

WORKSHOP ON UNIVERSAL DECIMAL CLASSIFICATION

DESIDOC organised a workshop on UDC from 18-23 July 83, at Metcalfe House for benefit of the staff working in Technical Information Centres/Libraries attached to the DRDO Labs/Estts located in the western zone.

Inaugurating the workshop, Shri SS Murthy, Director DESIDOC stressed the need for consistency in classification and indexing systems in DRDO. The participants were given assignments to classify documents comprising books, reports and articles from journals. The tutorials provided opportunity for detailed discussion on complex topics which required deep understanding of the subject matter and application of the principles of classification. The participants were asked to give feed back on the workshop and they rated the course very useful.



Dr M Krishnamurthi, CCR&D delivering the valedictory address

Apart from Shri PS Sastri, Sci D of DRDL, Hyderabad who delivered lectures on 'Universe of Knowledge' and 'Principles of Library Classification', the faculty was mainly drawn from DESIDOC comprising S/Shri VK Rangra, the workshop Director, Ram Kishore, UR Sharma, BK Nigam, (Mrs) Meera Ghosh and SK Ghosh.

Delivering the valedictory address, Prof. M Krishnamurthi, Chief Controller Research & Development emphasised the importance of classification in the information retrieval activities and advised the participants to work towards achieving uniformity in the classification and indexing work in the DRDO Labs/Estts.

I believe in work, hard work and long hours of work. Men do not breakdown from overwork, but from worry and dissipation.

Charles D Hughes

GUIDELINES FOR TRAINING BROCHURE

Guidelines for preparation of Brochure for Training Courses organised by DRDO Labs/Estts were prepared by DESIDOC and finalised by Dte. of Technical Training R&D HQrs in consultation with IAT, Pune and DIWS, Mussoorie. These guidelines which relate to the contents, format and other production aspects of the brochure/booklet have since been published by DESIDOC. The guidelines will be helpful to the organisers of the courses in bringing out booklet/ folder of a unified framework and communicating the required information to the participants.

PARLIAMENTARY COMMITTEE ON OFFICIAL LANGUAGE

The Parliamentary Sub-Committee on Official Language visited DESIDOC on 6 July 1983. The Committee comprised MPs, Sarvashri Chiranji Lal Sharma, A N Nadar, M Ramgopal Reddy, Amar Roy Pradhan, Jai Ram Verma and Shiva Chandra Jha. Welcoming members of the committee to the historic building of Metcalfe House, Shri SS Murthy, Director DESIDOC hoped that DESIDOC would be greatly benefited by the experience of the honourable members. The Director also gave a brief account of the activities of Divisions of DESIDOC and their contribution in implementing Hindi in day-to-day work.



Shri Chiranji Lal Sharma, MP discussing a point in the meeting

An exhibition was arranged highlighting the work done in Hindi, such as Hindi stamps, bilingual D.O. letter-heads, service books and other correspondence done in Hindi. Scientific/technical books, periodicals and reports in Hindi that are available in the Defence Science Library in DESIDOC and publications issued by DESIDOC including the Hindi section of R&D Digest were also displayed.

LIBRARY ACTIVITIES

New Acquisitions

113 books and 323 reports on varied topics were added to the collection of Defence Science Library during this period.

Publications loaned

529 publications consisting of books, periodicals and reports were loaned within and outside the Defence R&D Organisation.

TRANSLATION ACTIVITIES

The following translations were completed from different languages. The name of the indenter and the number of pages translated are indicated in the brackets.

FRENCH

- F-544 Photoelectronic automatic indicator of humidity. Description & operation book I & II. (DRDL, 130)
- F-538 Research on the formation of mineral complexes in solution and their stability. (DRL, 21)

JAPANESE

- J-296 Differential thermal analysis and thermal reactivities of explosive. (ERDL, 6)
- J-298 Sensitivities of some solid propellants. (ERDL, 6)
- J-256 Integrated circuits. (IRDE, 9)
- J-313 Computer calculation of phase diagram of iron alloys. (DMRL, 2)
- J-277 The shock sensitivity of slurry explosives. (ERDL, 5)
- J-278 Piezo-gauge holder for the measurement of underwater detonation of small charge. (ERDL, 6)
- J-269 Fabrication of lock-in amplifier which would influence various research fields. (IRDE, 10)
- J-258 Molecular beam epitaxy (MBE). (IRDE, 10)
- J-216 Current trends in software technology. (LRDE, EDP, 7)
- J-217 High reliability techniques. (LRDE, EDP, 10)
- J-219 Specialized scientific processors. (LRDE, EDP, 7)

GERMAN

- G-1079 Present state of avalanche control structures with snow nets. (SASE, 12)
- G-1080 Thirty years of combat tank development. (Dte of Com Veh, 10)
- G-1081 Thirty years of combat tank development 1950-1980 Part II Development of component technology. (Dte of Com Veh, 20)

- G-1082 Gaschromatographic determination of explosion and decomposition of gases of explosives. (ERDL, Pune, 8)
- G-1084 Thirty years of combat tank development 1950-1980 Part II Development of component technology (contd) 2-components defining mobility. (Dte of Com Veh, 10)
- G-1092 Products, projects and methods. (DMRL, 2)
- G-1098 Iron-Tungsten. (DMRL, 8)
- G-1083 Film chromatography of some nitro compounds and nitric acid ester on silica gel. (ERDL, 10)
- G-1087 Thirty years of combat tank development 1950-1980 Part III Technical problems connected with various phases of development. (Dte of Com Veh, 10)
- G-1088 Repellents against stored product insects. (DRDE, 8)
- G-1093 The problem of most cost effective payload transport from LEO to GEO. (SA to CAS, 16)
- G-1094 Artillery management information and fire control system, (SA to COAS, 10)
- G-1095 Defence against military uses of satellites. (SA to COAS, 5)
- G-1096 Future development of artillery. (SA to COAS, 5)
- G-1100 Infrared Detectors. (SO to SA, 1)
- G-1101 Methods for preparing interlaceable polymers having structural elements of imidylbenzoldicarbonyl acid derivatives and application of polymers obtained according to this method. (Dy DOP, 6)

