

DESIDOC BULLETIN OF INFORMATION TECHNOLOGY

Vol. 22

March 2002

No. 2





& DOCUMENTATION CENTRE
Defence Research & Development Organisation
Ministry of Defence, Metcalfe House, Delhi 110 054

DESIDOC BULLETIN OF INFORMATION TECHNOLOGY

DESIDOC Bulletin of Information Technology endeavours to bring recent developments in information technology, as applicable to library and information science, to the notice of librarians, documentation and information professionals, students and others interested in the field. It is published bi-monthly.

The articles published in the Bulletin are indexed in *Library and Information Science Abstracts* (*LISA*) and *The Informed Librarian*. The full text of *DBIT* is being reproduced in electronic databases of HW Wilson Company, namely, *OMNIFILE* Full Text Select and *OMNIFILE* Full Text Mega. The Bulletin invites original research and review papers relating to information technology as applied to library activities, services and products. Intending author(s) may contact the Editor for further details regarding submission of papers.

Editorial Board

Chairman

Dr Mohinder Singh, Director, DESIDOC, Delhi

Members

Dr N Vijayaditya, Director General, NIC, New Delhi

Dr JR Arora, Advisor, BTIS, Department of Biotechnology, New Delhi

Prof S Arunachalam, Visiting Professor, IIT

Shri Harjit Singh, Senior Advisor, Ministry of Environment & Forests, New Delhi

Dr A Lahiri, Advisor, DSIR, Ministry of Science & Technology, New Delhi

Dr TB Rajashekar, Associate Chairman, NCSI, IISc, Bangalore

Member Secretary
Dr JP Singh, Scientist E, DESIDOC, Delhi

Editorial Staff

Editor-in-Chief

Mohinder Singh

Asst Editor Alka Bansal

Printing
JV Ramakrishna
SK Tyagi

Ashok Kumar

JP Singh

Marketing

Editors

RK Dua

Subscription Information

Inland Foreign*

Individuals Rs 150 \$ 24 Correspondence related to the Bulletin may be addressed to the Editor, DESIDOC Bulletin of Information Technology, Defence Scientific Information and Documentation Centre *\$27 extra for obtaining copies by Air Mail (DESIDOC), Metcalfe House, Delhi-110 054.

*\$27 extra for obtaining copies by Air Mail.

Single copy is also available at Rs

Single copy is also available at Rs 25. Subscriptions are payable in advance in favour of **Director**, **DESIDOC** by bank draft payable at Delhi.

The Editors or Publisher do not assume responsibility for the statements/opinions expressed by

Tele:

Fax:

011-3959974

011-3919151

e-mail: dirdesidoc@vsnl.net

the authors of the papers.

© 2002, Defence Scientific Information & Documentation Centre, Delhi.