.

Shri Jot Singh, Sr Store Keeper, promoted to Store Supdt.

Shri Uttam Chand, Photostat Operator, promoted to Photographer.

Shri Naresh Kumar, D/Man, Gde III, transferred from VRDE, Ahmednagar.