RUSSIAN

- R-436 Handbook - Instrument for non-breaking control. (CRE(S), 10)
- R-454 "Aircraft materials" - Ch XIV Effect of climatic factors on the mechanical properties of epoxy boro and carbon plastics. (CRE(O), 9)
- R-455 "Aircraft materials"-ChXV Investigation of the electrical properties of polyamide carbon. (SA to CAS, 6)
- R-459 "Aircraft materials" - Ch XXIV Application of composition materials on helicopter construction. (SA to CAS & Dir of Aero, 5)
- R-463 Interaction between tetra alkyl dihydrideni

INFORMATION DISSEMINATION

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

- (1) SAW device
- (2) Beam Weapons
- (3) IFF System
- (4) Composite material
- (5) Flight refuelling

* 49 references of Defence interest selected from the periodical literature were circulated to all R&D Labs/Estts/HQrs for their information through 'DESIDOC List'. Fifty-nine abstracts of technical reports of Defence interest were prepared after scanning the reports literature and disseminated through the publication 'Defence Reports Abstracts'.

* 510 items of information were culled from the daily newspapers and brought to the notice of top management of DRDO and disseminated through the following newspaper clipping service:

- (i) Indian Press on SA to RM
- (ii) Indian Press on DRDO
- (iii) Indian Press on Defence
- (iv) Indian Press on Science & Technology

ACTIVITIES OF TRANSLATION BANK

- * 42 new translations were received in the Bank and processed
- * Procured the English translation of a Swedish report (72 pages) from INSDOC for SA to CAS.
- * Supplied information regarding the availability of three German translations to BHEL, Haridwar on demand.
- * Compiled "DESIDOC TRANSINDEX" - 1982 for publication.
- * Supplied photocopies (20 pages) of two translations to CRE (Nasik).

PRINTING ACTIVITIES

Apart from executing the printing & binding jobs of DESIDOC, work pertaining to the office of SA to RM, CCR&D(A), CCR&D(K), INMAS, DTRL, DSC and Defence Production was also taken up. In all 85 pages involving 35,232 impressions were printed.

contd from page 3

- disiloxanes and difunctional unsaturated compounds (DMSRDE, 4)
- R-464 Polymerization of unsaturated Organo germanic compounds. (DMSRDE, 3)
- R-465 Synthesis of some alkenyl compounds of germanium. (DMSRDE, 3)
- R-436 Handbook Instrument for non-breaking control. (CRE(S), 22)
- R-456 "Aircraft materials" - Ch.XVII Efficacy of the use of carbon plastics in floor panels of three-layered construction. (SA to CAS & CRE(O), 6)
- R-458 "Aircraft materials" - Ch.XIX Strengthening of AP profiles & panels. (SA to CAS, 9)
- R-460 "Aircraft materials" - Ch.VII polyfibrous composition materials. (Dir of Aero, 10)
- R-462 "Aircraft materials" - Ch.II Epoxy carbon plastics. (CRE(O), 5)

DEFENCE SCIENCE JOURNAL

Defence Science Journal, a quarterly journal of Defence Research & Development Organisation, publishes research and review papers in various disciplines of science and technology related to the problems of Defence, mostly of applied nature.

There has been significant improvements in the contents and the get-up of the Journal and it has won appreciations from the subject experts. The papers published in the Journal are indexed/abstracted in leading indexing and abstracting services like Current Contents, Chemical Abstracts, Biological Abstracts, Mathematical Reviews, Electrical & Electronics Abstracts, and Physics Abstracts etc.

The following special issues have been planned for 1984: Ocean Optics, Food Research, Titanium and its Alloys, and High Altitude Research.

DSJ SPECIAL ISSUE ON ELECTRONIC WARFARE

It was reported (DESIDOC Bulletin Vol 3, No. 1, Jan-Feb 1983) that a special issue of Defence Science Journal on 'Electronic Warfare' would be brought out in October 1983. This issue is now proposed to be brought out in 1985 as other special issues have already been planned for the intervening period.

PARTICIPATION IN COURSES/LECTURES DELIVERED

Shri Dev Karan, SSA and Devendra Kumar, JSA attended the 'Workshop on UDC' from 18-23 July 1983 conducted by DESIDOC'

Shri R.K. Srivastava, SSA delivered a lecture on 'Development of Computers & Software Languages' on 25 June 1983, at DESIDOC.

PERSONNEL NEWS

Appointments/Transfers/Superannuation

- o Shri UR Sharma appointed Sci C w.e.f 2.7.83
- o Shri Kailash Chandra appointed JSA-II w.e.f. 20.7.83.
- o Shri Jagdish appointed LDC w.e.f. 7.6.83.
- o Shri KC Garg, SSA relieved from DESIDOC w.e.f. 14.7.83 to join CSIR.
- o Smt Usha Rani, SSA transferred to DTRL w.e.f. 2.6.83
- o Shri Babu Lal, Daftry, retired on 30.6.83.